



Isabela Caizer-Găitan

Nationality: Romanian **Date of birth:** 05/08/1988 **Gender:** Female

Phone number: (+40) 256204400 **Email address:** isabela.caizer@umft.ro

Work: Eftimie Murgu 2, Timisoara (Romania)

WORK EXPERIENCE

University Assistant Discipline of Clinical Practical Skills

Victor Babes University of Medicine and Pharmacy Timisoara [01/10/2021 – Current]

City: Timisoara

Country: Romania

Associate teacher Discipline of Clinical Practical Skills

Victor Babes University of Medicine and Pharmacy [03/2021 – Current]

City: Timisoara

Country: Romania

MD Plastic Surgery, Aesthetics and Reconstructive Microsurgery

Casa Austria Plastic Surgery Clinic, 'Pius Brinzeu' County Emergency Hospital Timisoara [01/2019 – Current]

City: Timisoara

Country: Romania

Plastic Surgery Residency

[2014 – 2018]

EDUCATION

PhD Degree in Medicine

[2023]

Summa cum laude

Alternative, non-invasive and non-toxic therapy of breast cancer by superparamagnetic hyperthermia with biocompatible spion-gamma-cyclodextrin nanoparticles

Teacher Training Department

[2022 – 2023]

Psychoeducation Degree Level I and II

Phd student in research grant. PN-III-P2-2.1-PED-2019-3067.

[2021 – 2022]

PhD student Victor Babes University of Medicine and Pharmacy Timisoara

[10/2016 – 2023]

Bachelor and Master Studies. Doctor-Physician degree. Health. Medicine

[2013]

Victor Babes University of Medicine and Pharmacy Timisoara

PUBLICATIONS

Cobalt Doped Fe₃O₄ Nanoparticles for Magnetic Hyperthermia Application

[2023]

Isabela Simona Caizer, Costica Caizer

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

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

[2023]

Pharmaceutics

Costica Caizer , **Isabela Simona Caizer-Gaitan** , Claudia Geanina Watz , Cristina Adriana Dehelean , Tiberiu Bratu , Codruța Soica

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

[2022]

International Journal of Molecular Sciences

Isabela Simona Caizer , Costica Caizer

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

[2022]

Nanomaterials

Costica Caizer , **Isabela Simona Caizer** , Roxana Racoviceanu , Claudia Geanina Watz , Marius Mioc , Cristina Adriana Dehelean , Tiberiu Bratu , Codruța Soica

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

[2021]

Caizer C, **Caizer IS**. Int J Mol Sci. 2021;22(18):10071. Published 2021 Sep 17. doi:10.3390/ijms221810071

Magnetic nanoparticles nanoformulations for alternative therapy of cancer by magnetic/superparamagnetic hyperthermia. Capitol in Nanoformulations in Human Health: Challenges and Approaches. Editori: Sushama Talegaonkar and Mahendra Rai

Editura Springer 2020

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

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

[2018]

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

CONFERENCES AND SEMINARS

Conferences

1. **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*, **1thBAPRAS Congress**, 9-11 May 2019, Cluj-Napoca, Romania.
2. **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.
3. 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

- 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.

NETWORKS AND MEMBERSHIPS

Memberships

Romanian Plastic Surgeons Association 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**

Romanian Society of Aesthetic Surgery 2016

Romanian College of Physicians 2016

LANGUAGE SKILLS

Mother tongue(s): **Romanian**

Other language(s):

English

LISTENING C1 READING C1 WRITING C1

SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

French

LISTENING B1 READING B1 WRITING B1

SPOKEN PRODUCTION B1 SPOKEN INTERACTION B1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

certificate of professional skills, intermediate level of programming / Certificate of professional skills - informatics

ORGANISATIONAL SKILLS

Soft skills

1. Time and priority management
 2. Ability to analyze
 3. Team work
 4. Problem solving
 5. Continuous learning
-