



Isabela Simona Caizer

Muncă :

E-mail:

Telefon:

Gen: Feminin Data nașterii: Cetățenie:

EXPERIENȚA PROFESIO- NALĂ

[01/10/2021 – În curs]

Asistent Universitar. Disciplina de Abilitati Clinice Practice.

Universitatea de Medicina si Farmacie Victor Babes Timisoara

Localitatea: Timisoara

Țara: România

Activitate didactica si de cercetare

[03/2021 – În curs]

Cadru didactic asociat in regim de plata cu ora. Disciplina de Abilitati Clinice Practice.

Universitate de Medicina si Farmacie 'Victor Babes' Timisoara

Țara: România

Activitate didactica si de cercetare

[10/2020 – În curs]

Contract de Colaborare Prestari Servicii

Clinica Medici's Timisoara

Țara: România

Servicii de Chirurgie Plastica, Estetica si Microchirurgie Reconstructiva

[01/2019 – În curs]

Medic Specialist Chirurgie Plastica, Estetica si Microchirurgie Reconstructiva

Clinica de Chirurgie Plastica Casa Austria, Spitalul Judetean de Urgenta 'Pius Brinzeu' Timisoara

Țara: România

[08/2016 – În curs]

Contract de Colaborare Prestari Servicii

Clinica Brol Timisoara

Țara: România

Servicii de Chirurgie Estetica

EDUCATIE

[01/10/2022 – În curs]

Master Program de formare psihopedagogica Universitatea de Vest Timisoara

[12/2018]

Medic Specialist Chirurgie Plastica, Estetica si Microchirurgie Reconstructiva

Clinica de Chirurgie Plastica Casa Austria, Spitalul Judetean de Urgenta Pius Brinzeu Timisoara

[10/2016 – În curs] **Student Doctorand**

Universitatea de Medicina si Farmacie Victor Babes Timisoara

[01/2014 – 12/2018] **Medic Rezident Chirurgie Plastica, Estetica si Microchirurgie Reconstructiva**

Clinica de Chirurgie Plastica Casa Austria, Spitalul Judetean de Urgenta Pius Brinzeu Timisoara

[2013]

Diploma de Licenta, titlul Doctor- Medic, domeniul Sanatate, specializarea Medicina

Universitatea de Medicina si Farmacie Victor Babes Timisoara

[2003 – 2007]

Diploma de Bacalaureat, profil Teoretic- Real, Matematica si Informatica Avansat

Colegiul National Constantin Diaconovici Loga

EDUCAȚIE ȘI FORMARE PROFESIONALĂ

Level I. Securitate radiologica in domeniul RDG radiodiagnostic, specialitatile rontgendiagnostic, radiologie interventionala, rontgendiagnostic dentar.

AC RAD MEDICAL CONSULT & SERVICE

Adresă: Timisoara , România

Domeniul Radiodiagnostic specialitatea RI

[02/2021]

Robotic Assisted Microsurgery. Webinar

Societatea Romana de Chirurgie Estetica

[11/2020 – 02/2021]

C19SPACE COVID19 Skills Preparation Course

ESICM European Society of Intensive Care Medicine

[11/2020]

Masterclass Facial Rejuvenation Surgery based on MACS Lift. Webinar

Societatea Romana de Chirurgie Estetica

[11/2020]

Beyond Frontiers Microsurgery Symposium. Webinar

The Association of Latin-American Microsurgery and European Federation of Societies for Microsurger

Adresă: România

[11/2020]

2020 Virtual Conference of the European Wound Management Association

EWMA 2020. Tissue Viability Society

Adresă: România

[11/2020]

Anticoagularea La Rasceura. Conferinta Online

Societatea Romana de Anestezie si Terapie Intensiva

Adresă: România

- [10/2020] **CONFESTETIS- Conferinta de Medicina Estetica si Antiaging. Webinar.**
Adresă: Iasi , România
- [11/2019] **Curs Mentor Augmentarea si Reconstructia Mamara**
Adresă: Bucuresti , România
- [10/2019] **Workshop. Reconstructia mamara primara dupa mastectomie profilactica cu ADM si proteza prepectorală**
Adresă: Timisoara , România
Certificat de absolvire
- [10/2019] **Plastic Surgery and Corrective Dermatology Conference**
Adresă: Timisoara , România
Certificat de participare
- [09/2019] **Conferinta Nationala a Societatii Romane de Chirurgie Estetica**
Adresă: Poiana Brasov , România
Certificat de participare
- [06/2019] **WSRM 2019. Editia a XX-a a Congresului Mondial de Microchirurgie Reconstructiva.**
Adresă: Bologna , Italia
Certificat de participare
- [02/2019] **Scoala de Iarna a Societatii Romane de Chirurgie Estetica**
Adresă: Vidraru , România
Cursuri de training in Chirurgia Estetica
- [01/2018 – 12/2018] **Internship. Visiting Plastic Surgery Resident.**
Clinica Zetta
Adresă: Bucuresti , România
- [09/2018] **Basic Practical Microsurgical Course Pius Brinzeu Center**
Univesitatea de Medicina si Farmacie 'Victor Babes' Timisoara
Adresă: Timisoara , România
Basic microsurgical skills
- [10/2017] **EASAPS Congress**
Adresă: Bucuresti, România
- [06/2017] **ISAPS Course**
Adresă: Poiana Brasov , România
- [06/2017] **Scoala de Vara pentru medicii rezidenti in chirurgie plastica. Conferinta Nationala a Societatii Romane de Chirurgie Estetica.**
Adresă: Poiana Brasov , România
Certificat de participare

- [04/2017] **Editia a XI-a a Congresului National al Asociatiei Romane de Chirurgia Mainii. Editia a XII-a a Congresului National al Asociatiei Romane de Microchirurgie Reconstructiva. Conferinta Nationala a Asociatiei Chirurgilor Plasticieni din Romania.**

Adresă: Cluj-Napoca , România
Certificat de participare
- [03/2017] **BreastTM Symposium. Certificat de participare**

Adresă: Timisoara , România
- [03/2017] **Editia a VII-a a Congresului National al Societatii Romane de Coloproctologie. Certificat de participare**

Adresă: Cluj-Napoca , România
- [10/2016] **Simpozion 'Excelenta in tratamentul estetic salveaza ani de frumuseti'. Certificat de participare**

Adresă: Timisoara , România
- [06/2016] **European Association of Societies of Aesthetic Plastic Surgery Meeting**

Adresă: Bucuresti , România
- [06/2016] **Congresul Asociatiei Romane de Chirurgie Estetica Editia a X-a. Certificat de participare**

Adresă: Bucuresti , România
- [06/2016] **ISAPS SYMPOSIUM. Certificat de participare**

Adresă: Bucuresti , România
- [06/2016] **Curs Live Surgery. Certificat de participare**

Adresă: Bucuresti , România
CERVICO FACIAL AESTHETIC SURGERY MACS(MINIMAL ACCES CRANIAL SUSPENSION). LIFT AND FACIAL FAT GRAFTING.
- [06/2016] **Al XIVlea Congres al Asociatiei Romane de Chirurgie Plastica. Certificat de participare**

Adresă: Bucuresti , România
- [03/2016] **'Burns not only leave scars' Conferinta. Certificat de participare**

Adresă: Timisoara , România
Management of the burn patient
- [09/2015] **Workshop Clinical Experience with Enzymatic Debridement of Deep Burns by Nexobrid**

Adresă: Berlin , Germania
Workshop NEXOBRID
- [07/2015] **Workshop Asociatia Romana de Chirurgia Mainii**

Adresă: Cluj-Napoca , România
Next step in transplantation in Romania- Hand Transplant

[04/2015] **Congresul National al Asociatiei Romane de Microchirurgie Reconstructiva Editia a XI-a. Congresul National al Asociatiei Romane de Chirurgia Mainii Editia a X-a.**

Adresă: Cluj- Napoca , România

Participant Workshop *Posibilitati moderne de Osteosinteza pentru oasele mainii. Zimmer Hand&Wrist Solution.*

[05/2014] **Congresul National de Chirurgie Editia XXVII. Certificat de participare**

Adresă: Sinaia , România

[05/2012] **Congresul National de Chirurgie. Certificat de participare**

Adresă: Timisoara , România

[06/2011] **Congresul National de Coloproctologie. Certificat de participare**

Adresă: Timisoara , România

[05/2011] **Basic Life Support Course. Certificat de participare**

Universitate de Medicina si Farmacie 'Victor Babes' Timisoara

Adresă: România

[15/04/2010 – 16/04/2010] **PRIME Course for Students of Medicine, Learning to be a good doctor, University of Brighton**

Adresă: Timisoara , România

COMPETENȚE LINGVIS- TICE

Limbă(i) maternă(e): Română

Altă limbă (Alte limbi):

engleză

COMPREHENSIUNE ORALĂ C1 CITIT C1 SCRIS C1

EXPRIMARE SCRISĂ C1 CONVERSAȚIE C1

franceză

COMPREHENSIUNE ORALĂ B1 CITIT B1 SCRIS B1

EXPRIMARE SCRISĂ B1 CONVERSAȚIE B1

COMPETENȚE DIGITALE

Atestat de Competente Profesionale Nivel Mediu de Programare | Atestat de Competene Profesionale - Operare pe Calculator

PUBLICAȚII

[2023] **Cobalt Doped Fe₃O₄ Nanoparticles for Magnetic Hyperthermia Application**

Isabela Simona Caizer, Costica Caizer

AIP CONFERENCE PROCEEDINGS, TIM 20-21 Physics Conference, (2023) 010001 (pp. 1-8) (**accepted, in press**) (AIP – American Institut of Physics, AIP Publishing, <https://pubs.aip.org/aip/acp/issue/2218/1>). Section: Applied Physics and Interdisciplinarity (API). Indexată: Web of Science;

[2023]

High Efficacy on the Death of Breast Cancer Cells Using SPMHT with Magnetite Cyclodextrins Nanobioconjugates

Referință: Pharmaceutics

Costica Caizer¹, **Isabela Simona Caizer-Gaitan**^{1,2,3}, Claudia Geanina Watz^{4,5}, Cristina Adriana Dehelean^{5,6}, Tiberiu Bratu², Codruța Soica^{5,7}

¹Department of Physics, Faculty of Physics, West University of Timisoara, 300223 Timisoara, Romania

²Department of Plastic and Reconstructive Surgery, Faculty of Medicine, "Victor Babes" University of Medicine and Pharmacy of Timisoara, 300041 Timisoara, Romania

³Department of Clinical Practical Skills, Faculty of Medicine, "Victor Babes" University of Medicine and Pharmacy of Timisoara, 300041 Timisoara, Romania

⁴Department of Pharmaceutical Physics, Faculty of Pharmacy, "Victor Babes" University of Medicine and Pharmacy of Timisoara, 300041 Timisoara, Romania

⁵Research Centre for Pharmaco-Toxicological Evaluation, "Victor Babes" University of Medicine and Pharmacy of Timisoara, 300041 Timisoara, Romania

⁶Department of Toxicology and Drug Industry, Faculty of Pharmacy, "Victor Babes" University of Medicine and Pharmacy Timisoara, 300041 Timisoara, Romania

⁷Department of Pharmaceutical Chemistry, Faculty of Pharmacy, "Victor Babes" University of Medicine and Pharmacy of Timisoara, 300041 Timisoara, Romania

Link: <https://doi.org/10.3390/pharmaceutics15041145>

[2022]

Superparamagnetic Hyperthermia Study with Cobalt Ferrite Nanoparticles Covered with γ -Cyclodextrins by Computer Simulation for Application in Alternative Cancer Therapy

Referință: International Journal of Molecular Sciences

Isabela Simona Caizer^{1,2,3}, Costica Caizer³

¹Department of Plastic and Reconstructive Surgery, Faculty of Medicine, "Victor Babes" University of Medicine and Pharmacy of Timisoara, 300041 Timisoara, Romania

²Department of Clinical Practical Skills, Faculty of Medicine, "Victor Babes" University of Medicine and Pharmacy of Timisoara, 300041 Timisoara, Romania

³Department of Physics, Faculty of Physics, West University of Timisoara, 300223 Timisoara, Romania

Link: <https://www.mdpi.com/1422-0067/23/8/4350>

[2022]

Fe₃O₄-PAA-(HP- γ -CDs) Biocompatible Ferrimagnetic Nanoparticles for Increasing the Efficacy in Superparamagnetic Hyperthermia

Referință: Nanomaterials

Costica Caizer¹, **Isabela Simona Caizer**^{1,2,3}, Roxana Racoviceanu^{4,5}, Claudia Geanina Watz^{5,6}, Marius Mioc⁴, Cristina Adriana Dehelean^{4,5}, Tiberiu Bratu², Codruța Soica^{4,5}

¹Department of Physics, Faculty of Physics, West University of Timisoara, 300223 Timisoara, Romania

²Department of Plastic and Reconstructive Surgery, Faculty of Medicine, "Victor Babes" University of Medicine and Pharmacy of Timisoara, 300041 Timisoara, Romania

³Department of Clinical Practical Skills, Faculty of Medicine, "Victor Babes" University of Medicine and Pharmacy of Timisoara, 300041 Timisoara, Romania

⁴Department of Pharmaceutical Chemistry, Faculty of Pharmacy, "Victor Babes" University of Medicine and Pharmacy of Timisoara, 300041 Timisoara, Romania

⁵Research Centre for Pharmaco-Toxicological Evaluation, "Victor Babes" University of Medicine and Pharmacy of Timisoara, 300041 Timisoara, Romania

⁶Department of Pharmaceutical Physics, Faculty of Pharmacy, "Victor Babes" University of Medicine and Pharmacy of Timisoara, 300041 Timisoara, Romania

Link: <https://doi.org/10.3390/nano12152577>

[2021]

Study on Maximum Specific Loss Power in Fe₃O₄ Nanoparticles Decorated with Biocompatible Gamma-Cyclodextrins for Cancer Therapy with Superparamagnetic Hyperthermia

Referință: International Journal of Molecular Sciences

Costica Caizer¹, **Isabela Simona Caizer**^{1,2,3}

¹Department of Physics, Faculty of Physics, West University of Timișoara, 300223 Timișoara, Romania

²Department of Plastic and Reconstructive Surgery, Faculty of Medicine, "Victor Babes" University of Medicine and Pharmacy of Timișoara, 300041 Timișoara, Romania

³Department of Clinical Practical Skills, Faculty of Medicine, "Victor Babes" University of Medicine and Pharmacy of Timișoara, 300041 Timișoara, Romania

Link: <https://www.mdpi.com/1422-0067/22/18/10071>

[2020]

Magnetic nanoparticle nanoformulations for alternative therapy of cancer by magnetic/superparamagnetic hyperthermia

Referință: Chapter in Nanoformulations in Human Health: Challenges and Approaches. Edit. Springer 2020.

Costică Caizer, Cristina Dehelean, Dorina Elena Coricovac, **Isabela Simona Caizer**, Codruta Șoica

Link: https://link.springer.com/chapter/10.1007/978-3-030-41858-8_22

[2018]

Microsurgical reconstruction in giant Marjolin's ulcer of the popliteal region

Referință: Archive of Clinical Cases

Isabela S Caizer^{1,2}, Vlad A Bloancă^{1,2}, Tiberiu Bratu^{1,2}, Zorin Crăiniceanu^{1,2}

¹Department of Plastic and Reconstructive Surgery, Faculty of Medicine, "Victor Babes" University of Medicine and Pharmacy of Timisoara

²Department of Plastic and Reconstructive Surgery, Pius Brinzeu Emergency County Hospital of Timisoara

Conferences

LUCRARI PREZENTATE LA CONFERINTE

1. Costica Caizer, **Isabela Simona Caizer**, Roxana Racoviceanu, Claudia Geanina Watz, Mioc Marius, Cristina Adriana Dehelean, Tiberiu Bratu, Codruta Marinela Soica, 3NANO-22 Nano Science/Technology/Biotechnology International Conference, 20-23 Sept., Roma, 2022.
2. C. Caizer, **I.S. Caizer**, C. Soica, R. Racoviceanu, M. Mihoc, The (Co-Fe)f ferrite biocompatible magnetic nanoparticles for increasing efficacy and reducing toxicity in superparamagnetic hyperthermia for alternative cancer therapy, 13th International Conference on Physics of Advanced Materials (ICPAM-13), September 24-30, 2021, Sant Feliu de Guixols, Spain. Abstract Book: pp. 47-49.
3. R. Racoviceanu, M. Mioc, C. Soica, C. Caizer and **I.S. Caizer**, Cobalt doped Fe₃O₄ nanoparticles – synthesis, characterization and magnetic hyperthermia application, TIM 20-21 Physics Conference, November 11th-13th, 2021, Timisoara, Romania. Abstract Book: API-O12.
4. **Isabela S.Caizer**, Vlad A.Bloanca, Georgeana Prilipceanu, Alexandru Pesecan, Tiberiu Bratu, Zorin Crainiceanu, Toe-to-hand transfer combined with free flap for two-stage reconstruction of the complex trauma hand, 11thBAPRAS Congress, 9-11 May 2019, Cluj-Napoca, Romania.
5. **Isabela S.Caizer**, Vlad A.Bloanca, Romeo Muntean, Cristi Tarta, Zorin Crainiceanu, Vaginal reconstruction with modified pudendal thigh flap after anal cancer surgery, ROAPS,SRCE,MBC Conference, 16-19 May 2018, Bucharest, Romania.
6. C. Caizer, C. Soica, C. Dehelean, A. Radu, **I.S. Caizer**, Study on toxicity of the superparamagnetic nanoparticles on the cells in order to use them in cancer therapy, The 8th International Conference on Fine Particle Magnetism, June 24-27, 2013, Perpignan, France. Contribution: p. 130.

COURSES

Courses

CURSURI DE SPECIALIZARE

- Nov 20-Feb 21 **C19 SPACE COVID19** Skills Preparation Course. European Society of Intensive Care Medicine. Online Course.
- 29/30 Nov 2019 **Breast Augmentation & Reconstruction Symposium**. Mentor Course. Bucharest, Romania.
- 17 Oct 2019 **Primary Breast Reconstruction after Prophylactic Mastectomy with ADAM and Prepectoral Prosthesis**. Timisoara, Romania.
- 10/11 Sept 2018 **Basic Micorsurgical Course** Pius Brinzeu Center, University Medicine and Pharmacy Timisoara, Romania.
- 10 June 2016 **Cervico-Facial Aesthetic Surgery- MACS. Lift & Facial Fat Grafting**. Pullman Hotel Bucharest, Romania.
- 7/9 Sept 2015 Workshop **Clinical Experience with Enzymatic Debridement of Deep Burns by NexoBrid**. Berlin, Germany.
- 22 July 2015 Next step in Romanian Transplant- **Hand transplant**. Cluj, Romania.
- 2/4Apr 2015 Participant Workshop **Modern Possibilities of Osteosynthesis for Hand Bones Zimmer Hand & Wrist Solutions**

3/8 May 2011 **Basic Life Support** Course. Timisoara, Romania.

15/16 April 2010 **PRIME Course** for Students of Medicine. Learning to be a Good Doctor.
University of Brighton. Timisoara, Romania.

PROIECTE

[2020 – 2022] **Membru echipa de proiect**

PN-III-P2-2.1-PED-2019-3067, Nanobiostructuri inovative cu nanoparticule ferimagnetice conjugate cu ciclodextrine pentru a crește eficacitatea și a reduce toxicitatea în terapia cancerului prin hipertermie SP-magnetică.

REȚELE ȘI AFILIERI

Memberships

Asociatia Chirurgilor Plasticieni din Romania 2017

- **European Society Of Plastic Reconstructive and Aesthetic Surgery**
- **European Board Of Plastic and Reconstructive Surgery**
- **European Burn Association**
- **International Plastic Reconstructive and Aesthetic Society**

Societatea Romana de Chirurgie Estetica 2016

Colegiul Medicilor Romania 2016

DISTINCȚII ONORIFICE ȘI PREMII

[2019] **Honours and awards**

Zetta Gala

Entry Prize for remarkable results in the professional activity

COMPETENȚE ORGANI- ZATORICE

Competente soft

- Managementul timpului si a prioritatilor
- Capacitate de analiza
- Lucrul in echipa
- Rezolvarea problemelor
- Invatare continua

COMPETENȚE DE CO- MUNICARE ȘI INTER- PERSONALE

Communication and interpersonal skills

- Comunicare eficienta

VOLUNTARIAT

[01/2019 – În curs]

Contract de Voluntariat Medic Specialist Chirurgie Plastica

Clinica de Chirurgie Plastica Casa Austria, Spitalul Judetean de Urgenta 'Pius Brinzeu'
Timisoara

[03/2019 – 09/2019]

Contract de Voluntariat Medic Chirurgie Plastica Spitalul Premiere Timisoara

JOB-RELATED SKILLS

Job-related skills

- Munca in echipa
- Multitasking