

CURRICULUM VITAE

PERSONAL INFORMATION

- **Name: GHENEA(GĂMAN) Ș. ALICE ELENA**
- **Date and place of birth:** 19 February 1984, Craiova, România
- **E-mail address:** gaman_alice@yahoo.com

PROFESSIONAL ACTIVITY

2025 - present Professor - Department of Bacteriology-Virology-Parasitology, Faculty of Medicine, University of Medicine and Pharmacy of Craiova

2023 - present Habilitation - University of Medicine and Pharmacy of Craiova

2022 - 2025 Associate Professor - Department of Bacteriology-Virology-Parasitology, Faculty of Medicine, University of Medicine and Pharmacy of Craiova

2020 - 2022 Lecturer - Department of Bacteriology-Virology-Parasitology, Faculty of Medicine, University of Medicine and Pharmacy of Craiova

2015 - 2020 Assistant Professor - Department of Bacteriology-Virology-Parasitology, Faculty of Medicine, University of Medicine and Pharmacy of Craiova

2020 - present Primary Care Physician in Laboratory Medicine

2015 - 2020 Specialist physician in Laboratory Medicine

2010 - 2015 Resident doctor in Laboratory Medicine - Emergency County Hospital of Craiova, Department of Laboratory Medicine

2009 - 2013 PhD in medical sciences - (MEN no. 377/15.07.2014)

2003 - 2009 Medical doctor / general medicine - Faculty of Medicine, University of Medicine and Pharmacy of Craiova

COURSES AND DIPLOMAS

2019 - 2020 Teaching Staff Training Module, Postgraduate - Psychopedagogical Training Program, Level I - (Certificate series Ae no. 0010756)

2015 - 2016 Health Services Management (MA no. 0033506)

2014 Gram Negative Bacteria Involved in Human Infections

2013 Infectious agents involved in couple infertility

MEMBERSHIP IN PROFESSIONAL SOCIETIES and study groups

- European Society of Clinical Microbiology and Infectious Diseases. (ESCMID)
- European Study Group of Staphylococcus (ESGS)
- European Study Group of implant associated infections (ESGIAI)
- The Romanian Immunology Society
- The Romanian Society of Laboratory Medicine
- American Society for Microbiology (ASM)

RESEARCH GRANTS

GRANT DIRECTOR

2021 Incidence of beta-lactamase-producing Escherichia coli and Klebsiella strains and prediction of antibiotic resistance profiles using artificial intelligence algorithms - Contract no. 26/36/2021-07-13

GRANT OVERSEER

2020 The development of technologies and systems for effective local and remote diagnosis of SARS-CoV-2 virus infection - (T9)-UEFISCDI 1264/21.04.2020

2020 Decontamination devices against the SARS-CoV-2 virus (UV, microwaves, X-rays, bio-chemicals, nanoparticles, others) - (T6)-UEFISCDI 21.04.2020

GRANT MEMBER

2024 „Rolul vitaminei C in lupta impotriva tuberculozei (Vitamina C)”, -Nr. 26/725/7/25.07.2024

„ Creșterea preciziei diagnosticului etiologic în keratitele bacteriene utilizând tehnologii genetice (GENBACT) ”, înregistrat cu nr. 298/701/10/01.07.2024

2023 Pulmonary Tuberculosis and COVID-19: different diseases, same challenges- Contract no. 26/504/1 din 04.05.2023”

2021 Evaluation of the neuroendocrine effects of stress on a school population during the Covid-19 pandemic - Contract no. 26/8C/23.06.2021

2020 Advanced Community Outbreak Management Techniques - (T7)-UEFISCDI -21.04.2020

AWARDS

- Second Prize - poster – “Prophylactic effects of mesalamine in diverticular disease. Hypotheses and facts” - Falk Symposium 178, Cologne, Germany, page 13, 2011, ISBN: 978-3-8055-9874-3.
- The prize in the competition PN-III-P1-1.1-PRECISI-2021- 61719(539) for the paper “Prevalence and Antimicrobial Resistance of Klebsiella Strains Isolated from a County Hospital in Romania” (Antibiotics-Basel).

Activity in academic Journals

- Guest editor: Frontiers in endocrinology, Symmetry
- Reviewer for the ISI indexed journals: Antibiotics, Molecules, Microorganisms, Healthcare, Biology

MEDICAL DUTIES

- Guiding the appropriate use of laboratory tests
- Laboratory management
- Laboratory processes - Internal organization
- Laboratory safety
- Sampling and treatment of specimens
- Data security, Electronic Data Processing (EDP)
- Validation, evaluation and verification of laboratory procedures
- Legal environment, national and European legislation
- Scientific research and scientific co-operation with hospitals and physicians

academic DUTIES

- Continuous research in the field of Microbiology
- Writing of articles and dissemination of results
- Active involvement of students and resident doctors in research
- Participation in residency exams, admission, license, admission simulation as head of room or supervisor
- Secretary in the specialized commissions for the awarding of the title of specialist doctor, principal, specialist biologists, chemists and biochemists and principals in the specialty of Laboratory Medicine/ Microbiology
- Review of articles from ISI journals (Antibiotics, Microorganism, Molecules, Healthcare)

- Postuniversity course coordinator (Involvement of non-fermentative gram-negative bacilli strains in nosocomial infections)

Academic records

- Monographs and book chapters edited in national CNCSIS recognised publishing houses: 1
- Courses: 4
- ISI WEB OF SCIENCE full text articles: 27
- ISI Sum of times cited: 482
- Hirsch index: 12
- FICAP: 39,88

LIST OF REPRESENTATIVE PAPERS

1. **Alice Elena Ghenea**, Ovidiu Mircea Zlatian, Oana Mariana Cristea, Anca Ungureanu, Radu Razvan Mititelu, Andrei Theodor Balasoiu, Corina Maria Vasile, Alex-loan Salan, Daniel Iliuta, Mihaela Popescu, Anca-Loredana Udristoiu, Maria Balasoiu - TEM, CTX-M, SHV Genes in ESBL-Producing Escherichia coli and Klebsiella pneumoniae Isolated from Clinical Samples in a County Clinical Emergency Hospital Romania- Predominance of CTX-M-15- Antibiotics 2022, 11, 503. DOI:10.3390/antibiotics11040503 IF= 4.639, <https://www.mdpi.com/2079-6382/11/4/503>;
2. **Alice Elena Ghenea**, Ramona Cioboată, Andrei Ioan Drocaș, Eugen Nicolae Țieranu, Corina Vasile, Aritina Moroșanu, Cristian George Țieranu, Alex-loan Salan, Mihaela Popescu, Maria Adriana Turculeanu, Vlad Padureanu, Anca-Loredana Udristoiu, Daniela Calina, Dan Cârțu and Ovidiu Mircea Zlatian- Prevalence and Antimicrobial Resistance of Klebsiella Strains Isolated from a County Hospital in Romania - Antibiotics 2021, 10, 868. DOI: 10.3390/antibiotics10070868 IF= 4.639, <https://www.mdpi.com/2079-6382/10/7/868>;
3. Ramona Cioboată, **Alice Găman**, Diana Trașcă, Anca Ungureanu, Anca Oana Docea, Paul Tomescu, Florin Gherghina, Andreea Letitia Arsene, Corin Badiu, Aristides M. Tsatsakis, Demetrios A. Spandidos, Nikolaos Drakoulis and Daniela Călina - Pharmacological management of non-alcoholic fatty liver disease: Atorvastatin versus pentoxifylline - Experimental and Therapeutic Medicine 2017 13: 2375-2381, DOI: 10.3892/etm.2017.4256 IF= 1.410, <https://www.spandidos-publications.com/10.3892/etm.2017.4256>;
4. Anca Ungureanu, Ovidiu Zlatian, George Mitroi, Andrei Drocaș, Tiberiu Țîrcă, Daniela Călina, Cristina Dehelean, Anca Oana Docea, Noris. Izotov, Valerii N. Rakitskii, Ramona Cioboată, Demetrios A. Spandidos, Aristides M. Tsatsakis and **Alice Găman** - Staphylococcus aureus colonisation in patients from a primary regional hospital - MOLECULAR MEDICINE REPORTS 2017, 16: 8771-8780, DOI: 10.3892/mmr.2017.7746 IF= 1.922, <https://www.spandidos-publications.com/10.3892/mmr.2017.7746>;
5. Vasile, C.M.; Udristoiu, A.L.; **Ghenea, A.E.**; Popescu, M.; Gheonea, C.; Niculescu, C.E.; Ungureanu, A.M.; Udristoiu, Ș.; Drocaș, A.I.; Gruionu, L.G.; Gruionu, G.; Iacob, A.V.; Alexandru, D.O. Intelligent Diagnosis of Thyroid Ultrasound Imaging Using an Ensemble of Deep Learning Methods. Medicina 2021, 57, 395. DOI: 10.3390/medicina57040395 IF= 2.430, <https://www.mdpi.com/1648-9144/57/4/395>;
6. **Alice Elena Ghenea**, Anca Marilena Ungureanu, Adriana Turculeanu, Mihaela Popescu, Mara Carsote, Maria Loredana Tieranu, Eugen Nicolae Tieranu, Corina Maria Vasile, Ramona Cioboata, Anca Loredana Udristoiu, Dragos Ovidiu Alexandru, Alex Ioan Salan, Andrei Ioan Drocas-Predictors of early and sustained virological response of viral hepatitis C - Rom J Morphol Embryol 2020, 61(4):1185-1192 ISSN (print) 1220-0522, ISSN (online) 2066-8279 DOI: 10.47162/RJME.61.4.20 IF= 1.033, <https://rjme.ro/archive/61/4/20/>;
7. Anca Loredana Udristoiu, **Alice Elena Ghenea**, Ștefan Udristoiu, Manuela Neaga, Ovidiu Mircea Zlatian, Corina Maria Vasile, Mihaela Popescu, Eugen Nicolae Țieranu, Alex-loan Salan, Adina Andreea Turcu, Dragos Nicolosu, Daniela Calina, Ramona Cioboata - COVID-19 and Artificial Intelligence: An Approach to Forecast the Severity of Diagnosis, Life 2021, 11, 1281, DOI: 10.3390/life11111281 IF= 3.817, <https://www.mdpi.com/2075-1729/11/11/1281>;
8. Mihaela Popescu, Adina Ghemigian, Corina Maria Vasile, Andrei Costache, Mara Carsote and **Alice Elena Ghenea**, The New Entity of Subacute Thyroiditis and the COVID-19 Pandemic: From Infection to

Vaccine, Diagnostics 2022, 12, 960. DOI: 10.3390/diagnostics12040960 IF= 3.706, <https://www.mdpi.com/2075-4418/12/4/960>;

9. Pădureanu V, Florescu DN, Pădureanu R, **Ghenea AE**, Gheonea DI, Oancea CN. Role of antioxidants and oxidative stress in the evolution of acute pancreatitis (Review). *Exp Ther Med.* 2022 Mar;23(3):197. DOI: 10.3892/etm.2022.11120. IF= 2.447, <https://www.spandidos-publications.com/10.3892/etm.2022.11120>;

10. **Ghenea AE**, Pădureanu V, Cioboată R, Udriștoiu A-L, Drocaș AI, Țieranu E, Carsote M, Vasile CM, Moroșanu A, Biciușcă V, Salan A-I, Turculeanu A, Ungureanu A. The Study of Clinical and Biochemical Parameters in Assessing the Response to the Antiviral Therapy in the Chronic Viral Hepatitis B. *Medicina.* 2021; 57(8):757. DOI: 10.3390/medicina57080757. IF= 2.43, <https://www.mdpi.com/1648-9144/57/8/757>.

11. Balasoiu Andrei Theodor, Zlatian Ovidiu Mircea, **Ghenea Alice Elena**, Davidescu Livia, Lungu Alina, Golli Andreea Loredana, Udriștoiu Anca Loredana, Balasoiu Maria - A Rare Case of Endophthalmitis with *Rhizobium radiobacter*, Soon after a Resolved Keratitis: Case Report. *Antibiotics (Basel).* 2022 Jul 6;11(7):905. doi: 10.3390/antibiotics11070905. PMID: 35884159; PMCID: PMC9311636. **IF=5.22- autor principal**

12. Bucataru A, Turcu-Stiolica A, Calina D, Balasoiu AT, Zlatian OM, Osman A, Balasoiu M, **Ghenea Alice Elena**. Systematic Review and Meta-Analysis of Clinical Efficacy and Safety of Meropenem-Vaborbactam versus Best-Available Therapy in Patients with Carbapenem-Resistant Enterobacteriaceae Infections. *Int J Mol Sci.* 2024 Sep 4;25(17):9574. doi: 10.3390/ijms25179574. PMID: 39273526; PMCID: PMC11394724. **IF=4.99- autor principal**

13. Bălășoiu AT, Bălășoiu M, Zlatian OM, **Ghenea Alice Elena**. Bacterial and Fungal Keratitis in a Tertiary Care Hospital from Romania. *Microorganisms.* 2024 Apr 12;12(4):787. doi: 10.3390/microorganisms12040787. PMID: 38674731; PMCID: PMC11052338. **IF=4.99- autor principal**

14. Cioboata R, Nicolosu D, Balasoiu AT, Balteanu MA, Zlatian OM, Osman A, Biciusca V, Tieranu EN, Mogos GFR, Ghenea Alice Elena . Vitamin C and Tuberculosis: Examining the Relationship Between Antioxidant Defense and Disease Severity-Preliminary Findings from a Southwestern Romanian Study. *J Clin Med.* 2024 Nov 8;13(22):6715. doi: 10.3390/jcm13226715. PMID: 39597859; PMCID: PMC11594612.