



UNIVERSITATEA
DE MEDICINĂ ȘI FARMACIE
VICTOR BABEȘ | TIMIȘOARA

INTERNAL ASSESMENT REPORT OF THE "VICTOR BABEȘ" UNIVERSITY OF MEDICINE AND PHARMACY DOCTORAL UNIVERSITY STUDIES ORGANIZING INSITUTION (IOSUD)

2016 – 2021

Consiliul pentru Studii Universitare de Doctorat

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2021 IOSUD Assessment Committee

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Foreword

The current internal evaluation report of the “Victor Babes” University of Medicine and Pharmacy IOSUD has been conceived in accordance with the National Education Law No. 1 from 2011, as well as the updated Government Decision No. 681 from 2011 regarding approval of the University Doctoral Studies Code. The methodology used for the internal evaluation is as specified in the Government Order No. 3.651 from the 12th of April 2021, regarding the approval of the University doctoral studies evaluation methodology and the afferent criteria, standards and key performance indicators, published in the Official Journal of Romania, No. 414 from the 20th of April 2021, as well as Art. 2 of the Contract regarding the provision of services for periodical external evaluation of the University doctoral Studies, No. 224 from the 4th of May, 2021.

The report was conceived between April and May 2021 by a Committee formed for the preparation of the ARACIS evaluation file, necessary for the external and periodical assessment of the University’s Doctoral Study Domains (Medicine, Dental Medicine, Pharmacy), pertaining to the Medical, Dental Medicine and Pharmacy Doctoral Schools, as approved through the Administration Council’s Decision HCA No. 9/6940, from the 23rd of March 2021 (**Annex 1**).

The Committee is coordinated by the Head of The Council for Academic Doctoral Studies, Prof. Univ. Dr. Dehelean Cristina Adriana, and is consisted of:

Prof.Univ.Dr.Tomescu Mirela Cleopatra - executive

Prof.Univ.Dr.Sinescu Cosmin - member

Prof.Univ.Dr. Popovici Ramona Amina - member

Prof. Univ. Dr. Munteanu Mihnea - member

PhD Student Țogoe Marius Mihai - member

The report was presented at the meeting of the Council of Doctoral Studies on 03.06.2021.



I. General Information

1.1 IOSUD – UMFVBT Institutional Capacity

The “Victor Babes” University of Medicine and Pharmacy of Timisoara is a essential presence in the Western Romanian’s medical existence, representing the main scientific forum responsible for the coordination and guidance of medical researchers and practitioners. It is a Higher Education Institution of great prestige, with numerous achievements, with a most honourable past, present and future. The University has all the necessary prerequisites for it to obtain valuable future results, and continue educating the next generations of doctors, dentists, pharmacists, thus ensuring for the entire community the best medical assistance possible.

From a legal standpoint, our University’s history spans more than 7 decades, the first official mention of human medicine studies in Timisoara dating from December 1944, when King Michael the First of Romania signed on the 31st of December 1944 the Decree-Law No. 660 regarding the establishment of the Western University of Timisoara. (**Annex 2**).

This decree was preceded by the No. 2414 from the 30th of December 1944 Report signed by Stefan Voitec-Minister of Education, M. Romniceanu-Minister of Finance, A. Leucutia-Minister of Economy, and Prof. dr. D. Danielopol-Minister of Health and Social Assistance. In the 1st article of the Decree-Law, the Western University of Timisoara was comprised of the following academic specializations: Law, Philosophy, Science, Human Medicine, Veterinary Medicine, Pharmacy, as well as Teology. Sever Bocu became head of the committee responsible for organizing the Western University.

The first document to mark the establishment of the Medical University of Timisoara is the Decree No. 104 from the 4th of May 1945, signed by dr. Dumitru Bagdasar, Minister of Health, an important medical personality. The document which actually led to the creation of the University of Medicine is the Law No. 361 from the 4th of May 1945, that modified the Decree Law referring to the founding of the Western University, due to the paramount necessity of professionally trained health specialists in this part of the country.

Starting with the autumn of 2005, in accordance with the Government Decision 567/2005’s provisions, the “Victor Babes” University of Medicine and Pharmacy Doctoral School began its activity, being organized as stated in the Government Decision No. 567 from the 15th of June 2005, and formed by all PhD Professors and PhD Students, our University thus gaining the right to responsibly ensure the best possible conditions for quality doctoral studies.

The “Victor Babes” Univeristy of Medicine and Pharmacy is accredited as a University Doctoral Studies Organizing Intitution (further abbreviated as I.O.S.U.D), thus organizing scientific doctoral studies pertaining to the domains of Medicine and Dental Medicine, as stipulated by the Minister Order No. 3855 from the 17th of May 2010, the PhD students obtaining, at the end of their studies, the title of PhD in medical science. The

Medicine and Dental Medicine Doctoral Schools pertaining to “Victor Babes” University of Medicine and Pharmacy are authorized to temporarily function, as asserted by the Minister Order No. 5382 from the 29th of September 2016, ART. 3. (**Annex 3**)

The “Victor Babes” University of Medicine and Pharmacy of Timisoara’s main mission is to contribute to society’s development, through education, scientific medical research, as well as promoting the universal values of culture. UMFVBT IOSUD’s mission is as follows:

- creating young, licensed researchers, able to use the utmost skills to create quality scientific knowledge;
- improvement of the university's medium- and long-term strategy in terms of the development of doctoral studies and research.

The University's objectives are:

- initial and continuous medical-pharmaceutical training in other health sciences;
- scientific research to ensure progress in the field of biomedical sciences;
- dissemination of knowledge and culture in society;
- national and international cooperation to carry out the mission;
- the insertion and professional success of graduates.
- creating university centers, institutes and/or hospitals to promote health excellence.

Through doctoral studies, our University ensures the development of additional skills in the field of scientific research, knowledge and application of research methodology and techniques, as well as the competence of communicating and publishing research at the highest level, and, furthermore, ensures the assumption of responsibility to develop a research program, as well as the ability to critically address the achievements of other researchers. Collaboration is strengthened through the inter-university partnership regarding academical programs in the European Higher Education Area and the European Research Area, the objective being to increase the quality of research products and to jointly recognize titles.

UMF “Victor Babes” in Timisoara is individualized in the European Higher Education Area through an attractive educational offer comprising the Doctoral School of Medicine – Pharmacy, the Doctoral School of Dental Medicine, with the fields of Medicine, Pharmacy and Dental Medicine.

The University’s mission is outlined in the University Charter, Chapter II- UMF “Victor Babes” Mission and Objectives:

(<https://www.umft.ro/?s=carta>)

Art. 6: The University aims to carry out its mission as a forum for education, science and culture responsible for generating and disseminating knowledge through:

- a) initial and continuous training of highly qualified persons in the field of Health in accordance with European and international standards and in line with the current and future needs of the national health system;
- b) promoting scientific research aimed at ensuring the progress of medical and pharmaceutical sciences;
- c) participation in scientific and cultural development in the field of life sciences.

Art. 7. In order to fulfill its mission, the University has the following endpoints:

- a) Supporting a modern University and postgraduate education in the Romanian language as well as in languages of international circulation, in accordance with national and international standards;
- b) Training of Romanian and foreign specialists in the field of Health Services (medical doctors, pharmacists, physiotherapists, licensed assistants as well as technicians), research and education;
- c) Postgraduate training for all specialists in the field through specific programs: medical residency, senior physician exams, postgraduate courses and traineeships for higher specialization and improvement;
- d) Training of specialists in the field of scientific research through postgraduate studies such as: Master's degree, doctoral studies, further training and specialization mobility programs conducted on a national and international level;
- e) Development of fundamental and applied scientific research in pilot research units in the field of medicine, biology, and pharmacy or in research centers and institutes promoting excellence in the domain of health;
- f) Promoting performance in education and research by developing inter-university cooperation with similar academic institutions on a national and foreign level;
- g) Assuring healthcare of the utmost quality, through high-level professional specialists pertaining to university community;
- h) Promoting freedom of thought and expression as well as assuring a climate of trust, built within the academic community, based on respect and recognition of the merits of its members.
- i) Selection and orientation of graduates towards fields of practice, research, technical-medical creativity, teaching careers and permanent cooperation with the national health system in order to ensure their professional integration;
- j) Supporting the scientific performance of University members at national and international scientific events;
- k) Defending and promoting the fundamental rights and freedoms of members of the University community;
- l) Periodic self-assessment of teaching and scientific activity in order to be able promote an increased level of competence; UMFVBT Charter
- m) Maintaining professional and scientific collaboration with University graduates.

Art. 8: In order to achieve its objectives in the best possible conditions, the University is organized and operates according to the following principles:

- a) the principle of university autonomy;
- b) the principle of academic freedom;
- c) the principle of public accountability;
- d) the principle of quality assurance;
- e) the principle of compliance with the rules of professional and scientific ethics;
- f) the principle of fairness and equal opportunities;
- g) the principle of financial and managerial and efficiency;

- h) the principle of transparency;
- i) the principle of respect regarding the rights and freedoms of students as well as academic and administrative staff;
- j) the principle of independence from an ideological, religious and political standpoint;
- k) the principle of freedom of mobility on a national and international level for students, teachers and researchers;
- l) the principle of social partner counselling regarding decision-making;
- m) the principle of student oriented education;
- n) the principle of recognizing the merits of members of the academic community.

Art. 9.

(1) In order to achieve its mission and objectives, the University may associate itself with other universities, institutions or economic agents in the country or abroad, constituting structures of activity of common interest or consortia, under the conditions laid down by the UMFVBT Senate, on a case-by-case basis, in compliance with the legal provisions.

(2) The University may cooperate with governmental or non-governmental bodies at local, national or international level, under the conditions stipulated by the UMFVBT Senate, on a case-by-case basis, in compliance with the legal provisions.

(3) The University shall promote partnership with similar higher education institutions at home and abroad, based on the principles of academic freedom, pluralism of options and respect for fundamental human rights and freedoms.

We can say that the mission of UMFVBT's IOSUD is consistent with that of other Higher Education Institutions and is to prepare, through the Doctoral Studies Programme, health specialists that will obtain the title of Academic Doctor.

IOSUD-UMFVBT Quality Certification Level

Prior Assessments

UMF "Victor Babes" was assessed twice by ARACIS (2007 and 2014). Following both evaluations, the "Victor Babes" University of Medicine and Pharmacy of Timisoara received a high degree of confidence, according to the reports of the ARACIS Council of the 29th of July 2007 ([Annex 4](#)) and the 30th of April 2014 ([Annex 5](#))

University classification

Based on data provided by universities, MECT, through UEFISCDI, established in 2011 a classification of higher education institutions in Romania. As a result of this process, UMF "Victor Babes" in Timisoara ranked among the universities known for advanced research and education, having the right to organize bachelor's, master's and doctoral studies.

The University maintains qualitative and quantitative benchmarking activities, comparing itself to other universities in the country and abroad, accomplishing quality assessment and monitoring activities through the following actions: evaluation of the

University by the EUA (European University Association) according to the ENQA (The European Association for Quality Assurance in Higher Education) criteria.

At University level, DEACE has developed a strategic program centered on quality, with specific means and deadlines for implementation – The Operational Management Plan. The DEACE plan and strategies also include the activity of doctoral students who are closely monitored. <https://www.umft.ro/deace/>

Within the UMFVBT's IOSUD functions the **Doctoral Research Quality Assurance Council**, which has as its main objective the evaluation of doctoral theses by an internal commission appointed by the Doctoral School. The list of evaluators is made public in each academic year. Another major objective of the Council is to ensure compliance with quality standards specific to doctoral scientific research as well the rules for drafting doctoral thesis. The Council has the following composition, according to the Senate Decision No. 205/18470 from the 18th of December 2020 (**Annex 6**):

Prof. Univ. Dr. Dehelean Cristina Adriana

Prof. Univ. Dr. Muntean Mirela - Danina

Prof. Univ. Dr. Tomescu Mirela Cleopatra

Prof. Univ. Dr. Sinescu Cosmin

Dr. Togoe Marius Mihai – PhD Student

https://www.umft.ro/facultati/csud/csud_componenta-csud-si-descriere/

The head of the institution legally representing IOSUD UMF "Victor Babes" of Timisoara is the Rector of UMF, and the collective governing body to which IOSUD is subordinated is the Senate of the University of UMFVBT. The Council for Academic Doctoral Studies is led by the Director of the CSUD, position obtained through public competition. <http://old.umft.ro/concurs-director-csud-2020> 853

1.2. IOSUD UMFVBT Doctoral Schools

The academic doctoral studies are organized by IOSUD UMF "Victor Babes" of Timișoara in accordance with *the Law of National Education No. 1/2011*, Government Decision No. 681/2011 on the approval of the *University Doctorate Studies Code* and the *Institutional Regulation for the organization and conduct of University Doctoral Studies*. IOSUD-UMFVBT organizes and coordinates scientific doctoral programs that last 4 years, through the two Doctoral Schools, the Doctoral School of Medicine-Pharmacy and the Doctoral School of Dental Medicine, in part-time and full-time form, according to the law. Following the completion of the scientific doctoral studies and after the issuance of the order by the Minister of National Education and Scientific Research, IOSUD UMF "Victor Babes" from Timisoara can award the diploma and title of doctor in sciences in the fields of Medicine, Dental Medicine and Pharmacy.

The University Doctoral Studies Organizing Institution (IOSUD) is headed by the Council for Academic Doctoral Studies (CSUD henceforth), as a collective governing body, and the I.O.S.U.D. Affiliated Doctoral Schools are headed by the Council of the Doctoral School (CSD).

The establishment of Doctoral Schools is proposed by the leadership of UMFVBT, is approved by the University Senate and by the CSUD. In the structure of a higher

education institution, a Doctoral School must have a rank equal to that of a department and may organize research centers or laboratories which function as revenue and expenditure units within the higher education institution, in accordance with the provisions of Article 131, Article 133 (1), And Article 134 of Law No. 1/2011.

The affiliation relations between the doctoral school and other University structures are established by the Institutional Regulation for the Organization and Conduct of Doctoral Programs.

https://www.umft.ro/category/csud/reglementari_csud/

The Doctoral School is coordinated by the Head of the Doctoral School and the Council of the Doctoral School (CSD). The Head of the Doctoral School is assimilated to the Department Director. The Doctoral School board is assimilated to the Department Council. The Doctoral School board is headed by the director of the doctoral school, which is appointed by the CSUD from among the doctoral school's doctoral leaders and is elected by the CSD members, according to the Methodology on the election of the directors of the doctoral school councils in the University of Medicine and Pharmacy "Victor Babes" in Timisoara, and is a lawful member of the doctoral school board.

<https://www.umft.ro/reglementari-interne-csud/>

The members of the Doctoral School Council, formed on the basis of this Regulation, must be academics or researchers, must have the right to conduct PhDs on a national level or abroad, and must meet the minimum and mandatory standards for the granting of the habilitation certificate at the time of their designation as members of the Doctoral School Council, as approved by the Order of the Minister of Education, National, in accordance with Article 219 para. (1) (a) of Law No 17/2002 of the European Parliament and of the Council of 22 December 2002 on the protection 1/2011.

Doctoral School of Medicine – Pharmacy: establishment, structure, evolution

According to the UMFVBT Senate Decision No. 4/2957 from the 15th of March 2016 ([Annex 7](#)), Prof. Univ. Dr. Tomescu Mirela Cleopatra is appointed as Interim Head of the Doctoral School of Medicine pertaining to UMFT's IOSUD.

After the elections with participation of the PhD leaders representing the Council of the Doctoral School, and according to the minutes of the 15th of February 2018 ([Annex 8](#)) as well as the minutes following the elections of a board member representing the Doctoral School students from the 18th of January 2018 ([Annex 9](#)), and according to the decision of the UMFVBT Senate No. 40/5968 from the 24th of May 2018 ([Annex 10](#)), the composition of the Council of the Doctoral School of the UMFVBT's IOSUD for the 2016-2020 legislature is as follows:

Prof. Univ. Dr. Tomescu Mirela Cleopatra – Head of the CSD

Prof. Univ. Dr. Munteanu Mihnea - member

Prof. Univ. Dr. Boia Marioara - member

Prof. Univ. Dr. Puiu Maria - member

Tudor Pîrvănescu – PhD student, member

As a result of the validation of the Pharmacy doctoral domain by the General Council of the CNATDCU, from the 18th of July 2018, as well as ARACIS proposals, the MEN Order No. 4209 from the 31st of July 2018 regarding the establishment of doctoral field in the institutions organizing university doctoral studies was issued, and published in the Official Journal of Romania, Part I. (**Annex 11**)

According to the UMFVBT Senate Decision No. 207/18470 from the 18th of December 2020 (**Annex 12**), as a result of the approval of the new Methodology on the election of the Head of the UMFT Doctoral School councils <https://www.umft.ro/reglementari-interne-csud/> and from the desire to include external persons in the respective structures, the Interim Council of the Doctoral School of Medicine and Pharmacy (CSD M-F), is composed as follows:

Prof. Univ. Dr. Tomescu Mirela Cleopatra – Head of the CSD

Prof. Univ. Dr. Munteanu Mihnea - member

Prof. Univ. Dr. Puiu Maria – member

Conf. Univ. Dr. Vlaia Lavinia - member

Prof. Univ. Dr. Alexa Ersilia Calina - member

Prof. Univ. Dr. Musuroi Sorin - member

Tudor Pîrvănescu – PhD student, member

As a result of the voting process from the 16th of April 2021, regarding the election of members of the Council of the Doctoral School of Medicine-Pharmacy, from the Doctoral students of the Doctoral School of Medicine-Pharmacy, according to the minutes of the 16th of April 2021 (**Annex 13**) and following the lack of quorum, a second round of elections was organized, according to the minutes of the 24th of April 2021 (**Annex 14**). Due to a lack of quorum following the voting process from the 16th of April 2021, regarding the election of members of the Council of the Doctoral School of Medicine-Pharmacy from among PhD leaders, and according to the minutes of 16th of April 2021 (**Annex 15**), second-round elections were held, as stated by the minutes of the 24th of April 2021 (**Annex 16**).

Following the election of the Director of the Council of the Doctoral School of Medicine-Pharmacy on the 17th of May 2021, according to the minutes no. 9678 from the 17th of May 2021, the members of CSD M-F unanimously agreed that Mrs. Prof. Univ. Dr. Tomescu Mirela Cleopatra to be elected Director of the Council of the Doctoral School of Medicine-Pharmacy within IOSUD - UMFVBT. IOSUD-UMFVBT, the composition of the doctoral schools council, according to the minutes no. 885 / 20.01.2021, CSUD is 9 members for Medicine-Pharmacy, including the director of the Doctoral School and 7 members of the board of the Doctoral School of Dentistry, with a distribution that takes into account the updated methodology of elections.

Currently, the Doctoral School Council is composed according to an extract from the minutes of the extraordinary meeting of the senate no. 9452 / 12.05.2021 by which the composition of CSD Medicine - Pharmacy and Decision no. 326 / 26.05.2021 based on the

Decision of the UMFVBT Senate appointing the Director of CSD Medicine - Pharmacy, ([Annex 17](#)), as follows:

Prof. Univ. Dr. Tomescu Mirela Cleopatra – Head of the CSD

Prof. Univ. Dr. Puiu Maria – member

Prof. Univ. Dr. Vlad Daliborca Cristina - member

Prof. Univ. Dr. Munteanu Mihnea - member

Prof. Univ. Dr. Vlaia Lavinia - member

Prof. Univ. Dr. Alexa Ersilia Calina - member

Prof. Univ. Dr. Musuroi Sorin - member

Zbîrcea Elena – PhD student, member

Huț Alexandru Romulus – PhD student, member

All Doctoral School Council members were elected by vote according to the Methodology on the designation and election of the Council for University Doctoral Studies and the Doctoral School Council pertaining to the “Victor Babes” University of Medicine and Pharmacy of Timișoara, as well as the current legislation.

<https://www.umft.ro/reglementari-interne-csud/>

Currently, 83 PhD Leaders pertain to UMFVBT'S IOSUD Medicine-Pharmacy Doctoral School, namely to the Domain of Medicine, whereas 5 pertain to the Domain of Pharmacy.

At the present moment, 505 PhD students are conducting their studies within the Medicine Domain of the Medicine-Pharmacy Doctoral School, 112 of which have prolonged their study period beyond the 4th year, and 28 have temporarily suspended their studies.

Regarding the Domain of Pharmacy, there are 24 PhD students currently conducting their studies, and one student has temporarily suspended his study period.

Doctoral School of Medicine-Dental Medicine: establishment, structure, evolution

According to the UMFT Senate Decision No. 18/8140 from the 27th of June 2018 ([Annex 18](#)), the reactivation of the Doctoral School of Dental Medicine is approved, and shall have the following structure:

Prof. Univ. Dr. Cosmin Sinescu - Head

Prof. Univ. Dr. Stefan Ioan Strate - member

Prof. Univ. Dr. Carmen Todea - member

An elected member from the PhD leaders, MD domain

A doctoral student chosen, MD domain.

As a result of the elections by doctoral leaders represented in the Doctoral School Council, and according to the minutes of the 25th of September 2018 ([Annex 19](#)) and minutes following the elections of a Doctoral School Council representative from among the Doctoral students from the 25th of September 2018 ([Annex 20](#)) and according to the



UMFT Senate Decision No. 10/13008 from the 26th of September 2018 (**Annex 21**), the composition of the Council of the Doctoral School, Dental Medicine is as follows

Prof. Univ. Dr. Cosmin Sinescu - Head
Prof. Univ. Dr. Ramona Amine Popovici - member
Prof. Univ. Dr. Stefan Ioan Strate - member
Prof. Univ. Dr. Carmen Todea - member
Dr. Adrian Tudor Stan - PhD student – member

The University Senate approved the amendment regarding the composition of the Interim Council of the Doctoral School of Dental Medicine through the Senate Decision No. 208/18470 from the 18th of December 2020 (**Annex 22**), as according to the Methodology on the designation and election of the "Victor Babes" University of Medicine and Pharmacy Board for doctoral studies as well as the board of the Doctoral School, including external collaborators, the final organigram being as follows:

Prof. Univ. Dr. Sinescu Cosmin – Director
Prof. Univ. Dr. Jumanca Daniela Elisabeth – member
Prof. Univ. Dr. Popovici Ramona Amine - member
Prof. Univ. Dr. Ing. Marșavina Liviu - Polytechnic University Timisoara - member
Dr. Stan Adrian Tudor – PhD student – member

Following the election of two vacant position from among the PhD leaders pertaining to the Doctoral School of Dental Medicine as well as one vacant position regarding a member from outside the Doctoral School of Dental Medicine (with significant international scientific recognition) according to the minutes of the 25th of March 2021 (**Annex 23**), as well as according to results of the elections, (minutes from the 29th of March 2021) (**Annex 24**) regarding two vacant positions from among the Dental Medicine doctoral students, the University Senate approves the following composition of the Dental Medicine Doctoral School Council (Senate Decision No. 151/8890 from the 28th of April 2021, (**Annex 25**), as follows:

Prof. Univ. Dr. Sinescu Cosmin – Head of the Dental Medicine Doctoral School
Prof. Univ. Dr. Popovici Ramona Amina - member
Prof. Univ. Dr. Jumanca Daniela - member
Prof. Univ. Dr. Rominu Mihai - member
Prof. Univ. Dr. Marsavina Liviu, Timisoara Polytechnic University - member
Balica Andreea Gabriela, student-doctor - member
Neagu Carina Sonia, student-doctor - member

At Doctoral School level, administrative work is provided through the Doctoral School and CSUD Secretary Office, a structure currently consisting of two persons, responsible for the following specific tasks: secretary specific activities, correspondence work, updating of the Doctoral students and PhD leaders database, as well as other activities pertaining to the job description.

In the period 2016-2020, the composition and management of CSUD (**Annex 26**) was made up According to Senate Decision No. 17/5085 from the 27th of April 2017.



Prof. Univ. Dr. Sporea Ioan – Director
Prof. Univ. Dr. Poenaru Marioara - member
Prof. Univ. Dr. Petrescu Lucian - member
Prof. Univ. Dr. Neagu Adrian – member
Prof. Univ. Dr. Boia Eugen – member
Prof. Univ. Dr. Tomescu Mirela Cleopatra – member
Prof. Univ. Dr. Anghel Andrei – member
Prof. Univ. Dr. Simu Mihaela – member
Prof. Univ. Dr. Muntean Mirela – Danina - member
Prof. Univ. Dr. Stratul Ștefan Ioan – member
Mare Ruxandra Georgeta – PhD student

And according to the Senate Decision No. 5/5232 27th of March 2019.

Prof. Univ. Dr. Sporea Ioan – Director
Prof. Univ. Dr. Poenaru Marioara – member
Prof. Univ. Dr. Petrescu Lucian - member
Prof. Univ. Dr. Neagu Adrian – member
Prof. Univ. Dr. Boia Eugen – member
Prof. Univ. Dr. Tomescu Mirela Cleopatra – member
Prof. Univ. Dr. Anghel Andrei – member
Prof. Univ. Dr. Simu Mihaela – member
Prof. Univ. Dr. Muntean Mirela – Danina - member
Prof. Univ. Dr. Sinescu Cosmin – member
Prof. Univ. Dr. Dehelean Cristina Adriana - member
Țogoe Marius Mihai – PhD student

The interim period as CSUD Director was provided by Prof. Univ. Dr. Dehelean Cristina Adriana, until the contest and appointed by the decision of the Rector No. 80 from the 10th of March 2020 (**anexa 27a**), and the Council for University Doctoral Studies According to Senate Decision no. 13/4579/25.03.2020 had the following component:

Prof. Univ. Dr. Dehelean Cristina Adriana - CSUD Director, according to the competition <http://old.umft.ro/concurs-director-csud-2020> 853

Prof. Univ. Dr. Antal Diana Simona – member
Prof. Univ. Dr. Danciu Corina – member
Prof. Univ. Dr. Marian Cătălin Valer – member
Prof. Univ. Dr. Muntean Mirela - Danina – member
Prof. Univ. Dr. Muntean Mihnea - member
Prof. Univ. Dr. Popovici Ramona Amina – member
Prof. Univ. Dr. Porojan Liliana – member
Prof. Univ. Dr. Simu Mihaela Adriana – member
Prof. Univ. Dr. Poenaru Marioara – member
Conf. Univ. Dr. Stoian Dana Liana – member
Conf. Univ. Dr. Navolan Dan Bogdan – member
Dr. Țogoe Marius Mihai – student-doctorand – member elected by vote

According to Art. 10 of the Institutional Regulation regarding the organization and functioning of doctoral studies pertaining to the “Victor Babes” University of Medicine and Pharmacy of Timișoara, the CSUD consists of 7 to 17 members, a member being elected by universal, direct, secret and equal vote from among the doctoral leaders of the IOSUD Doctoral Schools, as well as a member being elected by universal, direct, secret and equal vote from among the doctoral students of the IOSUD Doctoral Schools, and at least 50 % of the members being appointed by the Rector, as according to Article 9(7) of the University Doctoral Studies Code. The Head of the CSUD is the executive director of IOSUD, being chosen from among the scientific personalities participating in a public competition organized for this specific position, as according to the law. The Rector shall sign a contract with the new head of the CSUD. The term of office pertaining to the CSUD shall be 4 years and the position of the Director of the CSUD shall be associated with that of the prorector, as stated in the Management contract No. 14184 from the 8th of October 2020 and additional clause No. 2035 from the 8th of October (**Annex 27b**).

As a result of the elections for occupying vacant CSUD positions for PhD leaders, and according to the minutes of the 15th of October 2020 (**Annex 28**) and following the elections for the CSUD member representing the Doctoral students, according to the minutes No. 16539 from the 6th of November 2020 (**Annex 29**) and the UMFVBT Senate Decision No. 206/18470 from the 18th of December 2020 (**Annex 30**), the CSUD is composed as follows:

Prof. Univ. Dr. Dehelean Cristina Adriana - Head of the CSUD, position obtained through a public contest <http://old.umft.ro/concurs-director-csud-2020> 853

Prof. Univ. Dr. Antal Diana Simona – member

Prof. Univ. Dr. Danciu Corina – member

Prof. Univ. Dr. Marian Catalin Valer – member

Prof. Univ. Dr. Muntean Mirela - Danina – member

Conf. Univ. Dr. Navolan Dan Bogdan – member

Prof. Univ. Dr. Porojan Liliana – member

Prof. Univ. Dr. Simu Mihaela Adriana – member

Prof. Univ. Dr. Stoian Dana Liana – member

Prof. Univ. Dr. Vlad Adrian Radu – member elected by vote

Dr. Togoe Marius Mihai – Phd student – member elected by vote

Currently, 14 PhD Leaders pertain to UMFVBT'S IOSUD Dental Medicine Doctoral School, namely to the Domain of Dental Medicine.

At the present moment, 87 PhD students are conducting their studies within the Dental Medicine Domain of the Dental Medicine Doctoral School, 18 of which have prolonged their study period beyond the 4th year, and 6 have temporarily suspended their studies.

The doctoral students of UMFVBT's IOSUD pertaining to the Medicine-Pharmacy and the Dental Medicine Doctoral Schools can carry out their scientific research work in the following **advanced research centers**, as well as the following methodological research centers (**Annex 31**):



In relation to the current state of scientific research on a national level, UMF "Victor Babes" Timisoara aims at exceling in at least two areas of research on a national scale (fundamental and translational research), increasing the number of post-university researchers working in the university's research centers, developing the infrastructure necessary for scientific research activities and at increasing annual research revenues.

The technical and material facilities have been continuously improved, research laboratories being equipped with modern equipment and installations, which have permitted the continuous increase in both the quality of the educational process and scientific research, the discipline members publishing in foreign specialized journals.

The admission of Doctoral students is done according to *the "Victor Babes" University of Medicine and Pharmacy Methodology on the organization of doctoral studies admission*. <https://www.umft.ro/admitere-doctorat-2021/>

PhD students are admitted to doctoral programs using a standard contract (*Doctoral studies contract*), which can be found on the University's website, according to their specific study Domain, and approved by the Board of Directors and the University Senate for each year of study. https://www.umft.ro/category/csud/informatii_doctoranzi/

All documents necessary for conducting the doctoral studies are published on the university's website. IOSUD UMF "Victor Babes" provides, through the Doctoral School Secretary's Office, as well as the university's website, complete information regarding the PhD degree programs, available for PhD students, the University community and other interested persons alike.

The mechanisms used for decisions taking regarding the appropriateness, structure and content of the Study Program, based on advanced University Studies, are mentioned in the *"Victor Babes" Univeristy of Medicine and Pharmacy Doctoral School Regulation*.

https://www.umft.ro/category/csud/reglemenetari_csud/

Changes regarding the content of the program are made by CSD proposal, and CSUD approval only.

The quality of the two Doctoral Schools' University Study Programs is based on content, high scientific level and topicality, being coherently conceived, compatible with similar programs in Romania and the European Union as well. According to the University Doctoral Studies Code (Government Decision No. 681 from the 29th of June 2011), the doctoral program is carried out only within the Doctoral School under the coordination of a Doctoral leader and includes:

- a training program based on **advanced university studies** (first year);

- an individual **scientific research** program (second, third and fourth year), according to LEN 1/2011.

The 2020-2021 first year doctoral student training programme based on advanced university studies includes mandatory fundamental disciplines, as well as optional disciplines:

1. Mandatory fundamental disciplines
2. Optional complementary disciplines
3. Scientific research project

Mandatory disciplines

Scientific research methodology – 6 credits

Scientific Research Ethics, European Research Legislation – 6 credits

Communication and oral presentation, biostatistics – 6 credits

Documentation, drafting and publication of scientific articles – 6 credits

Creation and management of research grants – 6 credits

Ethics and academic integrity – 6 credits

Optional disciplines

Experimental models in translational research – 4 credits

Medical Biotechnologies – 4 credits

Modern techniques in medical and pharmaceutical research – 4 credits

Bioinformatics and genomics applied in research – 4 credits

Medicine and evidence-based research – 4 credits

Nanomaterials and nanomedicine – 4 credits

Scientific research project – 20 credits

The model of the project is published on the UMFVBT website /www.umft.ro/category/csud/informatii_doctoranzi/, being updated every year.

Each doctoral student has the opportunity to opt for one the optional discipline offered, thus individualizing the route of one's doctoral studies, emphasizing the subject of interest for his research theme. The courses are taught by professors from the University of Medicine and Pharmacy "Victor Babeș" in Timisoara.

At the end of the advanced training year, PhD students must accomplish a scientific research project in which one must outline the general information regarding the doctoral research theme, the current level of knowledge in the addressed field of research, based on the information available in international publications. The Research Project Assessment Committee is composed of 3 PhD leaders and is validated by the Head of CSD / CSUD.

Doctoral research is organized using the following criteria: objectives, material, methods and techniques used, selection as well as inclusion/exclusion criteria, and statistical processing methods. Detailing the steps used in the conduct of the doctoral research includes: defining activities in regard to the pursued objectives, in tight relation

with a timetable that makes permits meeting the deadline imposed by the scientific research program, as well as measures taken for complying to bioethics rules pertaining to doctoral research.

The endpoint regarding the results in consisted of estimating the acceptable level of scientific dissemination pertaining to the specific topic, as well as identifying potential journals in the mainstream of publications.

In order to ensure a coherent scientific conduct, the PhD student must periodically present the progress made regarding one's scientific research, reporting to the Guidance Committee as well as the PhD leader, whose role is to guide, correct and support the scientific trajectory followed by the PhD student. The minutes, accompanied by the submitted periodical report will be attached to the doctoral student's personal file.

The scientific research program shall be deemed to have been completed only after the submission of at least 2 or 3 reports regarding the PhD Student's scientific research progress.

The scientific research program can be conducted only under the supervision of the PhD Leader and the Guidance Committee.

The intermediate results of the research program are to be submitted by the PhD student for assessment by the PhD leader as well as the Guidance Committee, in the form of periodical scientific research progress reports.

1.3. IOSUD Academic Doctoral Domains

Doctoral research within UMFVBT's IOSUD is carried out in the three main domains: **Medicine, Dental Medicine and Pharmacy**, and is coordinated by the two doctoral schools, the Doctoral School of Medicine-Pharmacy and the Doctoral School of Dental Medicine.

In correlation with the University's objectives, the objectives and mission of the two Doctoral Schools are as follows:

- To provide scientific, professional and deontological guidance to each PhD student;
- To propose new research themes;
- To ensure best conditions and stimulate the progress of PhD students in their research;
- To carry out objective and rigorous monitoring and evaluation activities of each PhD student;
- To support the mobility of PhD students;
- To avoid conflicts of interest regarding the guidance of doctoral students.
- To establish together with the PhD student each individual plan
- To organize and develop a specific formative process of the utmost quality, dedicated to the attainment of knowledge as well as practical skills indispensable for the conduct of high-performance scientific research;
- To form a critical eye, necessary for the objective evaluation of own research as well as that carried out by other researchers;

- To prepare and support PhD students in carrying out research specific to each doctoral thesis;
- To advise PhD students regarding the completing of research, as well as aiding in the drafting the doctoral thesis;
- To train PhD students in obtaining skills needed to develop and manage scientific research projects;
- To obtain and further develop the doctoral training framework necessary for a competitive system;
- To support and advise PhD leaders in becoming educational authorities in the field of scientific research.

The University's Advanced Training Program is carried out according to the curriculum, and is 2 semesters long for the Medicine, Dental Medicine and Pharmacy Domains.

The curriculum for Doctoral Studies is in accordance with national and European standards and ensures PhD students acquire the adequate knowledge pertaining to the Doctoral Study Domains.

The aforementioned curriculum is conceived according to Procedure for development of university doctoral studies and curriculum of the 'Victor Babes' University of Medicine and Pharmacy. <https://www.umft.ro/reglementari-interne-csud/>

The curriculum regarding doctoral studies includes mandatory disciplines, optional disciplines as well as the advanced scientific research project.

- Mandatory disciplines ensure that students accumulate the basic knowledge indispensable to their study domain.
- Optional disciplines allow emphasizing certain domains, in accordance with the specialization targeted by the student.

At the end of the advanced academic training year, PhD students must accumulate the necessary total number of credits, as provided for in the curriculum.

PhD students are guaranteed the right to free choice regarding the optional courses, in accordance with the current legal norms as well as the curriculum.

The completion of the study process is represented by examination, as provided for in the curriculum. The examination may be carried out in written, oral or other forms of knowledge assessment. The student is considered to have passed when, upon examination, one obtains grades ranging from minimum rating (satisfactory) to maximum rating (very good), as stated in the UMFVBT Examination and Scoring Regulation regarding PhD students. <https://www.umft.ro/reglementari-interne-csud/>

The Education Plans regarding the Medicine, Dental Medicine and Pharmacy Domains, as approved by the UMFVBT University Senate for the period 2016-2020 are presented in detail in point A.1.1.3.

Compared to the current year, the data are as follows: 83 PhD leaders carry out their activity in the Medicine academic domain (position obtained in compliance with the national laws); 14 PhD leaders carry out their activity in the Dental Medicine academic

domain (position obtained in compliance with the national laws); 5 PhD leaders carry out their activity in the Pharmacy academic domain (position obtained in compliance with the national laws). The doctoral leaders also supported the habilitations in other centers than UMFVBT.

Distribuția pe domenii a conducătorilor de doctorat în perioada 2016-2020

Year	2015	2016	2017	2018	2019	2020
Medicine						
Number of PhD Leaders	48	48	59	66	74	81
Number of Habilitation Theses	1	2	11	10	13	5
Dental Medicine						
Number of PhD Leaders	7	9	11	14	13	14
Number of Habilitation Theses	2	2	4	1	1	2
Pharmacy						
Number of PhD Leaders	-	-	-	3	4	5
Number of Habilitation Theses	1	-	-	-	-	-
Total Number of PhD Leaders		57	70	83	92	100

https://www.umft.ro/facultati/csud/csud_componenta-csud-si-descriere/

PhD Students admitted between 2015 and 2020

Year	2015	2016	2017	2018	2019
	-	-	-	-	-
	2016	2017	2018	2019	2020
Medicine	305	368	410	447	457
Dental Medicine	43	52	68	93	97
Pharmacy	-	-	-	14	21
TOTAL	348	420	478	554	675

PhD Students admitted between 2015 and 2020

Admission and registration of PhD Students in the first year of doctoral studies 2015 -2016

DOCTORAL STUDIES				
Domain	Full time, with scholarship	Full time, without scholarship	Full time, with tax	Total
Medicine	10	10	73	93
Dental Medicine	2	3	19	24
Total	12	13	92	117

Admission and registration of PhD Students in the first year of doctoral studies 2016 -2017

DOCTORAL STUDIES				
Domain	Full time, with scholarship	Full time, without scholarship	Full time, with tax	Total
Medicine	10	10	71	91
Dental Medicine	2	3	12	17
Total	12	13	83	108

Admission and registration of PhD Students in the first year of doctoral studies 2017 - 2018

DOCTORAL STUDIES				
Domain	Full time, with scholarship	Full time, without scholarship	Full time, with tax	Total
Medicine	10	12	88	110
Dental Medicine	2	0	18	20
Total	12	12	106	130

Admission and registration of PhD Students in the first year of doctoral studies 2018 - 2019

DOCTORAL STUDIES						
Domain	Full time with scholarship	Full time without scholarship	Part time without scholarship	Romanian State sponsored scholarship	Full time, with tax	Total
Medicine	9	2	8	0	126	145
Dental Medicine	3	1	2	0	29	35
Pharmacy	0	0	0	1	13	14
Total	12	3	10	1	166	192

Admission and registration of PhD Students in the first year of doctoral studies 2019 - 2020

DOCTORAL STUDIES				
Domain	Full time, with scholarship	Full time, without scholarship	Full time, with tax	Total
Medicine	9	10	55	74
Dental Medicine	2	2	5	9
Pharmacy	2	0	6	8



Total	13	12	66	91
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Admission and registration of PhD Students in the first year of doctoral studies 2020 - 2021

DOCTORAL STUDIES				
Domain	Full time, with scholarship	Full time, without scholarship	Full time, with tax	Total
Medicine	10	10	90	110
Dental Medicine	2	1	8	11
Pharmacy	1	1	5	7
Total	13	12	103	128

Evolution of the number of PhD Students pertaining to all Doctoral Schools Domains , between 2015 and 2020

Between 2015-2020, the doctoral theses were presented according to the doctoral studies contracts, in order to grant the doctoral title.

In the field of Medicine, in the period 2015 - 2020 there were 3 doctoral theses with the CNATDCU resolution to postpone a decision and / or complete the file. In the field of Dentistry, in the period 2015 - 2020 there were 4 doctoral theses with the CNATDCU resolution requesting the completion of the file. In the field of Medicine and Dentistry, no doctoral thesis has been definitively invalidated, without the right to remake. (**Annex 32**)

In the field of Pharmacy no doctoral thesis has been invalidated.

So far, no major problems have been reported with the doctoral theses within the UMFVBT Doctoral Schools and there are no definitively invalidated theses.

Total number of doctoral theses defended within the Doctoral School Medicine - Pharmacy during 01.10.2015 - 30.09.2020 - 151 doctoral theses (Medicine Domain - 149 defended theses, Pharmacy Domain 2 defended theses).

Doctoral theses defended jointly in IOSUD - UMFVBT, during 01.10.2015 -30.09.2020, Doctoral School of Medicine - Pharmacy - 3 doctoral theses.

Doctoral theses written in English in IOSUD - UMFVBT, during 01.10.2015 -30.09.2020, Doctoral School of Medicine - Pharmacy - 14 doctoral theses.

Total number of doctoral theses defended within the Doctoral School of Dentistry during 01.10.2015 - 30.09.2020, Dentistry - 17 doctoral theses.

Doctoral theses defended jointly in IOSUD - UMFVBT, during 01.10.2015 -30.09.2020, Doctoral School of Dentistry, Dentistry - 1 doctoral thesis.

Doctoral theses written in English in IOSUD - UMFVBT, during 01.10.2015 -30.09.2020, Doctoral School of Dentistry - 1 doctoral thesis.

Doctoral Theses conducted between 1st of Oct 2015 to the 30th	No. of theses
Medicine-Pharmacy Doctoral School	
Total number of PhD Theses	151
Joint Supervision PhD Theses	3
No of Theses written in English	14
Total no. of Joint Supervision/English Theses	17
Doctoral Theses conducted between 1st of Oct 2015 to the 30th	No. of theses
Dental Medicine Doctoral School	
Total number of PhD Theses	17
Joint Supervision PhD Theses	1
No of Theses written in English	1
Total no. of Joint Supervision/English Theses	2

Univeristy Year	2015/ 2016	2016/ 2017	2017/ 2018	2018/ 2019	2019/ 2020
Domain of Medicine					
Number of PhD Theses	20	35	22	34	38
Domain of Dental Medicine					
Number of PhD Theses	3	6	2	3	3
Domain of Pharmacy					
Number of PhD Theses	-	-	-	1	1
Total	23	41	24	38	42

In order to obtain the title of PhD Graduate, the articles published in extenso by the student must pertain to the research theme of the doctoral thesis. The PhD student is required to declare his affiliation with UMFVBT in all published works during his or her doctoral studies.

Each Thesis has been verified regarding copyright infringements using the platform provided by *sistemantiplagiat.ro*. The system operator has to examine the similitude report in order to track possible content copied in an unauthorized fashion, and the thesis must meet the following criteria:

1. similarity coefficient 1 does not exceed 50%
2. similarity coefficient 2 does not exceed 5%
3. absence of unauthorized similarities ('alert')

Based on the analysis of the similarity report, the system operator will conceive the "Assessment of the originality of the work". The verification period may not exceed 30 days from the date of submission of the doctoral thesis to the Doctoral School Secretary office.

The following table represents the number of scientific articles published in IF journals, or in BDI classified Journals, as reported by PhD students in their PhD Theses.

Year	2016	2017	2018	2019	2020	TOTAL
Medicine	108	96	108	120	94	526
Dental Medicine	21	26	5	22	9	83
Pharmacy	-	-	-	4	3	7
TOTAL	129	122	113	146	106	616

Doctoral theses conducted in the 2015 – 2016 University year

Domain of Medicine

No.	PhD Student Name	PhD Leader Name	Title of PhD Thesis/Confirmed by	Presentation date
1.	Sass Camelia	Prof. Univ. Dr. Păunescu Virgil	Triterpenic compounds with antitumor effect: experimental studies in vitro and in vivo OMENCS no. 5954/ 07.12.2015	02.10.2015
2.	Anastasiu-Diana-Maria (Popov)	Prof. Univ. Dr. Păunescu Virgil	The influence of the peritumoral environment on the development of solid tumors OMENCS no. 5954 / 07.12.2015	02.10.2015
3.	Mozoș Lavinia Anca	Prof. Univ. Dr. Matcău Liviu	Evolutionary prognostic and management assessments in acute strokes in the intensive care unit OMENCS no. 3209 23.02.2016	18.12.2015
4.	Pavel Adrian Ionel	Prof. Univ. Dr. Boia Eugen	Diagnostic and therapeutic correlations in the prognosis of hip development dysplasia OMENCS no. 3209 23.02.2016	21.12.2015
5.	Purcărița Trandafir Dacian Amandos	Prof. Univ. Dr. Ardeleanu Elena Aurora	Evolutionary prognostic and management assessments in acute strokes in the intensive care unit OMENCS no. 3209 23.02.2016	11.01.2016

6.	Boia Eugen Radu	Prof. Univ. Dr. Poenaru Marioara	Clinical-pathological and histological peculiarities of laterocervical adenopathy OMENCS no. 3209 23.02.2016	15.01.2016
7.	Vlădău Mircea	Prof. Univ. Dr. Raica Marius	Comparative histological aspects of periodontal tissue healing after different types of guided tissue regeneration OMENCS no. 3867 27.05.2016	26.01.2016
8.	Marghescu Florin	Prof. Univ. Dr. Teodorescu Marius	Correlation between staging and surgical treatment in breast cancer OMENCS no. 4954 17.08.2016	8.04.2016
9.	Țaga Raluca Claudia (Grădinaru)	Prof. Univ. Dr. Puiu Maria	Pharmacogenetic implications in antipsychotic therapy in children OMENCS no. 4954 17.08.2016	29.04.2016
10.	Munteanu Melania Veronica (Ardelean)	Prof. Univ. Dr. Sporea Ioan	Utility of contrast ultrasound (CEUS) in pancreatic pathology OMENCS no. 4954 17.08.2016	6.05.2016
11.	Dobre Marioara	Prof. Univ. Dr. Poenaru Marioara	Diagnostic value and therapeutic implications of autofluorescence endoscopy in larynx tumours OMENCS no. 4954 17.08.2016	27.05.2016
12.	Bilan Simona Claudia (Popescu)	Prof. Univ. Dr. Simu Mihaela	Impact of diabetic neuropathy on diabetes patient OMENCS no. 4954 17.08.2016	7.06.2016
13.	Andrica Florina Maria	Prof. Univ. Dr. Dragan Simona	Evaluation of the multi-target effect of spirulina platensis in vitro and in vivo OMENCS no. 3148 30.01.2017	30.06.2016
14.	Dragomir Tiberiu	Prof. Univ. Dr. Tomescu Mirela	Clinical-evolutionary peculiarities of the elderly patient with heart failure	08.07.2016

			OMENCS no. 3769 20.04.2017	
15.	Ferician Ovidiu Cătălin	Prof. Univ. Dr. Raica Marius	Mechanisms of resistance to antiangiogenic therapy in renal cancer OMENCS no. 3769 20.04.2017	11.07.2016
16.	Dănila Maria Daniela	Prof. Univ. Dr. Muntean Danina	Protection against experimental ischemia/reperfusion injury: novel mechanistic insights in heart and kidney OMENCS no. 3769 20.04.2017	15.07.2016
17.	Cuc Ioana (Hepcal-Cuc)	Prof. Univ. Dr. Motoc Andrei	Impact of clinically and animal experimental model evaluated contraceptive products OMENCS no. 3148 30.01.2017	22.07.2016
18.	Petruș Alexandra	Prof. Univ. Dr. Muntean Danina	Characterization of novel benzopyran compounds with cardioprotective properties OMENCS no. 3148 30.01.2017	22.07.2016
19.	Popescu Mihai Claudiu	Prof. Univ. Dr. Romoșan Ioan	C type viral liver disease: epidemiology, non-invasive markers OMENCS no. 3148 30.01.2017	20.09.2016
20.	Mihala Adrian	Prof. Univ. Dr. Anghel Andrei	Molecular markers of gene structure and expression in cancer OMENCS no. 5859 din 28.11.2016	23.09.2016

Doctoral theses conducted in the 2015 – 2016 University year

Domain of Dental Medicine

No.	PhD Student Name	PhD Leader Name	Title of PhD Thesis/Confirmed by	Presentation date
1.	Kralev Lidia Caroline	Prof. Univ. Dr. Onisei Doina	Periodontal risk factor in disease management of Marginal parodontism OMENCS no. 3867 27.05.2016	16.10.2015



2.	Krlev Alexander Daniel	Prof. Univ. Dr. Cârligeriu Virgil	Clinical and laboratory evaluation of a new biomaterial used in keratinized gum augmentation OMENCS no. 3867 27.05.2016	16.10.2015
3.	Jianu Alexandru	Prof. Univ. Dr. Onisei Doina	Modern methods of clinical- microbiological evaluation and imaging of tissue changes induced by orthodontic treatment in adults affected by periodontal disease OMENCS no. 3867 27.05.2016	16.12.2015

Doctoral theses conducted in the 2016 – 2017 University year

Domain of Medicine

No.	PhD Student Name	PhD Leader Name	Title of PhD Thesis/Confirmed by	Presentation date
1.	Scurtu Ileana Luminița	Prof. Univ. Dr. Muntean Danina	Considerations on the effects of hypolipemic medication on mitochondrial function OMENCS no. 3148 30.01.2017	07.10.2016
2.	Pătruț George Valentin	Prof. Univ. Dr. Ionac Mihai	Antihyperplastic effect of vascular growth factor receptor inhibitors in the laboratory animal OMENCS no. 3769 20.04.2017	07.10.2016
3.	Șoșdean Raluca	Prof. Univ. Dr. Pescariu Sorin	Role of biventricular stimulation with VDD probes in the treatment of heart failure OMENCS no. 3148 30.01.2017	14.10.2016
4.	Buda Valentina	Prof. Univ. Dr. Tomescu Mirela	Effects of perindopril and candesartan on vascular endothelium in hypertensive patients, assessed by pentraxin-3, endoglin and thrombospondine-1 OMENCS no. 3769 20.04.2017	27.10.2016



5.	Brânzan Amalia Magdalena (Cornea)	Prof. Univ. Dr. Simu Mihaela	Epidemiologia multiple sclerosis in the western region of Romania OMENCS no. 3769 20.04.2017	31.10.2016
6.	Sorică Romanescu Cristina	Prof. Univ. Dr. Ioniță Hortensia	Influence of prognostic factors in multiple myeloma OMENCS no. 3148 30.01.2017	01.11.2016
7.	Crișan Dan	Prof. Univ. Dr. Vermeșan Horia	Biomechanical implications in tibial plateau fracturing – a clinical and experimental study OMENCS no. 3148 30.01.2017	11.11.2016
8.	Jude Cristina Elena (Bălărie)	Prof. Univ. Dr. Motoc Andrei	Elaboration of a questionnaire to assess urinary incontinence in women OMENCS no. 3148 30.01.2017	11.11.2016
9.	Ciobotea Dana	Prof. Univ. Dr. Vlaicu Brigitha	Quantification of changes in sleep parameters, well- being and quality of life in the context of clinical improvement after cataract surgery OMENCS no. 3769 20.04.2017	14.11.2016
10.	Rotaru Iulia Cristina (Bagiu)	Prof. Univ. Dr. Vlaicu Brigitha	Population study on binge drinking behaviour in Timisoara students OMENCS no. 4097 20.06.2017	14.11.2016
11.	Ciolacu Roxana Alexandra (Voişan)	Prof. Univ. Dr. Ionac Mihai	Contributions in improving the biocompatibility of bone grafts made from porous biocomposite materials OMENCS no. 3769 20.04.2017	18.11.2016
12.	Ilinca Loredana (Luca)	Prof. Univ. Dr. Săndesc Dorel	Monitoring and evaluation of the prognosis of the neurocritical patient in intensive care OMENCS no. 3769 20.04.2017	23.11.2016

13.	Neagoe Ionela (Iovan)	Prof. Univ. Dr. Tudorache Voicu	Prevalence of obstructive pulmonary syndromes in the adult population of Timis County OMENCS no. 3769 20.04.2017	25.11.2016
14.	Miclăuș Grațian Dragoslav	Prof. Univ. Dr. Matusz Petru	Study of morphological variability of multiple renal arteries (additional and accessories) by MDcT angiography OMENCS no. 4097 20.06.2017	16.12.2016
15.	Olariu Ramona Cristina	Prof. Univ. Dr. Ilie Constantin	Myocardial performance parameters in long-term follow-up of fallot disease OMENCS no. 4384 18.07.2017	16.12.2016
16.	Perianu Andreea Iulia (Dobrescu)	Prof. Univ. Dr. Puiu Maria	Clinical, genetical and functional peculiarities in Prader Willi syndrome OMENCS no. 3769 20.04.2017	16.12.2016
17.	Nodiți George Mihai	Prof. Univ. Dr. Lazăr Fulger	Alloplastic substitution in case of voluminous parietal defects OMENCS no. 3769 20.04.2017	19.12.2016
18.	Cobec Ionuț Marcel	Prof. Univ. Dr. Raica Marius	The prognostic impact and therapeutic potential of growth factors on ovary tumors OMEN no. 4097 20.06.2017	24.02.2017
19.	Cioca Roxana Andreea	Prof. Univ. Dr. Raica Marius	The peculiarities of the molecular subtypes of hepatocarcinoma and their impact on the prognosis and targeted therapy OMEN no. 4097 20.06.2017	24.02.2017
20.	Luculescu Maria Daniela (Dănilă)	Prof. Univ. Dr. Muntean Danina Prof. Univ. Dr. Denis Angoulvant,	Protection against experimental ischemia/reperfusion injury: novel mechanistic insights in heart and kidney OMEN no. 3769 20.04.2017	24.02.2017

		Universitatea „François Rabelais” Tours, Franța		
21.	Trocan Ilie	Prof. Univ. Dr. Vermeșan Horia	Research related to rupture of the anterior cruciate ligament of the knee and long term problems arising from these injuries OMEN no. 5298 05.10.2017	07.04.2017
22.	Mioc Mihail Lazar	Prof. Univ. Dr. Vermeșan Horia	Reconstructive surgical techniques used in treatment of musculoskeletal tumours in the pelvic limb OMEN no. 4384 18.07.2017	07.04.2017
23.	Todea Delia Maria (Mincă)	Prof. Univ. Dr. Brad Silviu	Biological algorithms for the evaluation of contrast substances used in magnetic resonance imaging explorations OMEN no. 5298 05.10.2017	20.04.2017
24.	Corlan Ana Silvia	Prof. Univ. Dr. Raica Marius	Effect of endothelial growth factors on pituitary adenomas OMEN no. 5308 20.11.2019	09.06.2017
25.	Burian Caius Alexandru Ștefan	Prof. Univ. Dr. Păunescu Virgil	Optimization of physico-chemical tissue decellularization methods for obtaining biological matrix OMEN no. 5701 27.12.2017	09.06.2017
26.	David Ovidiu Tiberiu	Prof. Univ. Dr. Neagu Adrian	Use of computer imaging programs in dental practice and research OMEN no. 5298 05.10.2017	13.06.2017
27.	Băbeanu Ghenciu	Prof. Univ. Dr. Ilie constantin	Clinical and experimental research on the prophylaxis of neonatal respiratory	05.07.2017

	Andreea (Frățilă)		distress syndrome in premature born children OMEN no. 5298 05.10.2017	
28.	Marc Mirela Letiția (Mogoi)	Prof. Univ. Dr. Ilie constantin	Study of risk factors involved in the development and evolution of child obesity OMEN no. 5298 05.10.2017	5.07.2017
29.	Graure Florina (Stoica)	Prof. Univ. Dr. Puiu Maria	Genetic, clinical and functional peculiarities in premature retinopathy OMEN no. 5298 05.10.2017	11.07.2017
30.	Ardelean Florina	Prof. Univ. Dr. Drăgan Simona	Contributions to the study of polyphenolic plant extracts and dietary supplements used in the treatment of metabolic syndrome OMEN no. 5298 05.10.2017	28.07.2017
31.	Pavel Ioana Zinuca	Prof. Univ. Dr. Muntean Danina Prof. Univ. Dr. René CSUK, Universitatea „Martin-Luther Halle-Wittenberg” Halle, Germania	Experimental research regarding the in vitro and in vivo effects of a maslinic acid derivative OMEN no. 5701 27.12.2017	06.09.2017
32.	Berceanu Mircea Florin	Prof. Univ. Dr. Bratu Tiberiu	Contributions to the study of melanoma at experimental level OMEN no. 5701 27.12.2017	22.09.2017
33.	Bloancă Vlad Adam	Prof. Univ. Dr. Bratu Tiberiu	Clinical and experimental multimodal approach to the influence of adipose tissue addition on the regeneration of the damaged peripheral nerve	22.09.2017

			OMEN no. 5701 27.12.2017	
34.	Iftode Andrada	Prof. Univ. Dr. Motoc Andrei	Highlighting particular anatomical-pathological aspects in the evolution of experimental skin cancer with impact for clinical trials OMEN no. 5701 27.12.2017	28.09.2017
35.	Iancu Oana Cătălina	Prof. Univ. Dr. Mancaș Silvia	Global cardiovascular risk - essential component of secondary post- vascularisation prophylaxis programmes myocardial OMEN no. 3356 21.03.2018	28.09.2017

Doctoral theses conducted in the 2016 – 2017 University year

Domain of Dental Medicine

No.	PhD Student Name	PhD Leader Name	Title of PhD Thesis/Confirmed by	Presentation date
1	Păsărin Teodora Adina	Prof. Univ. Dr. Podariu Angela	Aesthetic orthodontic treatment in the adult patient with a completely individualized lingual system OMENCS no. 3769 20.04.2017	06.10.2016
2	Bica Anamaria	Prof. Univ. Dr. Podariu Angela	Assessment of oro-dental health and promotion of dental hygiene methods in children in primary education in Timis County OMENCS no. 3769 20.04.2017	06.10.2016
3	Mihali George Sorin	Prof. Univ. Dr. Borțun Maria	Reshaping the preimplantation bone by optimizing milling technique and superstructures on dental implants OMENCS no. 3148 30.01.2017	11.11.2016
4	Cânjău Silvana	Prof. Univ. Dr. Todea Carmen	Optimization of non-invasive techniques for early	18.11.2016

			diagnosis of oro-facial lesions OMENCS no. 3769 20.04.2017	
5	Pop Daniel Alexandru	Prof. Univ. Dr. Romînu Mihai	Metallic components of fixed prosthetic restorations, between classic and modern OMENCS no. 3769 20.04.2017	07.12.2016
6	Buzatu Roxana	Prof. Univ. Dr. Onisei Doina	Changes in aesthetic and gum parameters in Dental medicine OMEN no. 4193 27.07.2018	12.07.2017

Doctoral theses conducted in the 2017 – 2018 University year

Domain of Medicine

No.	PhD Student Name	PhD Leader Name	Title of PhD Thesis/Confirmed by	Presentation date
1.	Văduva Adrian	Prof. Univ. Dr. Dema Alis	Personal contributions to the implementation and development of confocal microscopy within the university of medicine and pharmacy "Victor babes2 in Timisoara OMEN nr. 5701 27.12.2017	13.10.2017
2.	Brînzeu Andrei	Prof. Univ. Dr. Simu Mihaela	Selection criteria for microvascular decompression for trigeminal neuralgia OMEN nr. 3356 21.03.2018	17.10.2017
3.	Schiopu Cristian Cătălin	Prof. Univ. Dr. Șișu Eugen	Modern glycomedical methods for detecting and analyzing potential brain tumor biomarkers by mass spectrometry OMEN nr. 3356 21.03.2018	18.10.2017
4.	Axente Carmen	Prof. Univ. Dr. Licker Monica sorina	Contributions regarding the burden of microbial multi-resistance in an intensive care unit OMEN nr. 3356 21.03.2018	19.10.2017
5.	Trăilă Daniel	Prof. Univ. Dr. Tudorache Voicu	Clinical predictors in the diagnosis of idiopathic pulmonary fibrosis	12.12.2017

			OMEN nr. 4193 27.07.2018	
6.	Verdeș Gabriel	Prof. Univ. Dr. Lazăr Fulger	Effect of bariatric surgical techniques on the molecular profile of the obese patient OMEN nr. 3779 04.06.2018	15.12.2017
7.	Mare Ruxandra Georgeta	Prof. Univ. Dr. Sporea Ioan	Utility of ultrasound-based elastography in the evaluation of liver fibrosis OMEN nr. 3594 19.04.2018	18.12.2017
8.	Moga Tudor	Prof. Univ. Dr. Sporea Ioan	Computer-assisted diagnostic system for improving medical decisions, using in ultrasound with contrast substance (ceus) for circumscribed liver lesions OMEN nr. 3356 21.03.2018	18.12.2017
9.	Bălu Ionela Sevilla (Bujor)	Prof. univ.dr. Raica Marius	Molecular characterization of angiogenic and lymphangiogenic profile of mammary carcinomas OMEN nr. 4193 27.07.2018	09.03.2018
10.	Bende Felix Barna	Prof. univ.dr. Sporea Ioan	Utility of two-dimensional Shear Wave (2D-SWE) elastography in liver fibrosis assessment OMEN nr. 4193 27.07.2018	26.03.2018
11.	Camerota Tommaso Ciro	Prof. univ.dr. Raica Marius	Primary bladder neck obstruction: a new etiopathogenesis OMEN nr. 4193 27.07.2018	29.03.2018
12.	Nyiredi Alexandra	Prof. univ.dr. Ilie Constantin	Data acquisition systems in the neonatology department. The basis of a newborn pain-signalling technology OMEN nr. 5745 28.12.2018	11.05.2018
13.	Sîmbrac Mihaela Cristina	Prof. univ.dr. Vlaicu Brigitha	Assessment of dietary behaviour in relation to body mass index and physical activity program in secondary and high school school students OMEN nr. 5745 28.12.2018	15.06.2018

14.	Pantea Cristina Diana	Prof. univ.dr. Vlaicu Brigitha	Models of alcohol and drug use in young people in relation to behaviours at risk of road injury OMEN nr. 5745 28.12.2018	15.06.2018
15.	Ardelean Ancuța Mioara (Banu)	Prof. univ.dr. Vlaicu Brigitha	Impact of oral health on the development and quality of life of prepubertary school children in Timisoara OMEN nr. 5745 28.12.2018	15.06.2018
16.	Doca Sorin Cristian	Prof. univ.dr. Anghel Andrei	New bioactive compounds in the process of osteogenesis OMEN nr. 5745 28.12.2018	25.06.2018
17.	Marian Diana	Prof. univ.dr. Anghel Andrei	Implications of vitamin d in periodontal disease etiopathogeny OMEN nr. 5745 28.12.2018	25.06.2018
18.	Delcea Cristian	Prof. univ.dr. Enache Alexandra	Decision-making in the act of murder OMEN nr. 5474 14.11.2018	27.06.2018
19.	Grosu Iulia Dana	Prof. univ.dr. Sporea Ioan	Utility of ultrasound-based elastography in kidney evaluation OMEN nr. 5474 14.11.2018	11.07.2018
20.	Centea Luminita Ștefania	Prof. univ.dr. Puiu Maria	Implications of cyp2c19 pharmacogenetics in antidepressant treatment of children and adolescents in Romania OMEN nr. 5745 28.12.2018	03.09 2018
21.	Bizerea Teofana	Prof. univ.dr. Ie Constantin	Selenium status and newborn profile OMEN nr. 5745 28.12.2018	26.09.2018
22.	Munteanu Irina (Popescu)	Prof. univ.dr. Mancaș Silvia	Athlete assesment of left ventricular function using new echocardiographic methods OMEN nr. 3693 19.03.2019	26.09.2018

Doctoral theses conducted in the 2017 – 2018 University year

Domain of Dental Medicine

No.	PhD Student Name	PhD Leader Name	Title of PhD Thesis/Confirmed by	Presentation date
2	Krems Cristina	Prof. Univ. Dr. Podariu Angela	Avant-garde techniques at the intersection of aesthetics and dental cosmetics OMEN nr. 4342 27.06.2019	06.10.2017

1	Hajaj Tareq	Prof. univ.dr. Sinescu Cosmin	Interdisciplinary approaches to the assessment of the interface between implant and blunt OMEN nr. 5474 14.11.2018	06.07.2018
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Doctoral theses conducted in the 2018 – 2019 University year

Domain of Medicine

No.	PhD Student Name	PhD Leader Name	Title of PhD Thesis/confirmed by	Presentation date
1.	Gherman Gabriela Florentina (Mut-Vitcu)	Prof. Univ. Dr. Gaiță Dan	Assessment of the relationship between diabetes mellitus, depression and cardiovascular disease OMEN nr. 4342 27.06.2019	11.10.2018
2.	Trandafir Rodica Narcisa (Tănăsescu)	Prof. Univ. Dr. Matusz Petru	Anatomical-clinical, experimental and endocrino-metabolic study on microarchitecture and bone remodeling in postmenopausal osteoporosis outpatients OMEN nr. 4342 27.06.2019	12.10.2018
3.	Miroiu Claudia Cristina (Vasilian)	Prof. Univ. Dr. Poenaru Dan	Cognitive impairment and quality of life of elderly people with hip fracture OMEN nr. 4517 22.07.2019	26.10.2018
4.	Osakwe Henry Ifeanyi	Prof. Univ. Dr. Boia Eugen	The implication of bacterial overgrowth and bacterial translocation in short bowel syndrome OMEN nr. 3693 19.03.2019	02.11.2018
5.	Tudorache Emanuela Theodora	Prof. Univ. Dr. Petrescu Lucian	Systemic inflammation – a risk factor for comorbidities of chronic obstructive pulmonary disease OMEN nr. 5745 28.12.2018	06.11.2018
6.	Mogoi Cosmin Lucian	Prof. Univ. Dr. Tudorache Voicu	Respiratory recovery in post-thoracopulmonary surgery patients OMEN nr. 5345 25.11.2019	09.11.2018
7.	Ciolofan Alexandru	Prof. Univ. Dr. Raica Marius	Molecular profile of gastrointestinal tumors and corresponding liver metastases OMEN nr. 3693 19.03.2019	16.11.2018

8.	Roi Ciprian Ioan	Prof. Univ. Dr. Raica Marius	Reshaping of vascular and lymphatic gum plexuses under physiological and pathological conditions OMEN nr. 3693 19.03.2019	16.11.2018
9.	Preda Maria Alexandra	Prof. Univ. Dr. Munteanu Mihnea	Reduction of intraocular pressure in cases of refractory glaucoma using the micropulsed transscleral laser cyclophotocoagulation technique OMEN nr. 3693 19.03.2019	16.11.2018
10.	Văduva Cristina Julietta (Sava)	Prof. Univ. Dr. Motoc Andrei	Anatomical and exploratory research of the ethmoid OMEN nr. 3693 19.03.2019	22.11.2018
11.	Anechitei Ionela Andreea	Prof. Univ. Dr. Muntean Mirela Danina	Contributions in elucidating the role of methylene blue in cardiovascular protection OMEN nr. 3693 19.03.2019	23.11.2018
12.	Ciuturoianu Diana (Uțu)	Prof. Univ. Dr. Muntean Mirela Danina	Contributions in elucidating the role of monoaminoxidase-mediated vascular oxidative stress: experimental and clinical study OMEN nr. 3693 19.03.2019	23.11.2018
13.	Paparău Cristian	Prof. Univ. Dr. Enache Alexandra	Biostatistical patterns and diagnostic algorithm in hanging OMEN nr. 4517 22.07.2019	07.12.2018
14.	Preda Marius Daniel	Prof. Univ. Dr. Șișu Eugen	Selective extracts from birch bark and their experimental antiproliferative and non- invasive testing OMEN nr. 4517 22.07.2019	07.12.2018
15.	Iacob Nicoleta	Prof. Univ. Dr. Matusz Petru	Study of morphological variability of celiac trunk and aberrant liver arteries by mdct angiography OMEN nr. 3693 19.03.2019	14.12.2018
16.	Voica Sorina Alina	Prof. Univ. Dr. Tudorache Voicu	The importance of body constitution and balance deficiency in patients with COPD OMEN nr. 3693 19.03.2019	17.12.2018
17.	Erdelean Dragoș	Prof. Univ. Dr.	The role of genetic variants in	18.01.2019

		Anastasiu Doru Mihai	first trimester abortion OMEN nr. 4193 29.05.2019	
18.	Oancea Alexandru	Prof. Univ. Dr. Anastasiu Doru Mihai	Etiology of premature births in Arad County VERY GOOD rating OMEN nr. 5345 25.11.2019	18.01.2019
19.	Oprea Maria Cristina	Prof. Univ. Dr. Lazăr Fulger	Diagnostic performance of real-time elastography to predict the malignancy of thyroid nodules VERY GOOD rating OMEN nr. 5308 20.11.2019	22.03.2019
20.	Iman Vlad Francisc	Prof. Univ. Dr. Păunescu Virgil	Biocompatibility magnetic nanoparticles and cytotoxic effects on normal and tumor cells VERY GOOD rating OMEN nr. 4517 22.07.2019	06.05.2019
21.	Nagib Riham	Prof. Univ. Dr. Brad Silviu	The digital approach diagnosis of dental-maxillary and current concepts in applied medical imaging EXCELENT rating OMEN nr. 4517 22.07.2019	23.05.2019
22.	Mang Niculina	Prof. Univ. Dr. Anghel Andrei	Genetic biomarkers și metabolics in pathology Pediatric EXCELENT rating OMEN nr. 5308 20.11.2019	24.05.2019
23.	Mardare Mihai	Prof. Univ. Dr. Poenaru Dan	Research regarding treatment of early-onset scoliosis using magnetically controlled growth rods VERY GOOD rating OMEN nr. 5308 20.11.2019	24.05.2019
24.	Manda Nicoleta (Nicolae)	Prof. Univ. Dr. Vlaicu Brigitha	Health risks associated with the onset of sexual life in female medicine students VERY GOOD rating OMEN nr. 5345 25.11.2019	28.06.2019
25.	Horhat Răzvan	Prof. Univ. Dr. Vlaicu Brigitha	Health risks associated with the consumption of psychoactive substances in students VERY GOOD rating	28.06.2019

			OMEN nr. 5308 20.11.2019	
26.	Brîncoveanu Maria-Ana	Prof. Univ. Dr. Vlaicu Brigitha	Suicidal behaviour in students associated with alcohol and drug consumption in specified social context VERY GOOD rating OMEN nr. 5308 20.11.2019	28.06.2019
27.	Săndesc Mihai Alexandru	Prof. Univ. Dr. Pătrașcu Jenel Marian	Influence of increased doses of antioxidants on clinical prognosis in patients with multiple trauma EXCELENT rating OMEN nr. 5308 20.11.2019	28.06.2019
28.	Șargan Izabella (Petre)	Prof. Univ. Dr. Craina Marius Lucian	The usefulness of assessing arterial function in pregnant women at cardiovascular risk EXCELENT rating OMEN nr. 5345 25.11.2019	05.07.2019
29.	Nicola Patricia Luminița	Prof. Univ. Dr. Ardeleanu Elena Aurora	Management of resistant hypertension in family medicine VERY GOOD rating OMEN nr. 4496 10.06.2020	12.07.2019
30.	Popa Gheorghița	Prof. Univ. Dr. Munteanu Mihnea	Therapeutic procedures in patients diagnosed with glaucoma VERY GOOD rating OMEN nr. 4496 10.06.2020	31.07.2019
31.	Oprea Anda Gabriela (Militaru)	Prof. Univ. Dr. Matusz Petru	Identification of early changes in cardiotoxicity and vascular impairment induced by chemotherapy treatment in patients with acute leukaemia EXCELENT rating OMEN nr. 5644 30.12.2019	13.09.2019
32.	Sala-Cîrtog Maria Alexandra	Prof. Univ. Dr. Anghel Andrei	Genetic material transfer from plants – a new mechanism of action of medicinal plants used in therapy EXCELENT rating OMEN nr. 5644 30.12.2019	19.09.2019
33.	Petcu Nicoleta Florina	Prof. Univ. Dr. Drăgan Simona	Vitamin deficiency, arterial stiffness and severity of	26.09.2019



			systemic atherosclerotic disease calificativ EXCELENT OMEN nr. 5644 30.12.2019	
34.	Avram Livia Cristina (Borcan)	Prof. Univ. Dr. Tomescu Mirela Cleopatra	Studies in the field of hydrogen sulfide and phytocompounds with cardiovascular system implications EXCELENT rating OMEN nr. 5644 30.12.2019	27.09.2019

Doctoral theses conducted in the 2018 – 2019 University year

Domain of Dental Medicine

No.	PhD Student Name	PhD Leader Name	Title of PhD Thesis/Confirmed by	Presentation date
1	Mihălcioiu Codruța Victoria	Prof. Univ. Dr. Podariu Angela Codruța	Ethical and deontological aspects in clinical- radiological practice in dental medicine VERY GOOD rating CNATDCU from 18.07.2019 needs completion OMEN nr. 4496 10.06.2020	18.01.2019
2	Savencu Cristina Elena	Prof. Univ. Dr. Porojan Liliana	Personal considerations regarding evaluations of metallic prosthetic restorations fabricated by additive cad/cam technologies VERY GOOD rating OMEN nr. 5345 25.11.2019	13.06.2019
3	Lugojan Toma Simina (Boia)	Prof. Univ. Dr. Stratul Ștefan Ioan	Assessment of oxidative stress in patients with periodontitis treated with systemic antibiotherapy EXCELENT rating OMEN nr. 5644 30.12.2019	30.09.2019



Doctoral theses conducted in the 2018 – 2019 University year

Domain of Pharmacy

No.	PhD Student Name	PhD Leader Name	Title of PhD Thesis	Presentation date
1	Cîrcioban Denisa Laura	Prof. Univ. Dr. Dehelean Cristina Adriana	Biological and physico-chemical complex screening of several derivatives with sesquiterpenic structure. EXCELENT rating OMEN nr. 5644 30.12.2019	30.09.2019

Doctoral theses conducted in the 2019 – 2020 University year

Domain of Medicine

No.	PhD Student Name	PhD Leader Name	Title of PhD Thesis/Confirmed by	Presentation date
1.	Cipu Dan Simion	Prof. Univ. Dr. Dumitrașcu Victor	Pharmacological, clinical and experimental study on the evaluation of triple amlodipine, valsartan and hydrochlorothiazide therapies to optimize the approach of the Hypertensive geriatric patient VERY GOOD rating OMEN nr. 4021 07.04.2020	17.10.2019
2.	Jugănaru Iulius	Prof. Univ. Dr. Puiu Maria	New methods of prophylaxis in cardio-metabolic diseases GOOD rating OMEN nr. 4021 07.04.2020	24.10.2019
3.	Simina Iulia Elena	Prof. Univ. Dr. Puiu Maria	Evaluation strategies of genetic pathology correlated to technologic and informatic progress GOOD rating OMEN nr. 5748 13.10.2020	24.10.2019
4.	Abu Awwad Ahmed	Prof. Univ. Dr. Vermeșan Dinu	Clinical, paraclinical, morphopathological and imaging aspects in the definition of invasive and noninvasive treatment of	25.10.2019

			degenerative pathology of the spine and its effects on the functional status of the patient VERY GOOD rating OMEN nr. 5644 30.12.2019	
5.	Văcărescu Cristina	Prof. Univ. Dr. Petrescu Lucian	Dual Chamber stimulation with fusion at the right atrium/left ventricle in cardiac resynchronization therapy EXCELENT rating OMEN nr. 5644 30.12.2019	25.10.2019
6.	Gîndac Ciprian Mihai	Prof. Univ. Dr. Săndesc Dorel	Implications of plasma loss at the beginning of therapeutic plasma exchange VERY GOOD rating OMEN nr. 4021 07.04.2020	01.11.2019
7.	Luchian Alexandru	Prof. Univ. Dr. Poenaru Dan	Metal osteosynthesis in the diaphysis fractures of long bones. experimental and clinical study VERY GOOD rating OMEN nr. 4021 07.04.2020	08.11.2019
8.	Păunescu Andrei Ionuț	Prof. Univ. Dr. Marian Cătălin Valer	Diagnostic value of new genetic and epigenetic markers in prostate adenocarcinoma VERY GOOD rating OMEN nr. 4021 07.04.2020	15.11.2019
9.	Savu Carmen Loredana	Prof. Univ. Dr. Pescariu Sorin	Sleep apnea syndrome-a prognostic factor in patients with NYHA II and III class heart failure VERY GOOD rating OMEN nr. 4021 07.04.2020	21.11.2019
10.	Duca Alexandra	Prof. Univ. Dr. Muntean Danina Prof. Univ. Dr. Alexa Ersilia Călina	Contributions to the experimental characterization of indigenous varieties of propolis EXCELENT rating OMEN nr. 4021 07.04.2020	22.11.2019
11.	Vlad Ioana	Prof. Univ. Dr. Solovan Caius	Molecular methods for classifying melanocytic tumours – MIRNA classification	22.11.2019

			VERY GOOD rating OMEN nr. 4496 10.06.2020	
12.	Bota Sanda Izabel	Prof. Univ. Dr. Solovan Caius	Contributions on the prevention of photoaging effect through therapies with growth factors and antioxidants VERY GOOD rating OMEN nr. 4021 07.04.2020	22.11.2019
13.	Enache Bogdan	Prof. Univ. Dr. Pescariu Sorin	High-resolution sequential electromapping of persistent atrial fibrillation EXCELENT rating OMEN nr. 4021 07.04.2020	29.11.2019
14.	Tătar Diana Luminița	Prof. Univ. Dr. Tudorache Voicu	Role of imagistics in the diagnosis of interstitial lung disease VERY GOOD rating OMEN nr. 4021 07.04.2020	05.12.2019
15.	Tucuina Alina Andreea (Tischer)	Prof.Univ.Dr. Poenaru Marioara	New perspectives on using biofilm in ENT. EXCELENT rating OMEN nr. 4021 07.04.2020	13.12.2019
16.	Isaic Alexandru	Prof. Univ. Dr. Lazăr Octavian Fulger	Developing an IT platform for integration of data and management improvement of patients with colorectal neoplasm EXCELENT rating OMEN nr. 4021 07.04.2020	20.12.2019
17.	Cerbu Simona	Prof. Univ. Dr. Boia Eugen Sorin	Diagnostic imaging, therapeutic interventional and posttherapeutic monitoring of vascular abnormalities in the child. Clinical-histopathological- imaging correlations. VERY GOOD rating OMEN nr. 5748 13.10.2020	31.01.2020
18.	Vizitiu Anda Cornelia	Prof. Univ. Dr. Anastasiu Doru Mihai	Evaluation of microRnaexpressionon chromosome 21 as possible biomarkers for prenatal diagnosis of down syndrome	10.02.2020

			VERY GOOD rating OMEN nr. 4496 10.06.2020	
19.	Gherman Cristian Puiu	Prof. univ. dr. Enache Alexandra	Multifactorial determinism of the request of forensic expertise regarding sentence interruption on medical grounds VERY GOOD rating OMEN nr. 5748 13.10.2020	14.02.2020
20.	Mânea Horațiu Cristian	Prof. Univ. Dr. Poenaru Marioara	Epidemiological, clinical and histopathological aspects of bisphosphonate- induced jaw necrosis. VERY GOOD rating OMEN nr. 5748 13.10.2020	14.02.2020
21.	Péter Mercédesz Erzsébet	Prof. Univ. Dr. Poenaru Dan	Assessment, gait and balance training using complex computer means in stroke patients in order to improve quality of life. VERY GOOD rating OMEN nr. 5748 13.10.2020	21.02.2020
22.	Nădășan Emanuela Georgiana	Prof. Univ. Dr. Poenaru Dan	Contributions to the monitoring of early treatment of medical rehabilitation of vertebral axial deviations in children and active adults using advanced computer systems, experimental and clinical study. VERY GOOD rating OMEN nr. 4496 10.06.2020	21.02.2020
23.	Dinu Anca Raluca	Prof. Univ. Dr. Săndesc Dorel	Implications of multimodal monitoring composed of entropy (re/s) in general anesthesia on clinical prognosis and neurocognitive recovery. EXCELENT rating OMEN nr. 5748 13.10.2020	24.02.2020

24.	Braha Adina Ioana	Prof. Univ. Dr. Timar Romulus Zorin	Sodium-glucose cotransporter-2 inhibitors beyond the glycemic control VERY GOOD rating OMEN nr. 5748 13.10.2020	13.05.2020
25.	Gaiță Laura Adriana	Conf. Univ. Dr. Timar Romulus Bogdan	Major impact of chronic complications and comorbidities in the progression, treatment and prognosis of diabetes mellitus. VERY GOOD rating OMEN nr. 5748 13.10.2020	13.05.2020
26.	Țăran Delia	Prof. univ. dr. Raica Marius	Angiogenesis and lymphangiogenesis in experimental models of diabetes. VERY GOOD rating OMEN nr. 6245 21.12.2020	24.06.2020
27.	Dumitrescu Andreea Simina	Prof. univ. dr. Gaiță Dan Ion	Efficiency of cardiovascular prevention strategies in the complex management of dyslipidemias. VERY GOOD rating OMEN nr. 5748 13.10.2020	06.07.2020
28.	Erdei Livia Oana	Prof. Univ. Dr. Petrica Ligia	Molecular diagnostic and prognostic biomarkers in chronic diabetic kidney disease. EXCELENT rating OMEN nr. 5748 / 13.10.2020	10.07.2020
29.	Boran Florina Rozina	Prof. univ. dr. Tomescu Mirela Cleopatra	Intrahospital mortality prediction factors in patients with acute myocardial infarction, treated by primary PCI, in the western region of Romania. VERY GOOD rating OMEN nr. 5748 / 13.10.2020	14.07.2020

30.	Tăloi Gabriela	Prof. univ. dr. Tomescu Mirela Cleopatra	Effects of psychotropic medication on cardiac function. VERY GOOD rating OMEN/. 5748 13.10.2020	14.07.2020
31.	Simon Cătălin Petru	Prof. univ. dr. Motoc Andrei Gheorghe Marius	Immunohistochemic analysis of gingival tumors associated with fixed orthodontic therapy VERY GOOD rating	15.07.2020
32.	Proks Maria Cristiana	Prof. univ. dr. Păunescu Virgil	Biosynthesis and formulations based on thymus vulgaris extract in the treatment of breast cancer: experimental in vitro studies. EXCELENT rating OMEN nr. 5748/ 13.10.2020	17.07.2020
33.	Moș Ion Cristian	Prof. univ. dr. Poenaru Marioara	Particular clinical, histopathological and immunohistochemical aspects in synchronous and metachronous tumors in ENT. VERY GOOD rating OMEN nr. 6245 /21.12.2020	27.07.2020
34.	Lăzărescu Adrian - Emil	Prof. univ. dr. Pătrașcu Jenel Marian	Comprehensive study of the effect of regenerative therapies in the treatment of cartilage/menisc lesion complex and tendinopathy. VERY GOOD rating OMEN nr. 5748 / 13.10.2020	27.07.2020
35.	Munteanu Laura Adela	Prof. univ. dr. Oancea Cristian Iulian	The impact of e-medicine in the management of patients with asthma. VERY GOOD rating OMEN / 5748 13.10.2020	28.07.2020

36.	Ionică Mihaela	Prof. univ. dr. Muntean Mirela Danina	Novel insights into adipose tissue and vascular dysfunction in obese patients with inflammatory status. calificativ EXCELENT OMEN nr. 6245 / 21.12.2020	28.07.2020
37.	Pah Ana-Maria	Prof. univ. dr. Drăgan Simona	The importance of psychological stress in evolution of coronary artery disease and type 2 diabetes. calificativ EXCELENT OMEN / 6245 21.12.2020	30.09.2020
38.	Ioncu Dana Simona	Prof. univ. dr. Drăgan Simona	Cardiovascular risk factors and mthfr polymorphisms involved in cardioembolic stroke due to non-valvular atrial fibrillation. calificativ EXCELENT OMEN nr. 6245 / 21.12.2020	30.09.2020

Doctoral theses conducted in the 2019 – 2020 University year

Domain of Dental Medicine

No.	PhD Student Name	PhD Leader Name	Title of PhD Thesis/Confirmed by	Presentation date
1.	Bălean Octavia Iulia	Prof. Univ. Dr. Podariu Angela Codruța	Unconventional gum tissue regeneration therapies after bisphosphonate therapy EXCELENT rating OMEN nr. 3122 / 29.01.2020	25.10.2019
2.	Zaharia Cristian	Prof. Univ. Dr. Negruțiu Meda-Lavinia	Modern concepts in dental adhesion EXCELENT rating OMEN /4021 07.04.2020	19.12.2019
3.	Gabor Alin Gabriel	Conducător de doctorat Prof. univ. dr. Sinescu Cosmin Conducător de doctorat cotutelă	Contributions to bone augmentation methods. EXCELENT rating OMEN /4496 10.06.2020	14.02.2020



		Prof. univ. dr. Duma Virgil - Universitatea "Politeh nica" din Timișoara		
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Doctoral theses conducted in the 2019 – 2020 University year

Domain of Pharmacy

No.	PhD Student Name	PhD Leader Name	Title of PhD Thesis/Confirmed by	Presentation date
1	Drăghici George Andrei	Prof. univ. dr. Dehelean Cristina Adriana	Toxic effects and observational aspects relating to cadmium and copper on experimental models. EXCELENT rating. OMEN nr. 5748 / 13.10.2020	15.07.2020

1.4 IOSUD Internal Quality Assurance System:

IOSUD – UMFVBT comprises of a Internal Quality Assurance Committee composed of:

Prof. Univ. Dr. Dehelean Cristina Adriana

Prof. Univ. Dr. Muntean Mirela - Danina

Prof. Univ. Dr. Tomescu Mirela Cleopatra

Prof. Univ. Dr. Sinescu Cosmin

Dr. Togoe Marius Mihai – student-doctor

The aforementioned structure has taken being according to the decision taken by the CSUD and the Senate Decision No.205/18470 from the 18th of December 2020 (**Annex 6**)

https://www.umft.ro/facultati/csud/csud_componenta-csud-si-descriere/

The Internal Quality Assurance Committee has the following main objectives:

- Permanent implementation of the quality assurance system at IOSUD UMFVBT level
- Development and coordination of procedures and specific activities regarding internal quality assurance
- Formulating proposals to improve teaching and research skills in the Doctoral schools
- Review and analysis of the quality of the work of PhD leaders and PhD students
- Ensuring cooperation with the Quality Assurance Commission at University level

- f) Development of databases specific to the follow-up of the work of PhD students and PhD leaders
- g) Application of evaluation questionnaires and other specific activities.

The Quality assurance policies pursue two distinct key aspects: doctoral training and the correct practical application of the procedures for conceiving and publishing the doctoral study.

The beneficiaries of these policies are primarily PhD students who go through a correct and serious training process in the field of research, but also the doctoral leaders who can transmit and make the most of what they have acquired through experience. Our Institution is very close to its beneficiary regarding these aspects by providing multi-direction funding, namely sponsoring ISI articles, participating in conferences, securing PhD grant competitions, etc..

The responsibilities of the parties involved are complex but relate to the correct implementation of the specific activities. Cross-assessment of the doctoral and habilitation theses by the members of the CSUD and CSD, some members of the CNATDCU ensure fulfilled responsibility.

The assessment of doctoral as well as habilitation thesis is conducted at UMFVBT IOSUD Level in a complex and assumed way. (See the procedure for habilitating and supporting the thesis). Assessments are made at local level by at least two teachers appointed by the Head of CSUD (**Annex 33**). The coordinator of the Research Ethics Commission also teaches the specific subject to Doctoral students, thus ensuring their comprehension from the beginning of their doctoral activity.

The Quality Assurance Committee of the CSUD is also comprised of a doctoral student. External parties interested in doctoral activity can access the UMFVBT website in the CSUD section and follow the entire essential trajectory of any PhD student , as well as address any problems related to his work. All members of the CSUD and CSD are specifically involved in all activities within the doctoral schools. The Board of Directors and the UMFVBT Senate shall take note or decide on all important matters relating to doctoral work, ensuring fairness and transparency.

The quality assurance system constantly interacts with university management, reporting all existing problems and applying the necessary regulations. The Board of Directors, the University Senate, as well as the Quality Assurance Committee are in direct contact with the CSUD and the Doctoral Schools Councils of the UMFVBT.

Transparency and access to information specific to the internal quality assurance system for both internal and external beneficiaries are ensured by the publication on the university's website of both the Senate and the Board of Directors decisions, together with the important decisions of the CSUD and the CSD. UMFVBT also carries out entrepreneurial stimulation activity that aims to involve PhD students, as well as other activities carried out through the ATUU University Alliance. Members of other

universities take part in the decision-making process within the Doctoral School Councils, as full and democratically elected members by vote.

<https://www.umft.ro/reglementari-interne-csud/>

Taking into account the absence of rejected theses without right to recover and the fact that no complaints of fraud were present in relation to doctoral activity, we consider that the efficiency of the quality assurance activity has absolute impact. Continuous monitoring at this level will ensure the permanent improvement of doctoral activity.

The information derived from the observations of the Quality Assurance Committee is and will be constantly assessed, and swift and appropriate measures will be implemented. The Committee has developed a set of urgent measures to evaluate doctoral and habilitation theses, that have been henceforth applied, and is currently working on a set of measures to develop international collaborations and specific courses taught by professionals. (see conferences for PhD students 2021).

The continuous development of the quality assurance system is a priority and will bring even more benefits to the UMFVBT IOSUD. Members of the Committee are working on improving a number of issues, including using applications from FDI projects to ensure careful and effective monitoring of these issues.

2. Criteria, Standards, and Key Performance indicators, accompanied by corresponding documents.

The Internal Assessment is based on information and documents provided by all university structures that have a bearing on doctoral research. The sources of information shall be specified for each indicator. This report evaluates the development of UMFVBT's Doctoral School of Medicine - Pharmacy and Doctoral School of Dental Medicine and contains objective and quantifiable data related to the main areas of the institution's activity, as well as the interpretation of the dynamics of some criteria and performance indicators. The criteria, standards and performance indicators used in the Internal Assessment are those specified in Annex 3 on the **"Criteria system, standards and performance indicators used in the accreditation and periodic evaluation of institutions organising university doctoral studies (IOSUD)"** from Order No. 3651/2021 of 12 April 2021 pertaining to the Minister of Education regarding the methodology for the evaluation of university doctoral studies and systems of criteria, standards and performance indicators used in the evaluation, published in the Official Gazette No. 414 of 20 April 2021.

The current Report is based on the activity of UMFTVBT's IOSUD, namely the Medicine-Pharmacy and Dental Medicine Doctoral Schools, during the last 5 years, namely the period spanning from 2015 to 2020 for the student cohorts, and 2016-2020 for all scientific activity. All data regarding the number of PhD student, leaders, publishing activities pertain to the period ending with the month March 2021.

Performance indicators

A.1.1.1. Existence of specific regulations and their application at IOSUD, respectively at the doctoral school/schools level. ACCOMPLISHED

(a) internal regulations regarding administrative structures (institutional regulation of the organization and conduct of doctoral degree programs, regulation/regulations of the doctoral schools);

b) the methodology for the conduct of the Council for University Doctoral Studies (CSUD), elections, respectively of the doctoral school/schools elections, including the selection by students of representatives in the CSUD/Council of the Doctoral School (CSD), and evidence of their conduct;

c) methodologies for organizing and conducting doctoral studies (admission of PhD students, completion of doctoral studies);

(d) the existence of mechanisms for the recognition of the status of doctoral leader and the equivalence of the PhD obtained in other States;

(e) functional management structures at the level of the CSUD/CSD, including the regularity of the convening of meetings;

(f) the contract for doctoral studies;

g) internal procedures for the analysis and approval of proposals on the subject of training programs based on advanced university studies.

A.1.1.2. The regulation of the doctoral school/schools shall include mandatory criteria, procedures and standards for the matters specified in Article 17(1). (5) of the Code of University Doctoral Studies, approved by Government Decision No. 681/2011, with subsequent amendments and additions. ACCOMPLISHED

*A.1.1.3. The IOSUD's component doctoral schools shall be organized as to include disciplines and interdisciplinary subjects or topics in accordance with Article 158 (2) of the Treaty. (7) of the Law on National Education No. 1/2011, with subsequent amendments and additions. ACCOMPLISHED

.1.2.1. The existence and effectiveness of an appropriate IT system for centralizing data regarding PhD students and their academic background INDEPLINIT contract signed with the profile company in 2021

A.1.2.2. The existence and use on an appropriate IT program as well as evidence of its use to verify the similarity percentage of all doctoral theses. ACCOMPLISHED

A.2.1.1. The IOSUD/School/Doctoral Schools provide evidence of the ownership or rental of premises dedicated to research activities specific to doctoral studies programs (laboratories, experimental fields, research resorts, etc.).
ACCOMPLISHED

A.2.1.2. The IOSUD/School/Doctoral Schools detain collaboration agreements with higher education institutions, research institutes, research networks for partnership with various research infrastructures and publicly present their offer of research services through a profile platform.
ACCOMPLISHED

A.2.1.3. The IOSUD/School/Doctoral Schools demonstrates that it is/are concerned/concerned about the permanent renewal of the research infrastructure that provides PhD students with access to current research resources, by applying in various

competitions to finance research infrastructure as well as through the procurement of research infrastructure from the IOSUD's own revenues. ACCOMPLISHED
*A.3.1.1. The share of PhD leaders who simultaneously coordinate more than 8 Doctoral students, but not more than 12, during the period of doctoral studies ¹ , does not exceed 20%. ACCOMPLISHED
A.3.1.2. At least 50% of the teaching/research staff involved in teaching and research activities related to advanced university training programs or individual scientific research or artistic creation programs are fully titled IOSUD members, employed using an employment contract for an indefinite period. ACCOMPLISHED
*B.1.1.1. Enrolment in the doctoral programmes is based on selection criteria that include: academic, research and previous professional performance of candidates, their interest in scientific or artistic/sports research, publications in the pertaining field as well as a research theme proposal. An interview with the applicant is a mandatory part of the admission procedure. ACCOMPLISHED
B.1.1.2. The IOSUD/School/Doctoral schools has/have a policy to stimulate the registration of Doctoral students from disadvantaged social backgrounds, by allocating special places for admission and/or granting social scholarships, as well as the organisation of support programmes to prevent university drop-out. ACCOMPLISHED
B.2.1.1. Training programmes based on advanced university studies are comprised of at least 3 subjects relevant to the training in scientific research of PhD students, at least one discipline is intended for the in-depth study of the methodology of research and/or statistical processing of data. ACCOMPLISHED
B.2.1.2. There is at least one discipline dedicated to ethics in scientific research and intellectual property or well-defined topics on these subjects within a discipline taught in the training program. ACCOMPLISHED
B.2.1.3. The IOSUD has created proper mechanisms to ensure that training programmes based on advanced university studies are aimed at "learning outcomes", specifying the knowledge, skills, responsibility and autonomy that PhD students should acquire after completing each discipline or through research activities ² . ACCOMPLISHED
B.3.1.1. Certain mechanisms exist within the doctoral school for harnessing the results of doctoral studies in accordance with the specifics of the field (e.g. technology transfer, products, patents in the case of exact sciences; products and services in the case of social sciences and humanities; festivals, competitions, recitals, sports competitions; cultural-artistic commands in the vocational field; presentations at national and international conferences, publication of the results of research in national publications and involvement of PhD students in the development of research and development projects, etc.). ACCOMPLISHED
B.4.1.1. At IOSUD level, the percentage of rejected theses, without the right to restore and resume the process of public presentation, at the General Council of the National Council for attestation of University Titles, Diplomas and Certificates (CNATDCU) level, is no more than 5% in the last 5 years. ACCOMPLISHED
C.1.1.1. IOSUD has developed and regularly applies a procedure for the assessment and internal monitoring of activities within doctoral schools, amongst these evaluated mandatory criteria being : ACCOMPLISHED

<p>(a) the scientific activity of PhD leaders;</p> <p>(b) the infrastructure and logistics necessary to carry out the research activity;</p> <p>(c) the regulations and procedures on the basis of which doctoral studies are organized;</p> <p>d) social and academic support services (including participation in various events, publication of articles, etc., and advice made available to PhD students.</p>
<p>C.1.1.2. Student associations and, where appropriate, student representatives organize elections among Doctoral students, regarding positions in the CSUD, by universal, direct and secret vote, all doctoral students having the right to vote and be elected. ACCOMPLISHED</p> <p>C.1.1.3. Student associations and, where appropriate, student representatives organize elections among Doctoral students, at the level of each doctoral school, regarding positions on the boards of the doctoral schools, by universal, direct and secret suffrage, all Doctoral students having the right to vote and be elected. ACCOMPLISHED</p> <p>*C.1.1.4. Following the internal evaluation, both IOSUD and the doctoral schools develop certain strategies and policies of action in order to remedy the deficiencies reported and to stimulate the scientific and academic performance of the IOSUD. ACCOMPLISHED</p>
<p>C.2.1.1. The IOSUD publishes on the website of the higher education institution, in compliance with the regulations in force on data protection, information regarding:</p> <p>(a) the IOSUD/doctoral school regulation; ACCOMPLISHED</p> <p>(b) the admission rules;</p> <p>(c) the doctoral studies contract;</p> <p>(d) the regulation for the completion of studies, including the procedure for public support of the thesis;</p> <p>(e) the content of training programmes based on advanced university studies;</p> <p>f) academic and scientific profile, research themes of the doctoral leaders in the school, as well as their institutional contact data;</p> <p>g) basic information regarding the list of doctoral students in the school (year of registration, leader);</p> <p>(h) information on the standards regarding the elaboration of the doctoral thesis;</p> <p>i) information on opportunities for PhD students, such as attending conferences, publishing articles, attaining scholarships grants, etc.;</p> <p>j) links to the summaries of the doctoral thesis to be presented publicly, as well as the date, time, location where they will be presented, at least 20 days in advance.</p>
<p>C.2.2.1. All PhD students have free access to a platform with academic databases relevant to the field of doctoral studies in which they are conducting their thesis. ACCOMPLISHED</p> <p>C.2.2.2. Each PhD student has access, upon request, to an electronic system to verify the degree of similarity with other existing scientific or artistic creations. ACCOMPLISHED</p> <p>C.2.2.3. All Doctoral students have access to scientific research laboratories or other facilities depending on the specifics of the field/domains within the doctoral school, according to rules of internal order. ACCOMPLISHED</p>
<p>*C.3.1.1. The IOSUD, has concluded mobility agreements with universities abroad for each doctoral school, with research institutes, with companies carrying out activities in the field of study, in order to increase the mobility of doctoral students and teachers (e.g. ERASMUS agreements for the doctoral studies cycle). At least 35% of Doctoral students</p>

have completed a traineeship abroad or some other form of mobility, such as attending international scientific conferences. IOSUD develops and implements policies and plans of measures aimed at increasing the number of Doctoral students participating in training courses abroad, up to at least 20%, which is the target at the level of the European Higher Education Area.

ACCOMPLISHED

C.3.1.2. The IOSUD supports, including from a financial standpoint, the international joint supervision of PhDs, i.e. inviting recognized experts to give courses/lectures for PhD students. ACCOMPLISHED

*C.3.1.3. At least 10% of the doctoral thesis in each doctoral school within the IOSUD is written and/or presented in a language of international circulation or is performed in joint supervision. ACCOMPLISHED

C.3.1.4. The internationalization of activities pertaining to the doctoral studies is supported by the IOSUD through other specific measures (e.g. participation in educational fairs to attract international doctoral students; inclusion of international experts in committees to guide or support doctoral thesis, etc.). ACCOMPLISHED

C.4.1.1. IOSUD implements the current provisions regarding academic ethics and ethics/integrity, respectively academic freedom and detains: ACCOMPLISHED

- prevention-based policies regarding possible violation of the code of ethics and academic integrity, demonstrating this fact by public positioning, studies, analyses or measures;

- practices and mechanisms for the prevention of fraud both from the institutional perspective and from the perspective of PhD students;

- practices to prevent possible fraud in academic, research or other activities, including active measures to prevent and eliminate all forms of plagiarism, as well as to promote the principles of ethics and integrity/deontology or respect for intellectual property, copyright and related rights among all members of its academic community;

- administrative instruments to ensure the application of effective and elimination sanctions;

- mechanisms and measures to ensure equal opportunities and to protect against intolerance and discrimination of any kind.

The IOSUD continuously monitors and evaluates these practices and can demonstrate their application for all activities carried out and the involvement of students in all these processes, and the results of the monitoring are made public annually or whenever necessary.

C.4.1.2. All complaints concerning suspicions of plagiarism related to doctoral theses have been analyzed and resolved by IOSUD within the legal deadline for expressing the written point of view of the referral received. ACCOMPLISHED

C.4.1.3. The annual reports of the Ethics Commission of the IOSUD contain information on the state of resolution of each case in which there has been a referral or self-assessment relevant to university doctoral studies concerning the violation of ethical norms and aspects. ACCOMPLISHED

C.4.1.4. The measures taken by IOSUD following the final decisions of the CNATDCU to withdraw the title of PhD graduate following complaints of plagiarism respect all matters addressed by the CNADTCU decision, as well as the current legislation. ACCOMPLISHED

C.4.1.5. The measures to prevent academic fraud in university doctoral studies adopted by IOSUD may be as follows: ACCOMPLISHED

(a) suspension of the right to coordinate new PhD students for a period of 3 years in the case of PhD leaders who have coordinated a doctoral thesis with a final decision to withdraw the title of doctor for plagiarism;

(b) the exclusion from IOSUD of the doctoral leader who have coordinated at least two doctoral theses with a final decision regarding the withdrawal of the title of PhD graduate due to plagiarism;

c) suspension of the organization of the admission process for the respective doctoral domain, for a period of 2 years, if a doctoral thesis has been completed and published in respective domain, with a final decision of withdrawal of the title of PhD graduate due to plagiarism.

*C.4.1.6. Researchers who have been part of the Pub committees of two or more doctoral theses that have led to a final decision of withdrawal of the title of PhD graduate due to plagiarism must not be appointed to other public presentation committees for a period of at least 3 years. ACCOMPLISHED

C.4.1.7. IOSUD has a public database containing all doctoral thesis conducted in the institution, starting at least in 2016, in a format containing: domain, author, doctoral leader, title of the thesis and doctoral theses in electronic format (if the author's consent exists). ACCOMPLISHED

A. INSTITUTIONAL CAPACITY

A.1.1.1. Existence of specific regulations and their application at IOSUD, respectively at the doctoral school/schools level

The activity of the UMFVBT IOSUD'S Doctoral Schools of IOSUD, is regulated by the following documents:

- *Institutional Regulation for the organization and functioning of doctoral studies at UMFVBT*

<https://www.umft.ro/reglementari-interne-csud/>

- *Regulation of the UMFVBT Doctoral School*

<https://www.umft.ro/reglementari-interne-csud/>

- *Methodology regarding the designation and election of members of the Council for University Doctoral Studies and the Council of the Doctoral School*

<https://www.umft.ro/reglementari-interne-csud/>

Evidence of elections at CSUD/CSDlevel:

<http://old.umft.ro/concurs-director-csud-2020> 853

<https://www.umft.ro/alegeri-csd-2021/>

<http://old.umft.ro/alegeri-csud-2020> 915

- *Methodology regarding the election of directors of the UMFVBT Doctoral School Councils* <https://www.umft.ro/reglementari-interne-csud/>

<https://www.umft.ro/alegeri-csd-2021/>



-UMFVBT's Procedure for the elaboration of doctoral degree programs and curriculum
<https://www.umft.ro/reglementari-interne-csud/>

- Procedure for completion of university doctoral studies

- UMFVBT's Procedure regarding the recognition of THE PhD degree and the title of PhD graduate obtained abroad <https://www.umft.ro/reglementari-interne-csud/>

-UMFVBT's Procedure for automatic recognition of the status of doctoral leader/habilitation obtained in accredited Universities abroad
<https://www.umft.ro/reglementari-interne-csud/>
<http://old.umft.ro/proceduri-pcue 877>

- UMFVBT's Methodology regarding the organisation of admission to doctoral degree cycles, 2021-2022

<https://www.umft.ro/wp-content/uploads/2021/04/1.-Metodologia-privind-organizarea-admiterii-in-ciclurile-universitare-de-doctorat.pdf>

- UMFVBT's Methodology of completion of doctoral studies
<https://www.umft.ro/reglementari-interne-csud/>

- Contract for University Doctorate Studies sample

<http://old.umft.ro/reglementari-cu-privire-la-studiile-doctorale 120>

Council for University Doctoral Studies (CSUD)

According to UMFVBT Senate Decision No. 206/18470/18.12.2020 ([Annex 30](#)), the CSUD operates in the following composition:

Prof. Univ. Dr. Dehelean Cristina Adriana - Head of the CSUD, position obtained through a public contest <http://old.umft.ro/concurs-director-csud-2020 853>

Prof. Univ. Dr. Antal Diana Simona – member

Prof. Univ. Dr. Danciu Corina – member

Prof. Univ. Dr. Marian Catalin Valer – member

Prof. Univ. Dr. Muntean Mirela - Danina – member

Conf. Univ. Dr. Navolan Dan Bogdan – member

Prof. Univ. Dr. Porojan Liliana – member

Prof. Univ. Dr. Simu Mihaela Adriana – member

Prof. Univ. Dr. Stoian Dana Liana – member

Prof. Univ. Dr. Vlad Adrian Radu – member elected by vote

Dr. Tsogoe Marius Mihai – PhD student – member elected by vote

https://www.umft.ro/facultati/csud/csud_componenta-csud-si-descriere/

Council of the Doctoral School of Medicine – Pharmacy

Currently the Board of the Doctoral School is composed according to the UMFVBT Senate Decision No. 168/9452 from the 12th of May 2021 appointing the composition of CSD

Medicine - Pharmacy and according to the Decision of the Senate UMFVBT from May 2021 appointing the Director of CSD Medicine - Pharmacy, (Annex 17), as follows:

Prof. Univ. Dr. Tomescu Mirela Cleopatra – Director of the CSD

Prof. Univ. Dr. Puiu Maria – member

Prof. Univ. Dr. Vlad Daliborca Cristina - member

Prof. Univ. Dr. Munteanu Mihnea - member

Prof. Univ. Dr. Vlaia Lavinia - member

Prof. Univ. Dr. Alexa Ersilia Calina - member

Prof. Univ. Dr. Musuroi Sorin - member

Zbîrcea Elena – PhD student, elected by vote

Huț Alexandru Romulus – PhD student, elected by vote

https://www.umft.ro/facultati/csud/csud_componenta-csud-si-descriere/

Council of the Doctoral School of Dental Medicine

Currently the Council of the Doctoral School of Dental Medicine is composed in accordance to the UMFVBT Senate Decision No. 151/8890 from the 28th of April 2021, (Annex 25), as follows:

Prof. Univ. Dr. Sinescu Cosmin - Director

Prof. Univ. Dr. Popovici Ramona Amine - member

Prof. Univ. Dr. Jumanca Daniela - member

Prof. Univ. Dr. Rominu Mihai - member

Prof. Univ. Dr. Marsavina Liviu, Timisoara Polytechnic University - member

Balica Andreea Gabriela, PhD student – member elected by vote

Neagu Carina Sonia, PhD student – member elected by vote

https://www.umft.ro/facultati/csud/csud_componenta-csud-si-descriere/

A.1.1.2. The regulation of the doctoral school/schools shall include mandatory criteria, procedures and standards for the matters specified in Article 17(1). (5) of the Code of University Doctoral Studies, approved by Government Decision No. 681/2011, with subsequent amendments and additions.

The Regulation of UMFVBT's IOSUD Doctoral Schools, includes mandatory criteria, procedures and standards regarding aspects specified in Article 17, paragraph 5 of HG 681/2011:

- Chapter IV, Article 6 (1) and Chapter IV, Article 11 refers to the way in which new doctoral leaders are accepted, as well as regulations on how a doctoral leader may be excluded from the doctoral school.

- Chapter VI, Article 23 (1,2,3) and Article 24 refers to the mechanisms by which decisions are taken regarding the appropriateness, structure and content of the advanced university studies training program.

- Chapter IV, art.8 (1,2,3) refers to the procedures for changing the doctoral leader of a particular doctoral student and the procedures for mediation of conflicts.

- Chapter II, Article 4 (9) refers to the conditions under which the doctoral program may be interrupted.
- Chapter VI, Article 36 (1.2) refers to ways of preventing fraud in scientific research, including plagiarism.
- Cap V, Art 25 (1,2,3,4) references to the provision of research resources.
- Cap VI, Art 19 references to the frequency obligations of PhD students according to a methodology developed by the Ministry of Education, Research, Youth and Sport.

Given that the above-mentioned mandatory aspects are included in the doctoral school regulation, the performance indicator is considered to have been fulfilled.

**A.1.1.3. The IOSUD's component doctoral schools shall be organized as to include disciplines and interdisciplinary subjects or topics in accordance with Article 158 (2) of the Treaty. (7) of the Law on National Education No. 1/2011, with subsequent amendments and additions*

The Doctoral School of Medicine – Pharmacy and the Doctoral School of Dental Medicine of IOSUD-UMFVBT are organized on disciplines or interdisciplinary topics according to the curriculum, this criteria being thus fulfilled.

http://old.umft.ro/oferta-educationala_117

FIRST YEAR EDUCATION PLAN 2015-2016 DOCTORAL SCHOOL

UNIVERSITY	"VICTOR BABEȘ" UNIVERSITY OF MEDICINE AND PHARMACY, TIMISOARA		
FUNDAMENTAL DOMAIN HIERARCHY	BIOLOGICAL AND BIOMEDICAL SCIENCES	STUDY PERIOD	4 YEARS
SCIENTIFIC DOMAIN	MEDICINE/DENTAL MEDICINE	DOMAIN	MEDICINE/DENTAL MEDICINE
DOMAIN OF ACADEMIC DOCTORAL STUDIES	MEDICINE/DENTAL MEDICINE	TRANSFERABLE STUDY CREDITS	60 (MANDATORY)

No.	Teaching activities Disciplines	Type	1 st Semester				2 nd Semester				University Total (28 weeks)			
	<i>F.D. Mandatory Discipline</i>		Cs.	P.W.	TSC	Examination form	Cs.	P.W.	TS C	Examination form	Cs.	P.W.	Se m.	T S C
1.	Ethics of scientific research	F D	14	14	5	E	-	-	-	-	14	14	-	5



2	Grant projects and European projects	F D	14	14	5	E	-	-	-	-	14	14	-	5
3	Methodology of scientific research	F D	14	14	5	E	-	-	-	-	14	14	-	5
4	Informatics and medical biostatistics	F D	-	-	-	-	14	14	5	E	14	14	-	5
<i>C.D.</i> <i>Optional Disciplines (2 out of five 5)</i>														
5	Documentation and drafting of the doctoral thesis	D C	-	-	-	-	14	14	5	E	14	14	-	5
6	Public presentation of the results of scientific research	D C	-	-	-	-	14	14	5	E	14	14	-	5
7	Classical and modern methods in cardiovascular research	D C	-	-	-	-	14	14	5	E	14	14	-	5
8	Biomedical applications of fundamental research	D C	-	-	-	-	14	14	5	E	14	14	-	5
9	Applications of bioinformatics and molecular biochemistry in diagnosis and therapy	D C	-	-	-	-	14	14	5	E	14	14	-	5
			42	42		3E	42	42		3E	84	84		
	Total General		84				84				168			
	Total hours/mandatory credits, semester/year				15			15						30

SCIENTIFIC RESEARCH PROJECT (mandatory): 30 credits **TOTAL MANDATORY**

CREDITS / YEAR = 60 credits

Explanatory Note: **FD**-fundamental discipline; **CD**-complementary discipline; **E**-exam; **C**-colloquium; **Cs**-course; **L.W.**- practical works; **Sem**-seminar; **TSC** - transferable study credits

* minimum of 15 mandatory credits

**FIRST YEAR EDUCATION PLAN
2016-2017 DOCTORAL SCHOOL**

UNIVERSITY	"VICTOR BABEȘ" UNIVERSITY OF MEDICINE AND PHARMACY, TIMISOARA		
FUNDAMENTAL DOMAIN HIERARCHY	BIOLOGICAL AND BIOMEDICAL SCIENCES	STUDY PERIOD	4 YEARS
SCIENTIFIC DOMAIN	MEDICINE / DENTAL MEDICINE	DOMAIN	MEDICINE / DENTAL MEDICINE
DOMAIN OF ACADEMIC DOCTORAL STUDIES	MEDICINE / DENTAL MEDICINE	TRANSFERABLE STUDY CREDITS	60 (COMPULSORY)

Nr .	Teaching activities Disciplines	Type	1 st Semester				2 nd Semester				University Total (28 weeks)			
	<i>F.D. Mandatory Disciplines</i>		Cs.	P. W.	TSC	Exam ination form	Cs.	P. W.	TSC	Exam ination form	Cs.	P. W.	Se m.	T S C
1.	Methodology of scientific research	FD	14	14	5	E	-	-	-	-	14	14	-	5
2.	Ethics of Scientific Research	FD	14	14	5	E	-	-	-	-	14	14	-	5
3.	Biostatistics and medical informatics	FD	14	14	5	E	-	-	-	-	14	14	-	5
4.	Methodology of drafting and publishing scientific articles	FD	-	-	-	-	14	14	5	E	14	14	-	5
5.	Design and management of grant projects	FD	-	-	-	-	14	14	5	E	14	14	-	5
<i>C.D. Optional Disciplines (1 out of 5)</i>														
6.	Experimental models on laboratory animals	CD	-	-	-	-	14	14	5	E	14	14	-	5
7.	Writing of the doctoral thesis. Intellectual property.	CD	-	-	-	-	14	14	5	E	14	14	-	5
8.	Biomaterials and new technologies in medical research	CD	14	14	5	E	-	-	-	-	14	14	-	5



9.	Bioinformatics and genomics applied in medical research	CD	-	-	-	-	14	14	5	E	14	14	-	5
10	Updates in national and international medical research	CD	-	-	-	-	14	14	5	E	14	14	-	5
			42	42		3E	42	42		3E	84	84		
	General Total		84				84				168			
	Total hours/mandatory credits, semester/year				15				15					30

SCIENTIFIC RESEARCH PROJECT (mandatory): 30 credits **TOTAL MANDATORY**

CREDITS / YEAR = 60 credits

Explanatory Note: **FD**-fundamental discipline; **CD**-complementary discipline; **E**-exam; **C**-colloquium; **Cs**-course; **L.W.**- practical works; **Sem**-seminar; **TSC** - transferable study credits

http://old.umft.ro/data_files/documente-atasate-sectiuni/2554/plan_20de_20invatamant_202016-2017.pdf

FIRST YEAR EDUCATION PLAN 2017-2018 DOCTORAL SCHOOL

UNIVERSITY	"VICTOR BABES" UNIVERSITY OF MEDICINE AND PHARMACY, TIMISOARA		
FUNDAMENTAL DOMAIN HIERARCHY	BIOLOGICAL AND BIOMEDICAL SCIENCES	STUDY PERIOD	1st Year
SCIENTIFIC DOMAIN	MEDICINE / DENTAL MEDICINE	DOMAIN	MEDICINE / DENTAL MEDICINE
DOMAIN OF ACADEMIC DOCTORAL STUDIES	MEDICINE / DENTAL MEDICINE	TRANSFERABLE STUDY CREDITS	60 (COMPULSORY)

Nr .	Teaching activities Disciplines	Type	1st Semester				2nd Semester				University Total			
	<i>F.D. Mandatory Disciplines</i>		Cs.	P.W.	TSC	Examination form	Cs.	P.W.	TSC	Examination form	Cs.	P.W.	Sem .	TSC
1.	Methodology of scientific research	FD	1	1	5	E	-	-	-	-	14	14	-	5
2.	Ethics of Scientific Research	FD	1	1	5	E	-	-	-	-	14	14	-	5



3.	Biostatistics and medical informatics	FD	1	1	5	E	-	-	-	-	14	14	-	5
4.	Methodology of drafting and publishing scientific articles	FD	-	-	-	-	1	1	5	E	14	14	-	5
5.	Design and management of grant projects	FD	-	-	-	-	1	1	5	E	14	14	-	5
C.D. Optional Disciplines (1 out of 5)														
6.	Experimental models on laboratory animals	CD	-	-	-	-	1	1	5	E	14	14	-	5
7.	Writing of the doctoral thesis. Intellectual property.	CD	-	-	-	-	1	1	5	E	14	14	-	5
8.	Biomaterials and new technologies in medical research	CD	1	1	5	E	-	-	-	-	14	14	-	5
9.	Bioinformatics and genomics applied in medical research	CD	-	-	-	-	1	1	5	E	14	14	-	5
10	Updates in national and international medical research	CD	-	-	-	-	1	1	5	E	14	14	-	5
			3/4	3/4		3E/4E	2/3	2/3		2E/3E	84	84		
	General Total		6/8				4/6				168			
	Total hours/mandatory credits, semester/year				15/20				10/15					30

SCIENTIFIC RESEARCH PROJECT (mandatory): 30 credits **TOTAL MANDATORY CREDITS / YEAR = 60 credits**

Explanatory Note: **FD**-fundamental discipline; **CD**-complementary discipline; **E**-exam; **C**-colloquium; **Cs**-course; **L.W.**- practical works; **Sem**-seminar; **TSC** - transferable study credits

http://old.umft.ro/data_files/documente-atasate-sectiuni/4333/plan_20de_20invatamant_202017-2018.pdf

**FIRST YEAR EDUCATION PLAN
2018-2019 DOCTORAL SCHOOL**

UNIVERSITY	"VICTOR BABEȘ" UNIVERSITY OF MEDICINE AND PHARMACY, TIMISOARA
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FUNDAMENTAL DOMAIN HIERARCHY	BIOLOGICAL AND BIOMEDICAL SCIENCES	STUDY PERIOD	1st Year
SCIENTIFIC DOMAIN	MEDICINE / DENTAL MEDICINE	DOMAIN	MEDICINE / DENTAL MEDICINE/PHARMACY
DOMAIN OF ACADEMIC DOCTORAL STUDIES	MEDICINE / DENTAL MEDICINE	TRANSFERABLE STUDY CREDITS	60 (COMPULSORY)

Nr. crt	Teaching activities Disciplines	Ty pe	1st Semester				2nd Semester				University Total			
	<i>F.D. Mandatory Disciplines</i>		Cs.	P. W.	TSC	Exam inatio n form	Cs.	P. W.	TSC	Exam inatio n form	Cs.	P. W.	Sem.	T S C
1.	Methodology of scientific research	FD	1	1	5	E	-	-	-	-	14	14	-	5
2.	Ethics od Scientific Research	FD	1	1	5	E	-	-	-	-	14	14	-	5
3.	Biostatistics and medical informatics	FD	1	1	4	E	-	-	-	-	14	14	-	4
4.	Methodology of drafting and publishing scientific articles	FD	-	-	-	-	1	1	5	E	14	14	-	5
5.	Design and management of grant projects	FD	-	-	-	-	1	1	4	E	14	14	-	4
6.	Ethics and academic integrity	FD	-	-	-	-	1	1	4	E	14	14	-	4
<i>C.D. Optional Disciplines (1 out of 5)</i>														
7.	Experimental models on laboratory animals	CD	-	-	-	-	1	1	3	E	14	14	-	3
8.	Writing of the doctoral thesis. Intellectual property.	CD	-	-	-	-	1	1	3	E	14	14	-	3
9.	Modern techniques in medical research	CD	-	-	-	-	1	1	3	E	14	14	-	3
10.	Bioinformatics and genomics applied in medical research	CD	-	-	-	-	1	1	3	E	14	14	-	3



11	Updates in national and international medical research	CD	-	-	-	-	1	1	3	E	14	14	-	3
			3	3		3E	4	4		4E	98	98		
	General Total		6				8				196			
	Total hours/mandatory credits, semester/year				14				16					30

SCIENTIFIC RESEARCH PROJECT (mandatory): 30 credits **TOTAL MANDATORY**

CREDITS / YEAR = 60 credits

Explanatory Note: **FD**-fundamental discipline; **CD**-complementary discipline; **E**-exam; **C**-colloquium; **Cs**-course; **L.W.**- practical works; **Sem**-seminar; **TSC** - transferable study credits

[http://old.umft.ro/data_files/documente-atasate-](http://old.umft.ro/data_files/documente-atasate-sectiuni/4334/plan_20de_20invatamant_202018-2019.pdf)

[sectiuni/4334/plan_20de_20invatamant_202018-2019.pdf](http://old.umft.ro/data_files/documente-atasate-sectiuni/4334/plan_20de_20invatamant_202018-2019.pdf)

FIRST YEAR EDUCATION PLAN 2019-2020 DOCTORAL SCHOOL

UNIVERSITY	"VICTOR BABES" UNIVERSITY OF MEDICINE AND PHARMACY, TIMISOARA		
FUNDAMENTAL DOMAIN HIERARCHY	BIOLOGICAL AND BIOMEDICAL SCIENCES	STUDY PERIOD	1st Year
SCIENTIFIC DOMAIN	MEDICINE / DENTAL MEDICINE/PHARMACY	DOMAIN	MEDICINE / DENTAL MEDICINE/PHARMACY
DOMAIN OF ACADEMIC DOCTORAL STUDIES	MEDICINE / DENTAL MEDICINE/PHARMACY	TRANSFERABLE STUDY CREDITS	60 (COMPULSORY)

Nr crt	Teaching activities Disciplines	Type	1st Semester				2nd Semester				University Total			
	<i>F.D. Mandatory Disciplines</i>		Cs.	P.W.	TSC	Examination form	Cs.	P.W.	TSC	Examination form	Cs.	P.W.	Sem.	TSC
1.	Methodology of scientific research	FD	1	1	5	E	-	-	-	-	14	14	-	5
2.	Ethics of Scientific Research	FD	1	1	5	E	-	-	-	-	14	14	-	5
3.	Biostatistics and medical informatics	FD	1	1	4	E	-	-	-	-	14	14	-	4
4.	Methodology of drafting and publishing scientific articles	FD	-	-	-	-	1	1	5	E	14	14	-	5
5.	Design and management of grant projects	FD	-	-	-	-	1	1	4	E	14	14	-	4
6.	Ethics and academic integrity	FD	-	-	-	-	1	1	4	E	14	14	-	4



D.C. Optional Disciplines (1 out of 5)														
7.	Experimental models in translational research	CD	-	-	-	-	1	1	3	E	14	14	-	3
8.	Writing of the doctoral thesis. Intellectual property.	CD	-	-	-	-	1	1	3	E	14	14	-	3
9.	Modern techniques in medical research	CD	-	-	-	-	1	1	3	E	14	14	-	3
10.	Bioinformatics and genomics applied in medical research	CD	-	-	-	-	1	1	3	E	14	14	-	3
11	Updates in national and international medical research	CD	-	-	-	-	1	1	3	E	14	14	-	3
			3	3		3E	4	4		4E	98	98		
	General Total		6				8				196			
	Total hours/compulsory credits, semester/year				14				16					30

SCIENTIFIC RESEARCH PROJECT (mandatory): 30 credits **TOTAL MANDATORY**

CREDITS / YEAR = 60 credits

Explanatory Note: **FD**-fundamental discipline; **CD**-complementary discipline; **E**-exam; **C**-colloquium; **Cs**-course; **L.W.**- practical works; **Sem**-seminar; **TSC** - transferable study credits

[http://old.umft.ro/data_files/documente-atasate-](http://old.umft.ro/data_files/documente-atasate-sectiuni/5824/plan_20de_20invatatamant_202019-2020_20.pdf)

[sectiuni/5824/plan 20de 20invatatamant 202019-2020 20.pdf](http://old.umft.ro/data_files/documente-atasate-sectiuni/5824/plan_20de_20invatatamant_202019-2020_20.pdf)

FIRST YEAR EDUCATION PLAN 2020-2021 DOCTORAL SCHOOL

UNIVERSITY	"VICTOR BABEȘ" UNIVERSITY OF MEDICINE AND PHARMACY, TIMISOARA		
FUNDAMENTAL DOMAIN HIERARCHY	BIOLOGICAL AND BIOMEDICAL SCIENCES	STUDY PERIOD	1st Year
SCIENTIFIC DOMAIN	MEDICINE / DENTAL MEDICINE/PHARMACY	DOMAIN	MEDICINE / DENTAL MEDICINE/PHARMACY
DOMAIN OF ACADEMIC DOCTORAL STUDIES	MEDICINE / DENTAL MEDICINE/PHARMACY	TRANSFERABLE STUDY CREDITS	60 (COMPULSORY)

Nr crt	Teaching activities Disciplines	Type	1st Semester				2nd Semester				University Total			
	<i>F.D. Mandatory Disciplines</i>		Cs.	P.W.	TSC	Examination form	Cs.	P.W.	TSC	Examination form	Cs.	P.W.	Sem.	TSC
1.	Methodology of scientific research	FD	1	1	5	E	-	-	-	-	14	14	-	5
2.	Ethics of Scientific Research	FD	1	1	5	E	-	-	-	-	14	14	-	5
3.	Biostatistics and medical informatics	FD	1	1	4	E	-	-	-	-	14	14	-	4



4.	Methodology of drafting and publishing scientific articles	FD	-	-	-	-	1	1	5	E	14	14	-	5
5.	Design and management of grant projects	FD	-	-	-	-	1	1	4	E	14	14	-	4
6.	Ethics and academic integrity	FD	-	-	-	-	1	1	4	E	14	14	-	4
<i>D.C. Optional Disciplines (1 out of 5)</i>														
7.	VII. Experimental models in translational research	CD	-	-	-	-	1	1	3	E	14	14	-	3
8.	Cummunication, public speaking and poster presentation	CD	-	-	-	-	1	1	3	E	14	14	-	3
9.	Modern techniques in medical and pharmaceutical research	CD	-	-	-	-	1	1	3	E	14	14	-	3
10	Bioinformatics and genomics applied in medical research	CD	-	-	-	-	1	1	3	E	14	14	-	3
11	Evidence-based medicine	CD	-	-	-	-	1	1	3	E	14	14	-	3
			3	3		3E	4	4		4E	98	98		
	General Total		6				8				196			
	Total hours/mandatory credits, semester/year				14				16					30

SCIENTIFIC RESEARCH PROJECT (mandatory): 30 credits **TOTAL MANDATORY**

CREDITS / YEAR = 60 credits

Explanatory Note: **FD**-fundamental discipline; **CD**-complementary discipline; **E**-exam; **C**-colloquium; **Cs**-course; **L.W.**- practical works; **Sem**-seminar; **TSC** - transferable study credits

http://old.umft.ro/data_files/documente-atasate-sectiuni/7046/plan_20de_20_c3_aenv_c4_83_c5_a3_c4_83m_c3_a2nt_202020-2021.pdf

A.1.2.1. The existence and effectiveness of an appropriate IT system for centralizing data regarding PhD students and their academic background .

Currently within the Doctoral School of Medicine – Pharmacy and the Doctoral School of Dental Medicine, the records of the PhD students and their academic background are archived and maintained using a excel database available by the staff of the Doctoral School Secretary's office.

IOSUD – UMFVBT, through contract No. 1655 of 19.05.2021 has carried out the procedure of acquisition of the Computerized Admission Program. (**Annex 34**)

The new management of UMFVBT has achieved this successfully (objectively achieved).

A.1.2.2. The existence and use on an appropriate IT program as well as evidence of its use to verify the similarity percentage of all doctoral theses.

To ensure the quality of the scientific research, the University has acquired a software for detecting the act plagiarism (www.sistemantiplagiat.ro), made available to the entire academic community. All doctoral theses held within IOSUD – UMFVBT, domain of

Medicine, Dental Medicine, Pharmacy are subject to antiplagiarism assesment. For each verified work, the software generates a *Similarity Report indicating* the values of coefficients 1 and 2, and then is analyzed by the doctoral leader, who acknowledges the resolution on the acceptance of the presentation of the doctoral thesis before the guidance committee. In order to use the software provided by Sistemantiplagiat.ro, the University of Medicine and Pharmacy "VictorBabeș" in Timișoara, renewed the contract with No. 1017 of 30.03.2021 **(Annex 35)**.

A.2.1.1. The IOSUD/School/Doctoral Schools provide evidence of the ownership or rental of premises dedicated to research activities specific to doctoral studies programmes (laboratories, experimental fields, research resorts, etc.).

The Doctoral Schools can organize Research centers or laboratories that can function as revenue and expenditure units within UMFVBT. PhD students from the Doctoral School's, Domains of Medicine, Dental Medicine, Pharmacy can carry out their scientific research in specific research centers. <https://www.umft.ro/cercetare/centre-de-cercetare/> **(Annex 36)**

The Biobank is a space for the specific storage of human and animal cells and tissues that will be fuster used for research purposes, including for young PhD students. The objective is to reduce intra- and inter-experimental variability, optimise traceability and promote inter-operability of data between different research projects, archive and use biological samples for scientific purposes. <https://www.umft.ro/cercetare/biobanca/>

The CNFIS FDI 0498.2021 project established and developed the Base for practical research regarding medicinal plants, also approved by H.S. Nr.110/7332/31.03.2021, and the project employs PhD students from each field. **(Annex 37)**

We believe that the research is carried out at a high level, with practical possibilities and the criterion is fulfilled.

A.2.1.2. The IOSUD/School/Doctoral Schools detain collaboration agreements with higher education institutions, research institutes, research networks for partnership with various research infrastructures and publicly present their offer of research services through a profile platform.

UMFVBT has concluded cooperation agreements with partner higher education institutions, national and international institutions, with the aim of increasing the quality of research and joint recognition of such research.

IOSUD – UMFVBT has concluded a partnership agreement regarding the establishment of the Timisoara University Alliance (ATU), the first cooperation and consolidation structure of the university centre as well as the scientific research, development and innovation platform.

<https://www.umft.ro/category/dezvoltare/acorduri-interuniversitare/>

IOSUD – UMFVB signed the act establishing the UMF- G6 University Alliance, an alliance that aims to promote the interests of higher medical education, as well as to create a common framework of cooperation in the educational, scientific and extra-curricular fields.

<https://www.umft.ro/alianta-universitara-g6-umf-2/>

The BIObank within IOSUD – UMFVB provides PhD students and researchers with the special space for storing cells, tissues, liquid or solid samples and the use of data for scientific purposes.

<https://www.umft.ro/cercetare/biobanca/>

Since 2018, the FITOSCIENCE platform has been structured within the UMFVB's IOSUD, through CNFIS FDI projects, regarding to the herbal bases. It aims to provide information for those interested in scientific observation regarding products of vegetal origin. The platform is supported by researchers in the fields of toxicology and medicinal plants or related domains, and regarding the Pharmacotoxicological Research Centre we can mention the collaboration with the University of Szeged (Hungary), Wright State University, Dayton (USA), the University of Lorraine (France), the Institute of Pharmacology and Toxicology Clinic of the Goethe University Frankfurt Main (Germany), and at the national level with the University of Agricultural Sciences and Veterinary Medicine of Banat Timisoara, etc.

The projects carried out at the pharmacotoxicological research laboratory also ensure collaboration with economic operators (S.C.FAVISAN. SRL-Lugoj) (**Annex 39**)

IOSUD - UMFVB has concluded collaboration agreements with national and international institutions including: CENTUM Technology Transfer Center - INCEMC, Partnership Agreement on the establishment of the University of Timișoara Alliance (ATU), Faculty of Science and Materials Engineering at the Polytechnic University of Bucharest, Norwegian University of Science and Technology Trondheim, Norway, (NTNU), University of Novi Sad, Faculty of Medicine, Novi Sad, Serbia, NYU, College of Dentistry, New York, USA, State University of Medicine and Pharmacy "Nicolae Testemitanu" Faculty of Dentistry, University of Kent, Canterbury, UK (**Annex 40**).

The many national and international collaborations render this criterion fulfilled.

A.2.1.3. The IOSUD/School/Doctoral Schools demonstrates that it is/are concerned/concerned about the permanent renewal of the research infrastructure that provides PhD students with access to current research resources, by applying in various competitions to finance research infrastructure as well as through the procurement of research infrastructure from the IOSUD's own revenues.

IOSUD - UMFVB provides permanent support for research funding through own-funded projects (see Internal Project Competition link) and renews the annual fixed asset base, including equipment and spare parts to ensure research logistics (**Annex 41**).

https://www.umft.ro/category/cercetare/competitie_interna/

The permanent financing of research in particular for young PhD students renders this objective to be fulfilled.

**A.3.1.1. The share of PhD leaders who simultaneously coordinate more than 8 Doctoral students, but not more than 12, during the period of doctoral studies¹, does not exceed 20%.*

According to the Senate Decision No. 11/17694 from the 28th of November 2018 (**Annex 42**), the number of doctoral students who can be guided simultaneously by one doctoral leader can be no greater than 8.

Within the field of PhD Medicine, there are 83 PhD leaders (quality obtained according to the law), none coordinating more than 8 Doctoral students.

Within the field of Doctoral Medicine Dental Medicine there are 14 PhD leaders (quality obtained according to the law) and no doctoral leader coordinates more than 8 doctoral students.

Within the field of PhD Pharmacy, there are 5 PhD leaders (quality obtained according to the law) and no doctoral leader coordinates more than 8 Doctoral students.

Domain of Medicine

Nr.	PhD Leader Name	Ministry Order that confirms the habilitation	No. Of PhD Students
1	Prof. Univ. Dr. Anghel Andrei	479/05.03.2007	5
2	Prof. Univ. Dr. Ardeleanu Elena Aurora*	5658/12.12.2005	3
3	Conf. Univ. Dr. Andreescu Nicoleta Ioana	5344/25.11.2019	8
4	Prof. Univ. Dr. Anastasiu Doru Mihai*	4631/04.08.2010	4
5	Prof. Univ. Dr. Balica Nicolae Constantin	5714/30.12.2019	8
6	Conf. Univ. Dr. Bernad Elena Silvia	3403/22.03.2018	8
7	Conf. Univ. Dr. Bob Flaviu Raul	5470/04.12.2019	5
8	Prof. Univ. Dr. Boia Eugen Sorin	4697/14.08.2009	8
9	Prof. Univ. Dr. Boia Marioara	4168/21.06.2017	8
10	Prof. Univ. Dr. Borza Claudia	5717/27.12.2017	6
11	Prof. Univ. Dr. Bratu Ion Tiberiu**	5658/12.12.2005	7
12	Prof. Univ. Dr. Brad Silviu	4631/04.08.2010	8
13	Prof. Univ. Dr. Cîmpean Anca Maria	5633MD/11.12.2013	8



14	Conf. univ. dr. Cozma Dragoș Constantin	5715/30.12.2019	3
15	Prof. Univ. Dr. Craina Marius Lucian	4169/21.06.2017	8
16	Prof. Univ. Dr. Drăgan Simona Ruxanda	4631/04.08.2010	8
17	Prof. Univ. Dr. Dema Alis Liliana Carmen	4631/04.08.2010	6
18	Prof. Univ. Dr. Doroș Gabriela Simona	3819/04.06.2018	6
19	Prof. Univ. Dr. Dumitrașcu Victor	4697/14.08.2009	7
20	Prof. Univ. Dr. Enache Alexandra	5844/04.11.2008	6
21	Prof. Univ. Dr. Gaiță Dan Ion	5842/04.11.2008	7
22	Conf. univ. dr. Iacob Daniela	5806/16.10.2020	3
23	Prof. Univ. Dr. Ilie Constantin*	6046/02.12.2009	3
24	Prof. Univ. Dr. Ionac Mihai Edmond	4807/17.08.2005	8
25	Prof. Univ. Dr. Ioniță Hortensia*	4211/20.07.2000	5
26	Prof. Univ. Dr. Jianu Adelina Maria	5716/30.12.2019	7
27	Prof. Univ. Dr. Jianu Dragoș Cătălin	5807/16.10.2020	2
28	Prof. Univ. Dr. Lazăr Octavian Fulger*	4631/04.08.2010	6
29	Prof. Univ. Dr. Licker Monica Sorina	4631/04.08.2010	7
30	Prof. Univ. Dr. Lighezan Daniel Florin	5777/27.12.2017	8
31	Prof. Univ. Dr. Marian Cătălin Valer	5156/28.09.2017	8
32	Prof. Univ. Dr. Marincu Iosif**	4403/19.07.2017	8
33	Prof. Univ. Dr. Matusz Petru	4211/20.07.2000	5
34	Prof. Univ. Dr. Mărginean Otilia	3820/04.06.2018	8
35	Prof. Univ. Dr. Mederle Ovidiu	4302/20.06.2019	7
36	Conf. Univ. Dr. Mornoș Cristian	5717/30.12.2019	4
37	Prof. Univ. Dr. Motoc Andrei Gheorghe Marius	4963/31.07.2008	8



38	Prof. Univ. Dr. Motoc Marilena	5842/04.11.2008	1
39	Prof. Univ. Dr. Muntean Mirela - Danina	4963/31.07.2008	8
40	Prof. Univ. Dr. Munteanu Mihnea	3709/13.04.2017	8
41	Conf. univ. dr. Navolan Dan Bogdan	4104MD/05.07.2013	7
42	Prof. Univ. Dr. Neagu Adrian	3656/10.04.2009	7
43	Prof. Univ. Dr. Nussbaum Laura Alexandra	5508/14.11.2018	6
44	Prof. Univ. Dr. Oancea Cristian Iulian	5509/14.11.2018	8
45	Prof. Univ. Dr. Olariu Tudor Ovidiu Rareș	4697/14.08.2009	7
46	Prof. Univ. Dr. Olariu Sorin**	5157/28.09.2017	8
47	Prof. Univ. Dr. Panaitescu Carmen	4963/31.07.2008	8
48	Prof. univ. dr. Pătrașcu Jenel Marian	4170/21.06.2017	7
49	Prof. Univ. Dr. Păunescu Virgil	3867/17.05.2004	8
50	Prof. Univ. Dr. Pescariu Sorin*	5268/05.09.2011	5
51	Prof. Univ. Dr. Petrescu Lucian	5268/05.09.2011	8
52	Prof. Univ. Dr. Petrica Ligia	4209/10.06.2015	6
53	Conf. Univ. Dr. Pirtea Laurențiu Cornel	4119/28.05.2019	8
54	Conf. Univ. Dr. Pleș Horia**	4303/20.06.2019	6
55	Prof. Univ. Dr. Poenaru Dan*	4211/20.07.2000	1
56	Prof. Univ. Dr. Poenaru Marioara*	4629/07.09.2004	8
57	Prof. Univ. Dr. Popescu Simona Alina	3834/01.04.2019	5
58	Prof. Univ. Dr. Popoiu Călin Marius	4120/28.05.2019	7
59	Prof. Univ. Dr. Puiu Maria	4631/11.08.2010	7
60	Prof. Univ. Dr. Raica Marius	4211/20.07.2000	7
61	Prof. Univ. Dr. Romoșan Ioan**	4741/21.10.1999	2
62	Prof. Univ. Dr. Rotaru Maria	5158/28.09.2017	0
63	Prof. Univ. Dr. Sas Ioan	4121/28.05.2019	7



64	Prof. Univ. Dr. Săndesc Dorel	5268/05.09.2011	8
65	Prof. Univ. Dr. Schiller Adalbert**	3756/13.04.2017	4
66	Prof. Univ. Dr. Solovan Caius Silviu	4697/14.08.2009	6
67	Prof. Univ. Dr. Simu Mihaela Adriana**	4631/04.08.2010	8
68	Prof. Univ. Dr. Sporea Ioan	4629/07.09.2004	7
69	Prof. Univ. Dr. Stoian Dana Liana	4296/08.08.2018	8
70	Prof. Univ. Dr. Șirli Roxana Lucia Denisa	3821/04.06.2018	8
71	Prof. Univ. Dr. Șișu Eugen Nicolae Vintilă*	4631/04.08.2010	4
72	Prof. Univ. Dr. Timar Romulus Bogdan	5510/14.11.2018	6
73	Prof. Univ. Dr. Timar Romulus Zorin**	3757/13.04.2017	8
74	Prof. Univ. Dr. Tomescu Mirela Cleopatra	4807/17.08.2005	8
75	Prof. Univ. Dr. Tudorache Voicu Mircea*	5658/12.12.2005	3
76	Prof. Univ. Dr. Ursoniu Sorin	3404/22.03.2018	5
77	Prof. Univ. Dr. Vermeșan Dinu Valeriu	3822/04.06.2018	8
78	Prof. Univ. Dr. Vlad Daliborca Cristina	5808/16.10.2020	6
79	Prof. Univ. Dr. Vlad Mihaela Maria	4639/30.07.2019	2
80	Prof. Univ. Dr. Vlad Adrian Radu	5471/04.12.2019	1
81	Prof. Univ. Dr. Vlădescu Cristian	3867/17.05.2004	0
82	Prof. Univ. Dr. Vlaicu Brighita Elisabeta**	3573/19.04.2002	7
83	Prof. Univ. Dr. Zăhoi Delia	6046/02.12.2009	4



Domain of Dental Medicine

Nr.	PhD Leader Name	Ministry Order that confirms the habilitation	No. Of PhD Students
1	Prof. Univ. Dr. Gălușcan Atena	5753/27.12.2017	8
2	Prof. Univ. Dr. Jivănescu Anca	4643/30.07.2019	5
3	Prof. Univ. Dr. Jumanca Daniela Elisabeta	5773/27.12.2017	6
4	Prof. Univ. Dr. Negruțiu Meda Lavinia	4898/18.08.2015	8
5	Prof. Univ. Dr. Oancea Roxana	6351/22.12.2020	0
6	Prof. Univ. Dr. Podariu Angela Codruța**	479/05.03.2007	5
7	Prof. Univ. Dr. Popovici Ramona Amina	4404/19.07.2017	8
8	Prof. Univ. Dr. Porojan Liliana	4885/11.08.2016	7
9	Prof. Univ. Dr. Romînu Mihai	479/05.03.2007	5
10	Prof. Univ. Dr. Rusu Laura Cristina	4405/19.07.2017	7
11	Prof. Univ. Dr. Sinescu Cosmin	4897/18.08.2015	8
12	Prof. Univ. Dr. Szuhaneck Camelia Alexandrina	4077/09.04.2020	4
13	Prof. Univ. Dr. Stratul Ștefan Ioan	3291/02.03.2016	8
14	Prof. Univ. Dr. Todea Darinca Carmen Marilena**	479/05.03.2007	8

Domain of Pharmacy (O.M. 4209/31.07.2018)

Nr.	PhD Leader Name	Ministry Order that confirms the habilitation	No. Of PhD Students
1.	Prof. Univ. Dr. Antal Diana Simona	3829/04.06.2018	2
2.	Prof. Univ. Dr. Danciu Corina	3412/22.03.2018	6
3.	Prof. Univ. Dr. Dehelean Cristina Adriana	4209/10.06.2015	7
4.	Prof. Univ. Dr. Șoica Codruța Marinela	4032/07.06.2016	8
5.	Prof. Univ. Dr. Vlaia Lavinia	5486/14.11.2018	2

Monitoring the period from 2015-2016 to present can be performed using the umfvbt website

www.umft.ro/facultati/csud/csud_componenta-csud-si-descriere/

We also consider this criterion as fulfilled.

A.3.1.2. At least 50% of the teaching/research staff involved in teaching and research activities related to advanced university training programmes or individual scientific research or artistic creation programmes are fully titled IOSUD members, employed using an employment contract for an indefinite period.

It should be noted that a considerable number (more than 80%) of PhD leaders are employed through indefinite contracts with IOSUD-UMFVBT, which exceeds the 50% that is required under this criterion ([Annex 43](#)).

Skilled teaching and research staff and qualified scientific researchers become PhD leaders as a result of habilitation.

Domain Distribution of PhD Leaders

Year	March 2021
Medicine	
Number of PhD Leaders	83
Dental Medicine	
Number of PhD Leaders	14
Pharmacy	
Number of PhD Leaders	5
Total number of PhD Leaders	102

The number of professors to have concluded an open-ended employment contract with the UMFVBT's IOSUD, is as follows: 71 for the field of Medicine, 14 for the field of Dental Medicine, and 5 for the field of Pharmacy. Of the total of 102 PhD leaders in the fields of Medicine, Dental Medicine, and Pharmacy, 90 PhD leaders have concluded an open-ended employment contract with UMFVBT's IOSUD, respectively more than 80% are employed using an open-ended employment contract.

This objective is thus achieved.

B. EDUCATIONAL EFFICIENCY

**B.1.1.1. Enrolment in the doctoral programmes is based on selection criteria that include: academic, research and previous professional performance of candidates, their interest in scientific or artistic/sports research, publications in the pertaining field as well as a research theme proposal. An interview with the applicant is a mandatory part of the admission procedure*



Between 2015 and 2020, the admission to University Doctoral Studies was organized in accordance with the admission regulations approved by the University Senate, and in accordance with current legislation.

<http://old.umft.ro/admitere-2020> 815

Currently, admission to University Doctoral Studies is carried out in accordance with the *UMFVBT Methodology regarding the organization of admission to doctoral studies, 2021-2022*

<https://www.umft.ro/admitere-doctorat-2021/>

UMFVBT's Methodology regarding project assessment for obtaining doctoral grants, program GD 2021

<https://www.umft.ro/admitere-doctorat-2021/>

The “Victor Babes” University of Medicine and Pharmacy of Timisoara has the right to organize an admission contest for Doctoral Studies in the fundamental field of Biological and biomedical sciences, pertaining to the following domains - *Medicine, Dental Medicine* and *Pharmacy* and respecting the University autonomy according to the UMFVBT Charter. The Doctoral Studies constitute the higher cycle of university study, having the purpose of developing knowledge through advanced scientific research. The PhD is a distinct cycle of university studies that has two components: a training program based on advanced university studies and a scientific research program.

Admission to doctoral studies consists of an examination of linguistic competence, the submission of projects for obtaining doctoral grants and an interview with the doctoral leader and a committee aimed mainly at the following:

1. The candidate's level of knowledge regarding specialized bibliography, the problems pertaining to the specific field, as well as the candidate's interest for research on the chosen topic;
2. The research work carried out by the candidate, as reflected by the scientific research studies that the candidate is author or coauthor of;
3. Publishing activity: scientific studies published in Web of Science indexed Journals, Pubmed/Medline, or other nationally/internationally recognized databases;
4. Research work presented at international and national conferences and published in summary in magazines with ISSN or ISBN;
5. The ability to analyze, synthesize and design, to undertake creative activities, structuring and interpreting results; formulation and argumentation of personal opinions.

The Admission (Interview) Committee is comprised of:

- a president (PhD leader)
- 3 members who may be part of the doctoral leader's research team.

They may be professors affiliated with the doctoral school or professors and research staff with other affiliation.

All data presented indicates the fulfilment of the criteria.

B.1.1.2. The IOSUD/School/Doctoral schools has/have a policy to stimulate the registration of Doctoral students from disadvantaged social backgrounds, by allocating special places for admission and/or granting social scholarships, as well as the organisation of support programmes to prevent university drop-out.

UMFVBT's has implemented at the level of the Doctoral Schools the stimulation of registration of Doctoral students from disadvantaged social backgrounds, by allocating vacancies specifically for Roma doctoral students, by exempting them from the tuition fee, without a doctoral grant, and henceforth, a doctoral student of Roma ethnicity has been enrolled in 2019 in the Doctoral School of Dental Medicine (**Annex 44**).

Moreover, in order to encourage potential future Doctoral students to pursue their doctoral studies at UMFVBT, the tuition fee for the academic year 2020-2021 has been reduced from 5000 lei to 3000 lei, according to *the Regulation on the amount of tuition fees and other fees within UMFVBT*, was approved by the Senate Decision No. 19/6022 from the 27th of May 2020.

<https://www.umft.ro/wp-content/uploads/2021/04/Regulament-taxa-S-27.05.2020.pdf>

In order to prevent school drop-out, it was approved for Doctoral students to request to postpone the payment of the tuition fee according to the minutes of the Meeting of the Board of the Doctoral School of Medicine – Pharmacy of and the minutes of the CSUD Meeting.

https://www.umft.ro/category/csud/reglementari_csud/

IOSUD-UMFVBT aims to carry out research projects supporting students from disadvantaged social background to pay the tuition (**Annex 45**).

We consider the criterion fulfilled.

B.2.1.1. Training programmes based on advanced university studies are comprised of at least 3 subjects relevant to the training in scientific research of PhD students, at least one discipline is intended for the in-depth study of the methodology of research and/or statistical processing of data

According to the 2016-2020 Education Plan for the three PhD Domains, (Medicine, Dental Medicine, Pharmacy), the *Methodology of Scientific Research* and *Biostatistics* disciplines are part of the training program. Education plans for 2016 - 2020: <http://old.umft.ro/oferta-educationala> 117

The Doctoral School disciplines for the academic year 2020 - 2021 are:

Mandatory disciplines

Methodology of scientific research
Ethics in scientific research
Biostatistics
Documentation, drafting and publication of scientific articles
Design and management of grants
Ethics and academic integrity

Optional disciplines

Experimental models in translational research
Communication, oral presentation and presentation of posters
Modern techniques in medical and pharmaceutical research
Bioinformatics and genomics applied in medical research
Medicine and evidence-based research
Evidence-based medicine

It can be observed that the requirements have been met and the criterion has been fulfilled

B.2.1.2. There is at least one discipline dedicated to ethics in scientific research and intellectual property or well-defined topics on these subjects within a discipline taught in the training program.

The training program of doctoral students includes the Ethics of *Scientific Research discipline*, which is part of the Education Plan, considering this fact criterion fulfilled.

http://old.umft.ro/oferta-educationala_117

The criterion has been fulfilled.

B.2.1.3. The IOSUD has created proper mechanisms to ensure that training programmes based on advanced university studies are aimed at "learning outcomes", specifying the knowledge, skills, responsibility and autonomy that PhD students should acquire after completing each discipline or through research activities

In accordance with the *UMFVBT Procedure for the elaboration of doctoral programs and the curriculum* and the *Regulation of examination and scoring of doctoral students*, <https://www.umft.ro/reglementari-interne-csud/>, as a result of the study disciplines and research activities, through training programs based on advanced university studies, PhD students will acquire the following knowledge and skills:

After completing the *Methodology of Scientific Research class*, PhD students will acquire the following professional skills and transversal skills:

Professional competences:

- Ability to select medical and pharmaceutical professional information of high scientific quality from printed bibliography and from sources on the Internet.
- Ability to detect the main sources of systematic and random errors that may occur in a clinical trial/scientific experiment.
- The ability to correctly select a particular statistical protocol/statistical test according to the design of the study/express research.
- The ability to correctly integrate a statistical protocol in the context of a scientific work in the biomedical field. Deepening methodological knowledge of scientific publication.

Transversal competences:

- Improving the doctoral student's analytical capacity on medical and pharmaceutical sources of information.
- Effective resolution of problems with a medium degree of difficulty, respecting the principles and rules of professional ethics, i.e. promoting a responsible attitude towards university training.
- Effective application of communication and networking techniques at organisational and disciplinary level.
- Developing acquired skills and adapting to the requirements of a dynamic society

Taking part of *Ethics* of scientific research discipline classes, PhD students acquire the following:

Professional competences:

- Understanding and applying ethical principles in medical-pharmaceutical research
- Establishing ethical standards in the research project, adequacy with ethical requirements in research on human subjects, in experimental animal research or in fundamental research (for the individual doctoral research project)
- Deepening the ethical evaluation of medical-pharmaceutical research and adapting to own research
- Identification of ethical requirements and minimum moral standards in biomedical research

Transversal competences:

- Gaining the awareness of roles in a medical scientific research team as well as interpersonal relationships, based on the principles, norms and values of the research ethics code.
- Gaining skills in implementing and monitoring ethical requirements in research projects
- Identifying responsibilities in a team and applying networking techniques and effective work within it
- Critical reflection and adaptation in the research subject researcher relationship

After attending the compulsory *Biostatistics class, as well as* and the practical work applied within the Doctoral School, participants are supposed to acquire the following skills and competences:

- Understanding the notions of statistical processing of biomedical data (data types, data description, estimation intervals, statistical tests, correlation and linear regression analysis, risk analysis) at a professional level.
- Ability to adequately understand and be able to critically interpret the reports of clinical or observational studies as well as statistical information found in medical literature.
- Gaining practical skills needed to analyze medical data using statistical packages (MS Excel, EpiInfo, PSPP) and correctly interpret statistical results,
- Developing the ability to integrate information from different sources.
- Effective communication and transfer of knowledge between specialists from different medical and non-medical fields.
- Identifying the role of an interdisciplinary team and taking over the responsibilities corresponding to the professional and personal profile.
- Gaining the understanding of basic concepts in biostatistics and qualitative methods applied in the processing of bio-medical data.
- Introducing the concepts of statistical data analysis and its connection with medical science. Development of knowledge on inferential statistics and its application in observational or clinical studies. Development of practical skills of statistical data processing and communication of results.

After completing the *Documentation, drafting and publication of scientific articles*, class, the PhD students will have gained the following skills:

- Knowledge of informational platforms and other sources of documentation
- Ability to analyze and synthesize research results
- Principles of the development of a scientific paper
- Harnessing the results of scientific research by publishing in specialized journals
- Concern for professional development by training critical thinking skills demonstrated by active participation during class and laboratory/seminar/project.
- Acquiring methods of systematization and presentation of studied information.
- Involvement in scientific research activities through participation in the development of scientific articles.
- Efficient use of information sources and resources of communication and assisted training (Internet, specialized software applications, databases, online courses, etc.)

In the *Ethics and Academic Integrity class*, students will acquire specific competences such as:

- Proven ability to select, combine and use knowledge, skills and other values and attitudes in order to successfully solve a certain work category or learning situation, regarding the

medical profession, in a effective and efficient maner.

- Knowledge, understanding and use of a specific language;
- Explanation and interpretation of the differences between explicit rules and implicit rules governing intellectual work;
- Application, transfer and resolution of problems arising in specific intellectual activities;
- Critical and constructive reflection;
- Creativity and innovation in academia, developing a culture of responsibility in intellectual work.
- Transverse competences>
- Autonomy and responsibility in a multidisciplinary team;
- Social interaction (application of relational techniques and effective work in a multidisciplinary team and in relation to the patient);
- Personal and professional development (efficient use of information sources, communication and training resources in both the Romanian language and an international language; identification of objectives, stages of completion, deadlines regarding implementation, available resources, risks and conditions of completion in projects under coordination.)

After completing the *Experimental Models in Translational Research* class, the following educational objectives will be achieved:

General objective: Acquiring general knowledge regarding different experimental models and their value in translational research - with a focus on classical models used in research into cardio-metabolic pathology: ischemia-reperfusion-cardio-protection, endothelial dysfunction (with emphasis on MAO-mediated) and mitochondrial dysfunction.

Specific objectives: Acquiring in-depth knowledge of some classical experimental models with a role in translational research that can then be practiced individually in order to acquire the practical skills/skills to achieve them, as follows:

- Animal models of in vivo and in vitro study of myocardial ischemia/reperfusion and cardioprotection strategies investigated over time on the animal model with (and without) translational potential in humans.
- Model of study of endothelial dysfunction in the organ bath: ways of inducing and evaluating experimental endothelial dysfunction, oxidative stress assessment techniques, innovative therapies in vasculoprotection.
- Studying model of mitochondrial disfunction: ways of evaluating respiratory mitochondrial function and cellular bioenergetic profile, mitochondria as a therapeutic target in pathology.

Professional competences:

- Gaining knowledge regarding the terminology related to the concept of translational research.
- The ability to enumerate and explain the principle and usefulness of translational

research of the experimental models presented.

- Formulation of research hypotheses based on knowledge and interpretation of the current state of knowledge on the chosen doctoral theme.
- Propose a scientific research activity on an experimental model relevant to the conduct of doctoral studies on the chosen topic.

Translational skills

- The ability to work as a team, identify roles and responsibilities in a multidisciplinary team and apply networking techniques and effective work within the team.
- Efficient use of information sources and resources of communication and assisted training (Internet portals, ex PubMed, databases, online courses, specialized software applications- e.g. Mendeley, EndNote, etc.) in both Romanian and English.
- Identification of the objectives to be achieved, the resources available, the conditions for their completion, the working stages, the working times, the related deadlines and the related risks.

After completing the *Writing Of the doctoral thesis. Intellectual property* class, PhD students will be able to:

- Correctly Quote sources.
- Avoid plagiarism
- To request anti-plagiarism verification of the doctoral thesis and to understand the results of the similarity report obtained
- To know the standards for the elaboration of the doctoral thesis pertaining to UMFVBT
- Demonstrate in the doctoral thesis the advanced scientific knowledge of the researched field, emphasize the elements of originality in the development or resolution of the research theme, as well as the ways of scientific validation of own results

Following the *Bioinformatics and Genomics applied in medical research*, class, PhD students will acquire the following knowledge:

General knowledge: knowledge regarding the methods of study of the genome (genomics), in the computer technologies that can be applied in doctoral studies in the fields of medicine, biology, computer science and mathematics.

Specific knowledge: knowledge of fundamental concepts (phenotype – genotype), practical methods of obtaining genetic information (genotyping, classical and modern sequencing), theoretical methods of study of genetic information (chaining analysis, association studies), methods of extracting biological-clinical relevance from the results of the study of genetic material (annotation, elucidation of the concept of causal variant).

Following the *Communication, oral and poster presentation* class, PhD students will acquire the following:

Knowledge and understanding (knowledge and appropriate use of discipline-specific notions)

- Identification and use of language and knowledge in the field of medicine, especially regarding the elaboration of scientific texts.
- Use of data collecting methods and techniques and processing it from different sources. Making specific graphic materials.
- Development of specialized studies and projects.
- Harnessing the results obtained from analyses of studies and geographical projects.
- Explanation and interpretation (explanation and interpretation of ideas, projects, processes, as well as theoretical and practical content of the discipline)
- Application of effective and responsible work strategies based on the principles, rules, and values of the code of professional ethics.
- Application of effective multidisciplinary teamwork techniques, ethical attitude towards the group, respect for diversity and multiculturalism, acceptance of diversity of opinion

The general objective of the discipline is both the identification and use of the medical language and the application of drafting techniques in different contexts of doctoral studies, deepening some notions of theoretical and practical structuring of the medical text, knowledge of the typology of medical scientific works, training the skills of drafting medical scientific texts and assimilating the general principles of their drafting.

Following the *Modern Technique in medical and pharmaceutical research class*, PhD students will acquire the following notions:

- Presentation, explanation and appropriation of fundamental notions of molecular processes related to the biology of nucleic acids
- Presentation, explanation and appropriation of the basic principles of molecular DNA/RNA tests with utility in clinical medical and research practice
- Presentation and explanation of the main categories of molecular DNA/RNA tests used in clinical and research medical practice
- Knowledge regarding the main stages and techniques used in plant research as sources of new medicines.
- Knowledge regarding the main steps and techniques used in the quality control of photo preparations.
- Knowledge and understanding of theoretical notions related to modern technologies in dental medicine.
- Learning specific skills involved in experimental studies.
- Professional improvement by training critical thinking skills vis-à-vis molecular processes/techniques for the analysis of nucleic acids presented.
- Efficient use of information and professional training resources (internet, software applications, online database analysis, online courses, etc.)
- Skills for selecting the most representative bibliographic sources; the ability to distinguish high-quality bibliographic sources professionally.
- Identification of objectives, available resources, conditions for their completion, stages of work, deadlines for each stage of work and risks related to research activities.

Upon completion of the *Grant Design and Management class*, PhD students acquire specific skills:

- Acquiring appropriate medical and scientific language.

- Knowledge regarding writing specific forms for specific sources of funding/research grants.
- The ability to complete the competition forms.
- Critical reasoning regarding research grant competitions.
- Concern for professional development by training critical thinking skills demonstrated by active participation in the course and laboratory/seminar/project;
- Forming an ethical attitude towards research grant competitions.
- Involvement in scientific research activities through participation in the development of reports, studies, specialized articles;
- Efficient use of information sources and resources of communication and assisted training (Internet portals, specialized software applications, databases, online courses, etc.) in both the Romanian language and an international language of movement.

Upon completion of the *Evidence-Based Medicine class*, PhD students will acquire professional and transversal skills. At the end of the courses PhD students will be able to:

- assess the need for information
- to formulate substantive and foregoing questions
- choose appropriate evidence
- interpret the results of the studies

Evidence-based medicine prepares PhD students to assess the need for information, ask questions to find answers, identify appropriate evidence, evaluate this evidence, interpret results and use evidence for patient care.

- Demonstration of the ability to ask focused, well-worded questions when faced with a clinical problem
- Demonstration of the ability to effectively conduct a search in the literature using the Pubmed database
- Demonstration of the ability to critically assess the published report of a clinical trial
- Demonstration of the ability to incorporate the assessment of evidence into the decision taken in the case of individual patients
- Acquiring analytical skills and information integration
- Development of critical judgment
- Efficient use of information sources (Internet portals, data bases).

After completing the *Methodology of drafting and publishing scientific articles class*, PhD students will be able to:

- Know the rules for drafting scientific articles
- Know the importance of ethics in the process of publishing research results
- Know the types of articles that can be published, the types of magazines in which you

can publish

- Know the importance of the visibility of published articles (Hirsch index, impact factor, influence factor, etc.)
 - Know the steps used for writing and publishing scientific articles
- be able to communicate the results of their own research and discuss the objectives, results and implications of personal research in medical journals;

The preparation of the doctoral project provides an initiation step of doctoral students in medical research.

The criteria from our point of view is fulfilled.

B.3.1.1. Certain mechanisms exist within the doctoral school for harnessing the results of doctoral studies in accordance with the specifics of the field (e.g. technology transfer, products, patents in the case of exact sciences; products and services in the case of social sciences and humanities; festivals, competitions, recitals, sports competitions; cultural-artistic commands in the vocational field; presentations at national and international conferences, publication of the results of research in national publications and involvement of PhD students in the development of research and development projects, etc.)

According to the report received from the person responsible for the Patents for UMFVBT, within IOSUD –UMFVBT, the activity pertaining to invention is highlighted by patenting various products, IOSUD – UMFVT being a constant presence at the Romanian Invention Conventions, research activity leading to the granting of the following patents:

1. UMF Timișoara (Văduva AO). *Device and method for cryoinclusion of tissue material for microscopic examination*. Patent of invention, no. 130705, issued by OSIM in 2019.

2. UMF Timișoara (Măroiu AC, Sinescu C, Romînu M, Negruțiu ML, Rusu LC, Levai CM). *Embattled dental facets*. Patent of invention No. 131840, issued by OEM in 2020.

3. UMF Timișoara (Borcan L-C, Popescu FG, Borcan F, Păuncu E-A, Tomescu MC, Dehelean CA). *Absorbent product for hydrogen sulfide and process of obtaining it*. Patent of invention No. 133956 issued by OSIM in 2021.

4. UMF Timișoara (Vlaia LL, Olariu IV, Coneac GH, Lupuliasa D, Vlaia V, Mut AM). *Medicinal composition with propranolol hydrochloride and eucalyptol for the topical treatment of infantile hemangiomas*. Patent of invention No. 130963 issued by OSIM in 2021.

The OSIM patent database can be found at the following address:

<http://online.osim.ro/cgi-bin/invsearch8>

<https://www.umft.ro/category/cercetare/brevete/>

http://old.umft.ro/brevete_689

On the 15th of April 2021, PhD students from UMFVBT participated at the Conference entitled "*Scientific Articles and their drafting in relation to the standards in force*", guest lecturer, Prof. univ. dr. Andreea Letitia Arsene, Editor-in-Chief of Pharmacy Journal.



<https://www.umft.ro/event/conferinta-articole-stiintifice-si-modul-de-redactare-a-acestora-raportat-la-standardele-in-vigoare/>

On March 12, 2021, PhD students from the UMFVBT participated at the Conference entitled "*Experimental models for the study of bone regeneration in vivo*", guest lecturer Prof. Univ. Dr. habil. Anca HERMENEAN, Prorector research and doctoral studies, Director of the Institute of Life Sciences "Aurel Ardelean" - Western University "Vasile Goldis" Arad.

http://old.umft.ro/evenimente-din-cadrul-universitatii-de-medicina-si-farmacie-victor-babes-din-timisoara_172/modele-experimentale-de-studiu-a-regenerarii-osoase-in-vivo_519

From the 11th to 12th of March 2021, the Scientific Webinar for PhD students from UMFVBT's Doctoral Schools took place. The webinar comprised in extenso articles published in ISI journals, with impact factor, 18 PhD students participating.

http://old.umft.ro/evenimente-din-cadrul-universitatii-de-medicina-si-farmacie-victor-babes-din-timisoara_172/webinarul-stiintific-al-studentilordocoranzidincadrul-scolilor-doctorale-ale-umfvbt_521

During 2016 – 2019, UMFVBT hosted the Scientific Session of Doctoral Students, during the University Days. Doctoral students from the Doctoral Schools participated in the oral presentation and poster sessions.

http://old.umft.ro/noutati-cu-privire-la-studiile-doctorale_114

At UMFVBT, all PhD students publish results of research in national and international publications according to (**Annex 46**).

The IOSUD-UMFVBT held project competitions for young researchers.

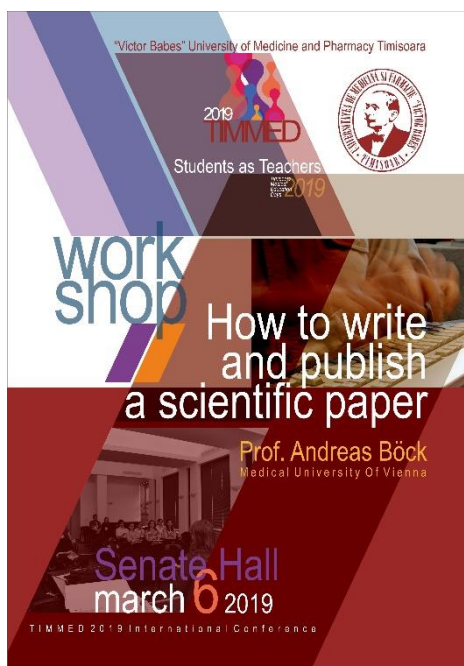
http://old.umft.ro/competitie-interna-2016_388

http://old.umft.ro/competitia-tineri-cercetatori-2017_506

http://old.umft.ro/competitie-cercetare-doctorala-20192020_773

On March the 6th, 2019, the "*How to write and publish a scientific paper*" workshop was held, presented by Prof. Dr. Andreas Bock, University of Vienna, attended by Doctoral students from the Doctoral Schools.

http://old.umft.ro/data_files/documente-atasate-evenimente/4894/program_20timmed_202019.pdf



The conference "Timisoara Medical Education Days" was held between the 3rd and the 5th of November 2016, Doctoral students participating from the IOSUD-UMF Doctoral Schools.

<http://old.umft.ro/evenimente-din-cadrul-universitatii-de-medicina-si-farmacie-victor-babes-din-timisoara-172/timmed-2016-241>

During the "Center for the developing practical skills in the field of medicinal plants", a Summer School and two workshops were organized. Doctoral students as well as international guests were able to attend the Summer School. The project includes international collaboration with the University of Szeged (Hungary), Wright State University, Dayton (USA), University of Lorraine (France), Institute of Pharmacology and Toxicology Clinic of the Goethe University Frankfurt Main (Germany), and nationally with the University of Agricultural Sciences and Veterinary Medicine of Banat Timisoara. **(Annex 47).**

B.4.1.1. At IOSUD level, the percentage of invalidated theses, without the right to restore and resume the process of public presentation, at the General Council of the National Council for attestation of University Titles, Diplomas and Certificates (CNATDCU) level, is no more than 5% in the last 5 years

During the period between 2015–2020, there are no invalidated doctoral theses conducted in UMFVBT's IOSUD Doctoral Schools, without the right to restore and resume the process of public presentation, at the level of the CNATDCU General Council, so we consider this criterion fulfilled **(Annex 48).**

C. QUALITY MANAGEMENT

C.1.1.1. IOSUD has developed and regularly applies a procedure for the assessment and internal monitoring of activities within doctoral schools, amongst these evaluated mandatory criteria being the following:

a) the scientific activity of PhD leaders;

In UMFVBT's IOSUD, regular assessments of the scientific work of PhD leaders are conducted within the Doctoral Schools, according to the IOSUD - UMFVBT (**Annex 49**) Doctoral Leadership Assessment Sheet and the quality assurance procedure issued by the CSUD (**Annex 50**).

<https://www.umft.ro/reglementari-interne-csud/>

b) the infrastructure and logistics necessary to carry out the research activity;

For scientific research activities, PhD students from the Doctoral Schools of Medicine, Dental Medicine and Pharmacy can carry out research activities in the IOSUD – UMFVBT research center.

<https://www.umft.ro/cercetare/centre-de-cercetare/>

The research infrastructure and the offer of research services are presented publicly through the ERRIS profile platform <https://uefiscdi.gov.ro/platforma-erris>.

PhD students have access to the UMFVBT library, with access to international databases

<https://www.umft.ro/biblioteca/accesul-la-biblioteca/>,

<http://anelisplus2020.anelisplus.ro/>

The technical-material base has been continuously improved, the research laboratories being equipped with modern equipment and installations, which have allowed to increase both the quality of the educational process and scientific research, the members of the disciplines in the research centers having studies published in magazines included in international databases.

The spaces and material equipment of the doctoral schools within IOSUD – UMFVBT, allow the carrying out of research activities in the fields of Medicine, Dental Medicine, and Pharmacy (**Annex 36**).

c) the regulations and procedures on the basis of which doctoral studies are organized;;

Activitatea Școlilor Doctorale din cadrul IOSUD – UMFVBT este reglementată de următoarele documente:

- - *Institutional Regulation for the organisation and functioning of doctoral studies at UMFVBT*

<https://www.umft.ro/reglementari-interne-csud/>

- *Regulation of the UMFVBT Doctoral School*

<https://www.umft.ro/reglementari-interne-csud/>

- Methodology regarding the designation and election of members of the Council for University Doctoral Studies and the Council of the Doctoral School

<https://www.umft.ro/reglementari-interne-csud/>

Evidence of elections at CSUD/CSDlevel:

<http://old.umft.ro/concurs-director-csud-2020> 853

<https://www.umft.ro/alegeri-csd-2021/>

<http://old.umft.ro/alegeri-csud-2020> 915

- Methodology regarding the election of directors of the UMFVBT Doctoral School Councils <https://www.umft.ro/reglementari-interne-csud/>

<https://www.umft.ro/alegeri-csd-2021/>

-UMFVBT's Procedure for the elaboration of doctoral degree programs and curriculum <https://www.umft.ro/reglementari-interne-csud/>

- Procedure for completion of university doctoral studies

- UMFVBT's Procedure regarding the recognition of THE PhD degree and the title of PhD graduate obtained abroad <https://www.umft.ro/reglementari-interne-csud/>

-UMFVBT's Procedure for automatic recognition of the status of doctoral leader/habilitation obtained in accredited Universities abroad <https://www.umft.ro/reglementari-interne-csud/>

<http://old.umft.ro/proceduri-pcue> 877

- UMFVBT's Methodology regarding the organization of admission to doctoral degree cycles, 2021-2022

<https://www.umft.ro/wp-content/uploads/2021/04/1.-Metodologia-privind-organizarea-admiterii-in-ciclurile-universitare-de-doctorat.pdf>

- UMFVBT's Methodology of completion of doctoral studies <https://www.umft.ro/reglementari-interne-csud/>

- Contract for University Doctorate Studies sample

<http://old.umft.ro/reglementari-cu-privire-la-studiile-doctorale> 120

d) social and academic support services (including participation in various events, publication of articles.m, etc., and advice made available to PhD students.

IOSUD – UMFVBT motivates PhD students, through programs that provide them with certain facilities, namely, the payment of publishing taxes, as granted by the UMFVBT Senate Decision No. 24/7135 from the 24th of June 2020 (**Annex 51**).

The university senate approves the following levels of payment/reimbursement of publication fees in ISI indexed journals, as follows:

- IF 0.5-0.99 = 500-euro max

- IF 1-1.99 = 1500 euro max

- IF 2-2.99 = 2000 euro max

- IF 3-3.99 = 2500 euro max

- IF 4-5.99 = 3000 euro max

- IF 6-7.99 = 4000 euro max

- IF 8-10 = 5000 euro max

- IF > 10 = within a 8000 euro limit



According to the Senate Decision No. 25/7135 from the 24th of June 2020 (**Annex 52**) The University Senate approves annual financial support for:

A. Article with the highest impact factor.

1st place - 5,000 RON

2nd place - 3,000 RON

3rd place - 1,000 RON

B. The project with the highest funding (projects financed from national, international, non-refundable competitions)

1st place - 5,000 RON

2nd place - 3,000 RON

3rd place - 1,000 RON

The CSUD budget for 2020 is approved as stated in the Decision of the Administrative Board of 13.03.2020, thus 90% of the revenue received from fee-paying Doctoral students is allocated for the organization and functioning of the Council for University Doctoral Studies (CSUD) of the Organizing Institution of University Studies of Doctorate – Victor Babeș University of Medicine and Pharmacy in Timișoara, approved by the Senate Decision No. 3/4579 from the 25th of March 2020 (**Annex 53**)

University Senate approves modification of tuition fees for doctoral studies, according to the Senate Decision No. 5/4579 from the 25th of March 2020 (**Annex 54**), as follows:

-Reducing the tuition fee for doctoral studies from 5000 lei/year to 3000 lei/year.

-Establishing the amount of the tuition fee for university doctoral studies, in case of the extension of the duration of the doctoral degree program, namely 4000 lei/year.

-Introducing a re-registration fee for university doctoral studies in the 5000 lei/year.

During the UMFVBT Days, merit scholarships, performance scholarships or excellence scholarships were awarded, as appropriate, to PhD students with special merit in scientific research who presented extensive publications in ISI-listed journals with an impact factor above 1, as well as oral presentations or posters (**Annex 55**).

<http://old.umft.ro/noutati-cu-privire-la-studiile-doctorale> 114

UMFVBT has financially supported PhD students through the award of internal research grants, according to the HCA. from the 8th of January 2019 (**Annex 56**).

The scientific research project funding contracts are attached (**Annex 57**).

Expenditure for the travel and accommodation of the doctoral thesis Presentation committee members shall be determined in accordance with the law, on the basis of the supporting documents for transport and accommodation, in accordance with *the Regulation on reimbursement of travel and accommodation expenses of the members of the doctoral committees* approved by the Senate Decision No. 12/9161 from the 29th of June 2017 (**Annex 58**).

The criterion is met.

C.1.1.2. Student associations and, where appropriate, student representatives organize elections among Doctoral students, regarding positions in the CSUD, by universal, direct and secret vote, all doctoral students having the right to vote and be elected

- *Methodology regarding the designation and election of members of the Council for University Doctoral Studies and the Council of the Doctoral School*
<https://www.umft.ro/reglementari-interne-csud/>

The PhD students organize elections for the position of representative member of the Doctoral students on the Council for University Doctoral Studies Board, according to the minutes dated the 6th of November 2020 (**Annex 29**).

C.1.1.3. Student associations and, where appropriate, student representatives organize elections among Doctoral students, at the level of each doctoral school, regarding positions on the boards of the doctoral schools, by universal, direct and secret suffrage, all Doctoral students having the right to vote and be elected

PhD students, members representing PhD students on the Doctoral School Council, organize elections as according to the following minutes. (**Annex 14**), (**Annex 24**).

- *Methodology regarding the designation and election of members of the Council for University Doctoral Studies and the Council of the Doctoral School*
<https://www.umft.ro/reglementari-interne-csud/>

- The methodology regarding the election of the directors of the doctoral school councils in the “Victor Babeș” University of Medicine and Pharmacy from Timișoara.
<https://www.umft.ro/reglementari-interne-csud/>

The PhD student’s right to free speech as well as the initiation of their right to associate as stated in the minutes from May 2021 (**Annex 60**) makes us consider that the doctoral leader – doctoral student mutual respect relationship is assured and the criterion is fulfilled.

**C.1.1.4. Following the internal evaluation, both IOSUD and the doctoral schools develop certain strategies and policies of action in order to remedy the deficiencies reported and to stimulate the scientific and academic performance of the IOSUD*

Within the UMFVBT’s IOSUD doctoral schools, through voted and implemented regulations and procedures, use ongoing mediation strategies and policies, stimulating scientific and academic performance. Conferences with prestigious guests are held for PhD students, the current rules and regulations are watchfully reconsidered when necessary, as well as the application of information about national strategies. Even during specialized classes, data on these issues are presented. PhD students receive advice and guidance. The Code of Ethics and the Rules of the Doctoral Schools, as well as the

institutional regulations, provide data very clearly on some of these issues. Doctoral schools have had various strategic development plans in the past. The CSUD is currently debating an action policy strategy to address shortcomings and boost scientific and academic performance in collaboration with the two CSDs.

<https://www.umft.ro/deace/>

<https://www.umft.ro/reglementari-cercetare/>

<https://www.umft.ro/reglementari-interne-csud/>

The plan for the implementation of the treaties was discussed at the CSUD meetings in 2021 and will be implemented through the following decisions of the administration and senate. We consider the criterion met.

C.2.1.1. The IOSUD publishes on the website of the higher education institution, in compliance with the regulations in force on data protection, information regarding:

The IOSUD – UMFVBT website publishes the necessary information regarding the doctoral degree programmes, for candidates of these programmes, the university community and other interested natural or legal persons.

www.umft.ro, <http://old.umft.ro/prezentare-general-a-studii-doctorale> 115

(a) the IOSUD/doctoral school regulation;

- UMFVBT Institutional Regulation for the organisation and functioning of doctoral studies <https://www.umft.ro/reglementari-interne-csud/>

- UMFVBT Regulation of the Doctoral Schools <https://www.umft.ro/reglementari-interne-csud/>

(b) the admission rules;

- UMFVBT Methodology regarding the organisation of admission to doctoral studies , 2021-2022

<https://www.umft.ro/wp-content/uploads/2021/04/1.-Metodologia-privind-organizarea-admiterii-in-ciclurile-universitare-de-doctorat.pdf>

(c) the doctoral studies contract;

- UMFVBT Model of the Doctoral Study Contract

<http://old.umft.ro/reglementari-cu-privire-la-studiile-doctorale> 120

<https://www.umft.ro/reglementari-interne-csud/>

(d) the regulation for the completion of studies, including the procedure for public support of the thesis;

- UMFVBT Methodology regarding the completion of doctoral studies

<https://www.umft.ro/reglementari-interne-csud/>

(e) the content of training programmes based on advanced university studies;

Within IOSUD –UMFVBT, the doctoral degree-based training programme is set up according to the curriculum.

http://old.umft.ro/oferta-educationala_117

f) academic and scientific profile, domain research themes of the Doctoral leaders, as well as their institutional contact data

Academic and scientific profile, thematic areas, research themes of PhD leaders pertaining to the Domain of Medicine, Dental Medicine, Pharmacy, as well as their institutional contact data are made public on the UMFVBT website.

https://www.umft.ro/facultati/csud/csud_componenta-csud-si-descriere/

g) the list of doctoral students in the school with basic information (year of registration, leader);

List of registered students, pertaining to the Domain of Medicine, Dental Medicine and Pharmacy: https://www.umft.ro/facultati/csud/csud_componenta-csud-si-descriere/

h.) information regarding the standards for elaborating the doctoral thesis;

Standards for the elaboration of the doctoral thesis at UMFVBT, as well as rules for drafting the doctoral thesis

<https://www.umft.ro/reglementari-interne-csud/>

i.) information on opportunities for PhD students, such as attending conferences, publishing articles, attaining scholarships grants, etc.;

PhD students receive funding and support for attending conferences (see HCA UMFVBT) and publishing articles by paying/reimbursing publication fees in ISI indexed journals for PhD students who do not have a contract of employment with the university, yet the PhD leader is from UMFVBT, according to the Senate Decision No. 24/7135 from the 24th of June 2020 (**Annex 51**). Payment/reimbursement shall be achieved from the budget of the CSUD. PhD students receive awards, as well as funding of research projects from the UMFVBT budget. (Link grants PhD students)

https://www.umft.ro/category/csud/informatii_doctoranzi/

https://www.umft.ro/category/cercetare/competitie_interna/

j.) links to the summaries of the doctoral thesis to be publicly supported, as well as the date, time, location where they will be supported, at least 20 days before the support.

Public data on the UMFVBT doctoral theses to be presented:

http://old.umft.ro/2021_941

https://www.umft.ro/teze-csd_mf-2021/

https://www.umft.ro/teze-csd_md-2021/

We consider the criterion met.

C.2.2.1. All PhD students have free access to a platform with academic databases relevant to the field of doctoral studies in which they are conducting their thesis.

Through research centers and direct involvement of CSUD and CSDs, PhD students are supported in the conduct of academic research and development.

The UMFVBT Library has been modernized with the help of the University Leadership, providing a highly equipped Multimedia room that offers users such as professors, students, researchers and PhD students an appropriate environment for study and research.

Here one can find a new brand of computers, namely Think Centre, offering the possibility of consulting all the publications that the Library owns. Search of specific data is aided by the two Platforms we own: Liberty 5 and eBibliophil. The main objective of UMFVBT libraries is to support the Education, Research and Development process.

UMFVBT has concluded a contract with the Association of Universities, Research Institutes – Development and Central University Libraries of Romania regarding the development of the "Nationalelectronic access to scientific literature to support the Romanian research and education system – ANELIS PLUS 2020" project. **(Annex 59)**

The UMFVBT Library as well as agreements with other universities allow PhD Students taccess to platforms with important databases through the ATU Alliance, the Timisoara University Alliance (the Senate Decision No. 36/6022 from the 27th of May 2020) and the G6 – UMF alliance between the main universities of medicine and pharmacy in the country according to the Senate Decision No. 86/12188 from the 16th of September 2020.

<https://www.umft.ro/category/dezvoltare/acorduri-interuniversitare/>

<https://www.umft.ro/biblioteca/biblioteca-multimedia/>

<https://www.umft.ro/biblioteca/>

We consider the criterion fulfilled.

C.2.2.2. Each PhD student has access, upon request, to an electronic system to verify the degree of similarity with other existing scientific or artistic creations

To ensure quality scientific research, the university has acquired a software for detecting plagiarism (www.sistemantiplagiat.ro), made available to the entire academic community. All doctoral theses conducted are subjected to antiplagiarism assessment . and the antiplagiarism procedure according to the Senate Decision No. 138/8890 from the 28th of April 2021(**Annex 35**).

The criterion is fulfilled.

C.2.2.3. All Doctoral students have access to scientific research laboratories or other facilities depending on the specifics of the field/domains within the doctoral school, according to rules of internal order

In UMFVBT's IOSUD, PhD students from the Doctoral School of Medicine – Pharmacy and the Doctoral School of Dental Medicine, all have access to advanced research centers and methodological and research centers. The research centers operate according to the *Regulation on the establishment, recognition and operation of the UMFVBT centers* (**Annex 61**).

<https://www.umft.ro/cercetare/centre-de-cercetare/>

According to the decision of the Board of Directors of UMFVBT Nr. 19/10226 / 28.05.2021, students whose leaders are not part of the research centers, are supported and guided to submit an application in this regard. (**Annex 62**)

We consider the criterion met.

**C.3.1.1. The IOSUD, has concluded mobility agreements with universities abroad for each doctoral school, with research institutes, with companies carrying out activities in the field of study, in order to increase the mobility of doctoral students and teachers (e.g. ERASMUS agreements for the doctoral studies cycle). At least 35% of Doctoral students have completed a traineeship abroad or some other form of mobility, such as attending international scientific conferences. IOSUD develops and implements policies and plans of measures aimed at increasing the number of Doctoral students participating in training courses abroad, up to at least 20%, which is the target at the level of the European Higher Education Area.*

IOSUD-UMFVBT stimulates the increase of the number of collaboration agreements with national and international universities and research institutes, where doctoral students to carry out a part of their research activity in the field of interest, as well as the dissemination of the obtained results, to be presented at international prestigious events. (**Annex 63**)

According to the Inter-Institutional Agreement 2016 / 2017-2020 / 2021 within the ERASMUS + ROTIMISOA02-ISASSARI01 program, between UMFVBT and the University of Sassari,, Italy, the training of medical students for a period of 2 pers x9 months is ensured (**Annex 64**)

According to the Inter-Institutional Agreement 2014-2021 within the ERASMUS + ROTIMISOA02 -HUBUDAPES08 program, between UMFVBT and Semmelweis University, Budapest, Hungary, the training of medical students is ensured for a period of 2pers x 6 months (cycle 1), respectively 2x 6 months (cycle 3) (**Annex 65**)

According to the Inter-Institutional Agreement 2014-2021 within the ERASMUS + ROTIMISOA02- HUSZEGED01 program, between UMFVBT and the University of Szeged, Hungary, students are trained for a period of 2 pers x 10 months (cycle 1/2), respectively 1 pers x10 months (cycle 3) (**Annex 66**)

According to the Inter-Institutional Agreement 2015-2021 within the ERASMUS + ROTIMISOA02-IBARI01 program, between UMFVBT and Aldo Moro University, Bari, Italy, the training of medical students for a period of 6pers x6 months is ensured (**Annex 67**)

According to the Inter-Institutional Agreement 2014-2021 within the ERASMUS + ROTIMISOA02 -FMARSEIL84 program, between UMFVBT and the University of Marseille „ France, Hungary, the training of medical students is ensured for a period of 4 pers x 10 months cycle 2), respectively 1pers x10 Monday (cycle 3) (**Annex 68**)

According to the centralization of the scientific activity of doctoral students, belonging to the Medical Field, it is found that a number of 46 doctoral students participated / gave presentations at international conferences, and 8 benefited from ERASMUS mobilities, other than those mentioned above.

Thus, 14% of PhD students in the field of Medicine have completed a training period abroad or another form of mobility, such as participation in international scientific conferences. We consider this criterion partially fulfilled, following that after the favorable conclusion of the pandemic, the participation of doctoral students of the Medical Field in international mobility will be resumed, in partnership with prestigious universities.

It is mentioned in the field of Dentistry, that at least 36 doctoral students (35%) have completed a training course abroad or another form of mobility, such as participation in international scientific conferences.

In the field of Pharmacy, PhD students also participate in various conferences and exchanges of activities at the international level.

IOSUD's strategic plan will also include new policies to develop foreign study mobilities for PhD students, taking into account the general situation and the evolution of the pandemic. For the period 2015 - 2020, PhD students participated in conferences and carried out mobility according to the (**Annex 69**).

This criterion also refers to the pandemic situation and the problems that arose, especially related to mobilities and conferences.

C.3.1.2. The IOSUD supports, including from a financial standpoint, the international joint supervision of PhDs, i.e. inviting recognized experts to give courses/lectures for PhD students.

The Director of the CSUD invited personalities from abroad to join the Summer School and also to teach classes for PhD students.

On the 6th of March, 2019, the workshop "*How to write and publish a scientific paper*" was held, presented by Prof. Dr. Andreas Bock, University of Vienna, attended by Doctoral students from all UMFVBT Doctoral Schools.

http://old.umft.ro/data_files/documente-atasate-evenimente/4894/program_20timmed_202019.pdf

The Scientific Council attached to the Rectorate of UMFVBT organized in 2019 three grant competitions addressed to experienced researchers, postdoctoral researchers, respectively doctoral students. The submission of project proposals was done online on a specialized platform, at: <https://umft.grantplatform.com/>.

For the DOCTORAL STUDENTS competition, 16 applications were submitted. Their distribution within the three faculties of UMFVBT, following the evaluation by experts from outside Romania, 6 projects were financed (**Annex 70**).

Criterion fulfilled.

**C.3.1.3. At least 10% of the doctoral thesis in each doctoral school within the IOSUD is written and/or presented in a language of international circulation or is performed in joint supervision.*

For the period spanning from the 1st of Oct 2015 to the 30th of Sept 2020, there have been a total of 151 doctoral theses conducted, pertaining to the Medicine-Pharmacy Doctoral School (149 thesis pertaining to the Medicine Domain, and 2 to the Pharmacy Domain).

Regarding the joint supervision of doctoral theses conducted from the 1st of Oct 2015 to the 30th of Sept 2020, there have been 3 such thesis pertaining to the Medicine-Pharmacy Doctoral School.

For the same period, there have been a number of 14 theses written in English, pertaining to the Medicine-Pharmacy Doctoral School.

For the period spanning from the 1st of Oct 2015 to the 30th of Sept 2020, there have been a total of 17 doctoral theses conducted, pertaining to the Dental Medicine Doctoral School.

Regarding the joint supervision of doctoral theses conducted from the 1st of Oct 2015 to the 30th of Sept 2020, there has been 1 such thesis pertaining to the Dental Medicine Doctoral School.

For the same period, there has been 1 thesis written in English, pertaining to the Dental Medicine Doctoral School.

According to the previously reported data, we consider Criterion *C.3.1.3.as being Fulfilled.

Doctoral Theses conducted between 1st of Oct 2015 to the 30th	No. of theses
Medicine-Pharmacy Doctoral School	
Total number of PhD Theses	151
Joint Supervision PhD Theses	3
No of Theses written in English	14
Total no. of Joint Supervision/English Theses	17
Doctoral Theses conducted between 1st of Oct 2015 to the 30th	No. of theses
Dental Medicine Doctoral School	
Total number of PhD Theses	17
Joint Supervision PhD Theses	1
No of Theses written in English	1
Total no. of Joint Supervision/English Theses	2

Univeristy Year	2015/2016	2016/2017	2017/2018	2018/2019	2019/2020
Domain of Medicine					
Number of PhD Theses	20	35	22	34	38
Domain of Dental Medicine					
Number of PhD Theses	3	6	2	3	3
Domain of Pharmacy					
Number of PhD Theses	-	-	-	1	1
Total	23	41	24	38	42

C.3.1.4. The internationalization of activities pertaining to the doctoral studies is supported by the IOSUD through other specific measures (e.g. participation in educational fairs to attract international doctoral students; inclusion of international experts in committees to guide or support doctoral thesis, etc.).

Activities within the Doctoral Schools are internationalized through PhDs conducted in joint international supervision, cooperation agreements between PhD leaders, PhD students and other institutions abroad. Another important aspect is the involvement of foreign researchers in the evaluation PhD students' project funding. At the same time, the regulation regarding travel, accommodation expenses reimbursement aims to support collaboration, as well as the FDI internationalization projects, our University attending important educational fairs for recruitment, presenting our educational offer (**Annex 63**).

MFVBT supports the internationalization of doctoral studies activities by participating in educational fairs to attract international students.

Between 15-16.06.2016, UMFVBT participated through a delegation at the VOCATIUM BERLIN International Education and Vocational Orientation Show, Berlin, Germany. (**Annex 71**)

Between 08-09.06.2017, UMFVBT participated through a delegation at the international trade fair for education and vocational guidance NORDJOB VOCATIUM 2017, Frankfurt-Offenbach, Germany ([Annex71](#)).

Between 23-25.11.2018, UMFVBT participated through a delegation at the international professional orientation Salon de l'Etudiant, Paris, France ([Annex71](#))

Between 2016 and 2019, within the "Victor Babeș" University of Medicine and Pharmacy in Timișoara, the Scientific Session of PhD students took place, on the occasion of the Days of the "Victor Babeș" University of Medicine in Timișoara. Doctoral students from the Doctoral Schools participated in the oral and poster presentation sessions and were awarded.

http://old.umft.ro/noutati-cu-privire-la-studiile-doctorale_114

Between November 3-5, 2016, the conference "Timisoara Medical Education Days" took place, attended by doctoral students from the Doctoral School of IOSUD-UMF "Victor Babeș" from Timișoara.

http://old.umft.ro/evenimente-din-cadrul-universitatii-de-medicina-si-farmacie-victor-babes-din-timisoara_172/timmed-2016_241

UMFVBT has developed whole series of students from abroad, and some of them wanted to pursue doctoral studies. CSUD wants to develop agreements with the University of Szeged, Hungary, universities in the USA, Germany and France, where a number of PhD students and PhD supervisors have been trained to develop doctoral research. The doctoral school enrolled students from India, Nigeria, Palestine, Greece, Syria.

At the end of 2021, a webinar on this topic will be organized with the main collaborators from abroad.

Criterion fulfilled.

C.4.1.1. IOSUD implements the current provisions regarding academic ethics and ethics/integrity, respectively academic freedom and detains: INDEPLINIT

- prevention-based policies regarding possible violation of the code of ethics and academic integrity, demonstrating this fact by public positioning, studies, analyses or measures;

- practices and mechanisms for the prevention of fraud both from the institutional perspective and from the perspective of PhD students;

- practices to prevent possible fraud in academic, research or other activities, including active measures to prevent and eliminate all forms of plagiarism, as well as to promote the principles of ethics and integrity/deontology or respect for intellectual property, copyright and related rights among all members of its academic community;

- administrative instruments to ensure the application of effective and eliminatory sanctions;



- *mechanisms and measures to ensure equal opportunities and to protect against intolerance and discrimination of any kind.*

All these practices are provided for, analyzed and sanctioned as according to the Institution's Regulation :

- The Institutional Regulation for the organization and functioning of the doctoral university studies within the "Victor Babeș" University of Medicine and Pharmacy from Timișoara <https://www.umft.ro/reglementari-interne-csud/>

- Regulation of the Doctoral Schools within the University of Medicine and Pharmacy "Victor Babeș" University of Medicine and Pharmacy from Timișoara <https://www.umft.ro/reglementari-interne-csud/>

<https://www.umft.ro/universitate/carta-universitatii/>

Anti-plagiarism regulations (Annex 35)

The CSUD and the two Doctoral Schools are conceiving a stricter programme for the application of effective and eliminatory sanctions and monitoring those who have posed problems during their conduct in the Doctoral Schools. The mechanisms and equal opportunities applied under IOSUD-UMFVBT have made our curricula open to those of Roma origin and a proposal for financial support through projects for those originating from disadvantaged backgrounds will be implemented.

The IOSUD continuously monitors and evaluates these practices and can demonstrate their application for all activities carried out and the involvement of students in all these processes, and the results of the monitoring are made public annually or whenever necessary.

C.4.1.2. All complaints concerning suspicions of plagiarism related to doctoral theses have been analyzed and resolved by IOSUD within the legal deadline for expressing the written point of view of the referral received.

This was not the case, but a new procedure is being applied. The procedure for applying some measures undertaken by IOSUD - UMFVBT following the non-observance of the doctoral academic ethics within the "Victor Babeș" University of Medicine and Pharmacy from Timișoara, which was approved by the Board of Directors on 28.05.2021 and was sent for approval at the UMFVBT Senate. It will be available on the UMFVBT Senate documents link.

- The Institutional Regulation for the organization and functioning of the doctoral university studies within the "Victor Babeș" University of Medicine and Pharmacy from Timișoara <https://www.umft.ro/reglementari-interne-csud/>

- Regulation of the Doctoral Schools within the University of Medicine and Pharmacy "Victor Babeș" University of Medicine and Pharmacy from Timișoara <https://www.umft.ro/reglementari-interne-csud/>
<https://www.umft.ro/universitate/carta-universitatii/>

Criterion fulfilled.

C.4.1.3. The annual reports of the Ethics Commission of the IOSUD contain information on the state of resolution of each case in which there has been a referral or self-assessment relevant to university doctoral studies concerning the violation of ethical norms and aspects

To the present date, there has been no such case. This fact is confirmed by the University Ethics Committee Reports, as stated in the [Annex 72](#).

Criteria Fulfilled.

C.4.1.4. The measures taken by IOSUD following the final decisions of the CNATDCU to withdraw the title of PhD graduate following complaints of plagiarism respect all matters addressed by the CNADTCU decision, as well as the current legislation.

To the present date, there has been no such case, however the newly proposed procedures, as well as the Doctoral School permanent regulations forbid such aspects ([Annex 73](#)).

- *The Institutional Regulation for the organization and functioning of the doctoral university studies within the “Victor Babeș” University of Medicine and Pharmacy from Timișoara* <https://www.umft.ro/reglementari-interne-csud/>

- *Regulation of the Doctoral Schools within the University of Medicine and Pharmacy “Victor Babeș” University of Medicine and Pharmacy from Timișoara* <https://www.umft.ro/reglementari-interne-csud/>

<https://www.umft.ro/universitate/carta-universitatii/>

Criteria fulfilled.

C.4.1.5. The measures to prevent academic fraud in university doctoral studies adopted by IOSUD may be as follows:

(a) suspension of the right to coordinate new PhD students for a period of 3 years in the case of PhD leaders who have coordinated a doctoral thesis with a final decision to withdraw the title of doctor for plagiarism;

(b) the exclusion from IOSUD of the doctoral leader who have coordinated at least two doctoral theses with a final decision regarding the withdrawal of the title of PhD graduate due to plagiarism;

c) suspension of the organization of the admission process for the respective doctoral domain, for a period of 2 years, if a doctoral thesis has been completed and published in respective domain, with a final decision of withdrawal of the title of PhD graduate due to plagiarism.

Through its regulations, UMFVBT's IOSUD takes specific measures to prevent academic fraud related to university doctoral studies ([Annex 73](#)).

- *UMFVBT Institutional Regulation for the organisation and functioning of doctoral studies* <https://www.umft.ro/reglementari-interne-csud/>

- *UMFVBT Regulation of the Doctoral Schools of the University of Medicine and Pharmacy* <https://www.umft.ro/reglementari-interne-csud/>

Criterion fulfilled.

**C.4.1.6. Researchers who have been part of the Pub committees of two or more doctoral theses that have led to a final decision of withdrawal of the title of PhD graduate due to plagiarism must not be appointed to other public presentation committees for a period of at least 3 years.*

To the present date, there has been no such case, however permanent Regulations of the Doctoral School forbid and sanction such aspects ([Annex 73](#)).

Criteria fulfilled.

C.4.1.7. IOSUD has a public database containing all doctoral thesis conducted in the institution, starting at least in 2016, in a format containing: domain, author, doctoral

leader, title of the thesis and doctoral theses in electronic format (if the author's consent exists). INDEPLINIT

All doctoral theses have been reported since 2016, according to current legislation, and have been uploaded to the national database, platform <https://rei.gov.ro/>.

They are available in accordance with current legislation.

Criterion fulfilled.

* The indicators reported by an asterisk have a special status, exclusively with reference to the IOSUD evaluation process, under the conditions of art. 12 of the annex no. 1 to order. In case of non-compliance, the Agency grants IOSUD a maximum period of 3 years to correct the deficiencies. During this period, the Agency will monitor the progress made by the doctoral schools concerned, through regular reports submitted by IOSUD and / or on-site visits, the final analysis of the fulfillment of the indicators being carried out at the time of their full compliance, but without to exceed the grace period granted by the Agency following the initial evaluation.

3. Strategies and procedures implemented at IOSUD level, in order to assure continuous quality improvement programmes of the Doctoral Schools, other than those presented in the minimal standard Annex. .

The doctoral schools of UMFVBT's IOSUD aim, at the recommendation of the European Association of Universities to nurture increasing research capacity, addressing some topics applicable at international level as well as stimulating student mobility.

All plans started with the validation of the new structures at the CSUD/CSD level include internationalization policies, including the proposed management plan developed for the CSUD Director contest. http://old.umft.ro/concurs-director-csud-2020_853

The implementation of the proposals in the management plan also includes assuring better visibility, as well as development of platforms for carrying out a relevant activity.

The development of programs to present the educational offer regarding doctoral studies is another strategic point of development. This includes participation in PhD students fairs, creation of specific protocols with other universities, including financial support from internal competition projects.

The regular preparation of self-assessment reports will facilitate fluency and monitoring of work within the Doctoral Schools. **(Annex 74)**

The development of a international grade publishing system, as well as presentating on the institution's website the many achievements with impact in international research will attract many future foreign collaboration projects.

Developing the funding of relevant research for young PhD students, including participation in agricultural research projects submitted at international competitions, as well as the developing future Erasmus, and so forth.

The directors of the Doctoral Schools, together with the Director of the CSUD and the related councils, will propose a new strategic plan for doctoral research for the 2021-2023 period, which will be found on the UMFVBT website, at the CSUD-CSD section.

Criterion fulfilled.

4. Additional information relevant to IOSUD.

Opis annexes, in electronic format, with access through links included in the text of the internal evaluation report. The annexes contain elements that prove the veracity of all the information presented in the internal evaluation report

OPIS ANNEX IOSUD REPORT

1. **Annex 1** Commission for the preparation of the ARACIS file
2. **Annex 2** Decree law no. 660 from December 1944
3. **Annex 3** Legislative decisions, doctoral schools within IOSUD-UMFVBT
4. **Annex 4** ARACIS evaluation from 2007 regarding IOSUD
5. **Annex 5** ARACIS Report of 2014 on UMFVBT
6. **Annex 6** Council for Quality Assurance in doctoral research
7. **Annex 7** The new structure of the Doctoral School with interim director
8. **Annex 8** PV No. 1834 from the 15th of February 2018 doctoral supervisor elections
9. **Annex 9** PV Nr. 692 from the 18th of January 2018 elections for doctoral students
10. **Annex 10** HS Nr. 40 5968 from the 24th of May 2018
11. **Annex 11** Establishment of the Pharmacy field
12. **Annex 12** CSD Medicine-Pharmacy Council 2020
13. **Annex 13** PV Nr. 8303 from 16.04.2021, first round elections doctoral students
14. **Annex 14** PV Nr. 8427 of 20.04.2021, elections for the second round of doctoral students
15. **Annex 15** PV Nr. 8302 of 16.04.2021 first round elections doctoral supervisors
16. **Annex 16** PV Nr. 8428 from 20.04.2021 elections for the second round of doctoral supervisors
17. **Annex 17** PV Nr. 9678 from 17.05.2021 elections Director of CSD MF



18. **Annex 18** HS Nr. 18 8140 of 27.06.2018 reactivation of the Doctoral School of Dentistry
19. **Annex 19** PV Nr. 12762 of 25.09.2018 member elections for PhD leaders in Dentistry
20. **Annex 20** PV Nr. 12779 from 25.09.2018 member elections Doctoral students Dental Medicine
21. **Annex 21** HS Nr. 10 13008 from 26.09.2018 Composition of the Doctoral School of Dentistry
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