



Curriculum Vitae

Personal Information

Name / Surname: Antal Aureliana-Gabriela

E-mail: gabriela.antal@umft.ro//

Marital Status: -

Nationality: Romanian

Date of Birth: -

Gender: Female

Job Target: University Assistant, PhD student

Occupational Field: Medical Education / Anesthesiology and Intensive Care

Work Experience

10.2023 – Present

University Assistant, Victor Babeş University of Medicine and Pharmacy, Faculty of Pharmacy, 2 Eftimie Murgu Square, Timișoara, 300041, Romania"

Practical teaching – Human Anatomy, 1st Year Pharmacy, Romanian section

- Practical teaching – Human Anatomy, 1st Year Medical Cosmetics
- Practical teaching – Physiology-Pathophysiology, 1st and 2nd Year Pharmacy, Romanian section
- Practical teaching – Physiology-Pathophysiology, 1st Year Medical Cosmetics
- Practical teaching – Cosmetic Maintenance Products and Procedures, 3rd Year Medical Cosmetics
- Practical teaching – Anti-aging Care Techniques, 3rd Year Medical Cosmetics
- Practical works – Cosmetic Product Microbiology – Medical Cosmetics, Year II

Type of activity or sector of activity -Higher Education and Research

06.06.2021 – Present

Specialist Doctor in Anesthesia and Intensive Care (on-call contract)

- Municipal Clinical Emergency Hospital, Timișoara
- Military Hospital "Victor Popescu", Timișoara

15.02.2021 – 06.06.2022

Specialist Doctor in Anesthesia and Intensive Care – Military Hospital "Victor Popescu", Timișoara

01.01.2016 – 14.01.2021

Resident Doctor in Anesthesia and Intensive Care – County Clinical Emergency Hospital "Pius Brînzeu", Timișoara

01.01.2015 – 01.01.2016

Resident Doctor in Hematology – Municipal Clinical Hospital, Timișoara

02.03.2009 – 08.12.2014

General Nurse – Dr. Miculescu Medical Office, Timișoara

Education and Training

2024 – Present

- **Psychopedagogical Training Module**, West University of Timișoara
- **PhD Student**, Doctoral School of Medicine – Pharmacy, "Victor Babeș" University of Medicine and Pharmacy, Timișoara, **Field**: Pharmacy
 - **Thesis title**: *Synthesis and Antiproliferative Biological Evaluation of Semisynthetic Derivatives with Ursane and Oleanane Structure*
 - **Supervisor**: Prof. Dr. Alexandra Teodora Mioc

2016 – 2021

Resident Doctor in Anesthesia and Intensive Care – County Emergency Clinical Hospital "Pius Brînzeu", Timișoara

2015 – 2016

Resident Doctor in Hematology – Municipal Clinical Hospital, Timișoara

2008 – 2014

University of Medicine and Pharmacy "Victor Babeș", Timișoara – Faculty of Medicine (MD Degree)

2005 – 2008

Ana Aslan National College, Timișoara – General Nurse

2001 – 2005

"Sever Bocu" High School, Lipova, Arad City

Degrees / Certifications

- Psychopedagogical Certification – Levels I and II
- ECDL Certificate
- Specialist Doctor Certificate in Anesthesia and Intensive Care
- Medical Doctor Diploma
- Professional Competency Certificate – General Nurse
- High School Diploma (Baccalaureate)

Main Areas of Study

- General Anesthesia
- Multidisciplinary Intensive Care (medical and surgical)
- Medical practice by modules and clinical rotations
- Theoretical and practical medical education – clinical and diagnostic skills

Personal Skills and Competences

Native language: Romanian

Foreign Languages:

English: B2 level

French: A1/A2 level

Italian: A1 level

Social Skills and Competences

- Teamwork
- Effective communication
- Adaptability to multicultural/diverse environments

Organizational Skills and Competences

- Team leadership and coordination
- Initiative and problem-solving
- Maintaining high professional standards
- Responsibility and goal orientation

Computer Skills Proficient in Microsoft Office (Word, Excel, PowerPoint)

Additional Information – Courses, Conferences, Publications

- **September 2016** – Certificate of participation, National Course on Guidelines and Protocols in Anesthesia, Intensive Care, and Emergency Medicine, Timișoara.
- **October 2019** – Certificate of participation, SRATI Congress, Timișoara.
- **September 2020** – Certificate of participation, International Course on Guidelines and Protocols in Anesthesia, Intensive Care, and Emergency Medicine, Timișoara.
- **November 2020** – 46th SRATI Congress 2020.
- **November 2021** – January 2022 – National Course on Guidelines and Protocols in Anesthesia, Intensive Care, and Emergency Medicine, Timișoara.
- **May 2022** – 48th SRATI Congress 2022, Sinaia.
- **November 2022** – Certificate of participation, Online First Aid Training, Victor Babeș University of Medicine and Pharmacy Timișoara, within the project Medical Infrastructure for the Development of Excellence Surgical Services in the Cross-Border Area RORS-467 (18.11.2022).
- **September 2023** – National Conference on Guidelines and Protocols in Anesthesia, Intensive Care, and Emergency Medicine, Timișoara.
- **December 2023** – Certificate of Participation, Hands-on Workshop: 3D Epidermal Model Workshop – Skin Irritation Test according to OECD TG, organized by MatTek and the Doctoral School, Victor Babeș University of Medicine and Pharmacy, Timișoara.
- **2024** – Co-author of the university textbook Special Microbiology, Virology, Parasitology, Mycology, Victor Babeș Publishing House, Timișoara.
- **September 2024** – Certificate of participation, Conference on Guidelines and Protocols in Anesthesia, Intensive Care, and Emergency Medicine.
October 2024 – Poster: **Antal G.**, Milan A., Maksimovic T., Mioc M., Șoica C., Mioc A. The in vitro characterization of *Syzygium aromaticum* L. essential oil cytotoxic effect on colorectal adenocarcinoma and malignant melanoma cells. National Congress of the Romanian Society of Pathophysiology with International Participation, Timișoara, Romania, 2–5 October 2024. ISBN 978-606-786-417-5.
- **October 2024** – Certificate of participation, National Congress of the Romanian Society of Pathophysiology, “Tradition in education and collaboration in interdisciplinary research”, Timișoara, Romania.
- **October 2024** – Certificate of participation, Hemostasis and Thrombosis – The Complex Involvement of Platelets in Pathology – Online.
- **July 2025** – Certificate of completion, COPD – Prevention, Diagnosis, and Therapeutic Management, educațiemedicală.ro, event code B nr. 91 (26.07.2025).
- **September 2025** – Certificate of completion, Heart Failure, educațiemedicală.ro, event code B nr. 658 (13.09.2025).
- **September 2025** – Certificate of participation, Conference on Guidelines and Protocols in Anesthesia, Intensive Care, and Emergency Medicine, 23rd Edition, 25–27 September 2025, Timișoara, Onsite.

- **September 2025** – Certificate of completion, Asthma – A Continuous Challenge, educațiemedicală.ro, event code B nr. 23 (28.09.2025).
- **October 24–25 2025** Certificate of participation – First Edition of the CosMedical National Conference, Timișoara,

First author – Oral Presentation

Antal G., Čoban M., Mioc M., Șoica C., Mioc A. Syzygium Aromaticum L. Essential Oil: In Vitro and In Silico Assessment of Its Cytotoxic Potential Against Cancer Cells. International Conference on Interdisciplinary Approaches and Emerging Trends in Pharmaceutical Doctoral Research, “Pius Brînzeu” Center, Timișoara, Romania, 7–9 July 2025.

Co-author – Posters

1. In vitro and in silico analysis of Syzygium aromaticum essential oil: cytotoxicity and impact on mitochondrial function in cancer cells
Mihaela Čoban, Andreea Milan, **Gabriela Antal**, Codruța Șoica, Alexandra Mioc, Marius Mioc
6th International Conference on Natural Products Utilisation: From Plants to Pharmacy Shelf (ICNPU-2025), 27–30 May 2025, Bansko, Bulgaria.
2. In vitro evaluation of the cytotoxic effects of Syzygium aromaticum L. essential oil on colorectal adenocarcinoma and malignant melanoma cells
Mihaela Čoban, Andreea Milan, **Gabriela Antal**, Codruța Șoica, Ramona Pârvănescu, Marius Mioc
VII Symposium of Young Researchers on Pharmaceutical Technology, Biotechnology and Regulatory Science, 29–31 January 2025, Szeged, Hungary.
3. In vitro evaluation of Origanum vulgare L. essential oil effect on human cancer cells
Mardale G., **Antal G.**, Maksimovic T., Gruin S., Mioc A., Mioc M., Șoica C.
National Congress of the Romanian Society of Pathophysiology with International Participation, Timișoara, Romania, 2–5 October 2024. ISBN 978-606-786-417-5.

Articles and Reviews – Co-author

1. Maksimović, T.; Gădău, C.; **Antal, G.**; Čoban, M.; Eșanu, O.; Atyim, E.; Mioc, A.; Șoica, C.
Polyphenol-Based Therapeutic Strategies for Mitochondrial Dysfunction in Aging. Biomolecules 2025, 15, 1116. <https://doi.org/10.3390/biom15081116>
2. Rotunjanu, S.; Gogulescu, A.; Marangoci, N. L.; Dascălu, A-I.; Mioc, M.; Racoviceanu, R.; Mioc, A.; Maksimović, T.; Eșanu, O.; **Antal, G.**; et al. Synthesis, Characterization, and In Vitro Cytotoxic Evaluation of Neodymium-Doped Cobalt Ferrite Nanoparticles on Human Cancer Cell Lines. Materials 2025, 18, 3911. <https://doi.org/10.3390/ma18163911>

Hobbies

Drawing, Sports, Music

Driver's License

Category B

References -Available upon request.

Membership

Member of the Romanian College of Physicians

Member of the Romanian Society of Anaesthesia and Intensive Care

Timișoara.
27.11.2025

Teaching Assistant,
PhD Student Aureliana- Gabriela Antal