

CURRICULUM VITAE

PERSONAL INFORMATION

■ **Name:** GHENEA(GĂMAN) Ș. ALICE ELENA

PROFESSIONAL ACTIVITY

2023 – present	Habilitation Certificate. Thesis title “Microbial interactions in medicine: from classical microbiology to artificial intelligence”.
2022 – present	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, biochemicals, nanoparticles, others) - (T6)-UEFISCDI 21.04.2020

GRANT MEMBER

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 CNCIS recognised publishing houses: 1
- Courses: 2
- ISI WEB OF SCIENCE full text articles: 20
- BDI indexed full text articles: 18
- ISI Sum of times cited: 187
- Hirsch index: 8
- FICAP: 35,44

Publications 20 Total From 1975 to 2024	Citing Articles 214 Analyze Total 207 Analyze Without self-citations	Times Cited 243 Total 236 Without self-citations	12.15 Average per item	8 H-index
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LIST OF REPRESENTATIVE PAPERS

1. **Alice Elena Ghenea**, Ovidiu Mircea Zlatian, Oana Mariana Cristea, Anca Ungureanu, Radu Razvan Mititelu, Andrei Theodor Balasoii, Corina Maria Vasile, Alex-loan Salan, Daniel Iliuta, Mihaela Popescu, Anca-Loredana Udristoiu, Maria Balasoii - 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 Udriștoiu, 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.; Udriștoiu, A.L.; **Ghenea, A.E.**; Popescu, M.; Gheonea, C.; Niculescu, C.E.; Ungureanu, A.M.; Udriștoiu, 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 Udriștoiu, **Alice Elena Ghenea**, Ștefan Udriștoiu, Manuela Neaga, Ovidiu Mircea Zlatian, Corina Maria Vasile, Mihaela Popescu, Eugen Nicolae Țieranu, Alex-Ioan 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>.

