

**"VICTOR BABEȘ" UNIVERSITY OF
MEDICINE AND PHARMACY FROM TIMIȘOARA
DOCTORAL SCHOOL
MEDICINE DOMAIN**



HABILITATION THESIS

**ACHIEVEMENTS AND NEW RESEARCH TRENDS
IN ONCOLOGIC AND GYNECOLOGIC SURGERY**

ABSTRACT

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I graduated from the Faculty of General Medicine at the 'Victor Babeș' University of Medicine and Pharmacy in Timișoara in 1997. In 1998, I obtained a position as a junior lecturer through a competitive examination within the Department of Surgical Semiotics II at the "Victor Babeș" University of Medicine and Pharmacy in Timișoara, and later, after passing the national residency exam, in January 1999, I chose the specialty of General Surgery.

In October 2006, I publicly defended my doctoral thesis entitled 'Therapeutic Approach in Advanced Colorectal Cancer,' which was conducted under the guidance of Prof. Dr. Ioan Riviș.

The conferral of the title of 'Doctor' in medicine is recorded in the Order of the Minister of National Education No. 632/21.03.2007.

I am currently conducting my teaching activities in higher medical education within the Department of Surgical Semiotics II at the Faculty of Medicine and Pharmacy 'Victor Babeș' in Timișoara, totaling 26 years of activity in higher medical education. In 2022, I was promoted to the position of Associate Professor within Department IX, Discipline of Surgical Semiotics II.

Regarding my professional competencies, I hold the following certificates: Certificate of Competence in Laparoscopic Surgery (2001) and Certificate of Competence in General Ultrasound (2005).

From a scientific activity standpoint, I participated as a co-author in the creation of a book published by a foreign publisher: Benefits, pp. 441-458, ISBN: 978- 953-51-0547-3. InTech Open Access Publisher, 2012, Croatia, hard cover, 476 pages DOI: 10.5772/2253.

Published articles – 42 in total – appeared in ISI-indexed publications (Web of Science). Among these, 10 of the most representative articles in the career are:

1. Brasoveanu, S; Ilina, R; Balulescu, L; Pirtea, M; Secosan, C; Grigoras, D; Olaru, F; Erdelean, D; Balint, O; Margan, MM; Ivan, CS; Pirtea, L. Evaluating Patient Preferences and Clinical Outcomes in Stress Urinary Incontinence Treatment: A Short-Term Follow-Up Study of the Transobturator Tape Procedure and Pubourethral Ligament Plication (a Minimally Invasive Technique). JOURNAL OF PERSONALIZED MEDICINE. 2024, JAN, Issue 1. 10.3390/jpm14010034

LINK: <https://www.mdpi.com/2075-4426/14/1/34>

2. Brasoveanu, S; Ilina, R; Balulescu, L; Pirtea, M; Secosan, C; Grigoras, D; Chiriac, D; Bardan, R; Margan, MM; Alexandru, A; Pirtea, L. Laparoscopic Pectopexy versus Vaginal Sacrospinous Ligament Fixation in the Treatment of Apical Prolapse. LIFE-BASEL. 2023 OCT Issue 10. 10.3390/life13101951

LINK: <https://www.mdpi.com/2075-1729/13/10/1951>

3. Marcu, A; Nitusca, D; Vaduva, A; Baderca, F; Cireap, N; Coricovac, D; Dehelean, CA; Seclaman, E; Ilina, R; Marian, C. Long Non-Coding RNA Expression in Laser Micro-Dissected Luminal A and Triple Negative Breast Cancer Tissue Samples-A Pilot Study. MEDICINA-LITHUANIA. 2021 APR Issue 4. 10.3390/medicina57040371

LINK: <https://www.mdpi.com/1648-9144/57/4/371>

4. Preda, M; Ilina, R; Potre, O; Potre, C; Mazilu, O. Survival Analysis of Patients with Inflammatory Breast Cancer in Relation to Clinical and Histopathological Characteristics. CANCER MANAGEMENT AND RESEARCH. 2020 VOLUME 12 p:12447-12455. 10.2147/CMAR.S278795

LINK: <https://www.dovepress.com/survival-analysis-of-patients-with-inflammatory-breast-cancer-in-relat-peer-reviewed-fulltext-article-CMAR>

5. Secosan, C; Balint, O; Pirtea, L; Grigoras, D; Balulescu, L; Ilina, R. Surgically Induced Menopause-A Practical Review of Literature. MEDICINA-LITHUANIA. 2019 AUG Issue 8. 10.3390/medicina55080482

LINK: <https://www.mdpi.com/1648-9144/55/8/482>

6. Pirtea, L; Secosan, C; Margan, M; Moleriu, L; Balint, O; Grigoras, D; Sas, I; Horhat, F; Jianu, A; Ilina, R. p16/Ki-67 dual staining has a better accuracy than human papillomavirus (HPV) testing in women with abnormal cytology under 30 years old. BOSNIAN JOURNAL OF BASIC MEDICAL SCIENCES. 2019, Issue 4 p:336-341, doi:10.17305/bjbms.2018.3560

LINK: <https://www.bjbms.org/ojs/index.php/bjbms/article/view/3560>

7. Pirtea, L; Balint, O; Secosan, C; Grigoras, D; **Ilina, R.** *Laparoscopic Pectopexy with Burch Colposuspension for Pelvic Prolapse Associated with Stress*

Urinary Incontinence. JOURNAL OF MINIMALLY INVASIVE GYNECOLOGY. 2020, JUL-AUG Volume 27, Issue 5 p:1023-1024, ISSN 1553-4650, FI 4.137

LINK: [https://www.jmig.org/article/S1553-4650\(19\)31284-1/abstract](https://www.jmig.org/article/S1553-4650(19)31284-1/abstract)

8. Moleriu, LC; Sas, I; Ratiu, AC; Margan, MM; Secosan, CA; Ilina, RS; Horhat, FG; Stana, LG; Grigoras, D; Pirtea, LC. HPV genotyping and p16/Ki-67 dual staining in the detection of high-grade cervical lesion in patients with LSIL on Pap smear. ROMANIAN JOURNAL OF MORPHOLOGY AND EMBRYOLOGY. 2017, Issue 2, p:433-437

LINK: <https://rjme.ro/RJME/resources/files/580217433437.pdf>

9. Pirtea, L; Grigoras, D; Matusz, P; Pirtea, M; Moleriu, L; Tudor, A; Ilina, R; Secosan, C; Horhat, F; Mazilu, O. Age and HPV type as risk factors for HPV persistence after loop excision in patients with high grade cervical lesions: an observational study. BMC SURGERY. 2016, OCT 6, doi 10.1186/s12893-016-0185-7

LINK: <https://bmcsurg.biomedcentral.com/articles/10.1186/s12893-016-0185-7>

10. Pirtea, L; Sas, I; Ilina, R; Grigoras, D; Mazilu, O. Transversal incision of the vagina favors the remaining of the tape in the middle-third urethra compared to longitudinal incision during transobturator sling procedures for stress urinary incontinence. BMC SURGERY. 2015, JUL 17, doi: 10.1186/s12893-015-0071-8

LINK: [https://bmcsurg.biomedcentral.com/articles/10.1186/s12893-015-0071-](https://bmcsurg.biomedcentral.com/articles/10.1186/s12893-015-0071-8)

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The habilitation thesis represents the culmination of the concerns and research direction I have followed since defending my doctoral thesis (2006), an activity that is correlated with a **Hirsch index of 9 on Web of Science**.

My entire research activity has resulted in the development of 50 articles, 42 of which were published in ISI-indexed journals: 12 as the principal author and 15 as a co-author in journals with an impact factor.

As a supervisor of undergraduate theses, I have overseen the development of 24 theses and participated in 4 research projects.

In the last 5 years of activity, I have resolved and reported over 700 cases in the DRG system, focusing on the surgical treatment of oncological and non-oncological pathologies.

This work is structured into three distinct parts. **The first part** is dedicated to presenting the scientific and academic achievements that occurred following the completion of the doctoral thesis. **The second part** consists of multiple studies based on the professional activity carried out throughout my career, while **the third part** addresses the academic and scientific perspectives that align with my vision of continuing to achieve significant results in the medical field, specifically the consolidation of research foundations and international recognition. This vision is directly aligned with the scientific and academic development strategy of the 'Victor Babeș' University of Medicine and Pharmacy in Timișoara.