



Mihai MAREȘ

Professor

Department XI Public Health

Faculty of Veterinary Medicine

Full Professor of Microbiology (since 2016); PhD theses supervisor (since 2018); Dean (since 2020); Associate Dean for research (2012-2020); Member of the National Council for Scientific Research (since 2020); Member of CNATDCU - Committee 21 (since 2020); Member of EUCAST AFST Steering Committee (2018-2020); Fellow of ECMM Academy; President of the Romanian Society of Clinical Mycology and Mycotoxicology.

Professional experience

Since 2016 Full Professor

Iași University of Life Sciences
Faculty of Veterinary medicine
Microbiology, Clinical mycology, Food Microbiology

2013 - 2016 Associate Professor

Iași University of Life Sciences
Faculty of Veterinary medicine
Clinical mycology, Food Microbiology

2007 - 2013 Lecturer

Iași University of Life Sciences
Faculty of Veterinary medicine
Laboratory Diagnostic, Mycology and Mycotoxicology

1999 - 2007 Assistant Professor

Iași University of Life Sciences
Faculty of Veterinary medicine
Laboratory Diagnostic, Hygiene and Environmental Protection

Education

2006 Postgraduate Course (one semester of master)

University Paris 7 Denis-Diderot (Paris, France) and Pasteur Institute (Paris, France)
Inter-university Diploma - Specialization in Medical Mycology

2001 - 2005 PhD Studies

University of Medicine and Pharmacy "Gr. T. Popa" Iași, Faculty of Medicine
PhD Diploma in Medical Sciences (2006) - Specialization in Microbiology

2000 - 2005 Graduation Diploma (DMD)

University of Medicine and Pharmacy "Gr. T. Popa" Iași, Faculty of Medicine, and "Apollonia" University,
Faculty of Dental Medicine
Diploma Doctor of Medical Dentistry

1993 - 1999 Graduation Diploma (DVM)

University of Agricultural Sciences and Veterinary Medicine "Ion Ionescu de la Brad" Iași, Faculty of
Veterinary Medicine
Diploma Doctor of Veterinary Medicine

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31-Jan-1975

Areas of expertise

- Microbiology
- Clinical and Environmental Mycology
- Antimicrobial Chemotherapy
- Experimental Medicine
- Biomedical applications of plasmas
- Infectious Diseases

Competences

- Bacteria and fungi identification
- Antimicrobial susceptibility testing
- Animal models of infection and tumors
- Preclinical evaluation new compounds
- Non-thermal plasma treatments
- Immunoglobulins Y

Research activity

Scientific papers

- **ORCID** <https://orcid.org/0000-0002-3103-4954>
- **Google Scholar** https://scholar.google.com/citations?user=37r_NQwAAAAJ&hl=en

Research projects and grants

- 2005 - 2004** **Coordinator/PI**
Project Code 320666 - Disinfectants in food production - efficacy towards foodborne bacteria and potential cross-resistance to antibiotics; Norway Research Council; Budget 600.000 NOK
- 2023 - 2025** **Coordinator/PI**
ADER 10.1.2/12.07.2023 – Researches concerning the evolutive characteristics of influenza virus strains and design of some immune-prophylactic products for the control of avian flu in Romania; Romanian Ministry of Agriculture and Rural Development; budget: 200.000 lei.
- 2020 - 2022** **Coordinator/PI**
PN III Grant No. 562PED/2020 – Advanced intelligent 3D magnetic scaffolds for bone engineering and repair; UEFISCDI; budget: 200.000 lei
- 2014 - 2016** **Coordinator/PI**
PN-II-PT-PCCA-2013-4-2287 – Biomimetic magnetic scaffolds as alternative strategy for bone tissue engineering and repair (MAGBIOTISS); budget: 150.000 lei (34.211,43 Eur.)
- 2010 - 2013** **Coordinator/PI**
CNCS – RU- TE 159 – Evaluation of the antifungal activity of a new propiconazole derivative complexed with beta-cyclodextrin; budget: 748.824,00 lei (177.872,16 Eur.)

Internships and scholarships

- 2022** Training School "PK/PD of Antibiotics; COST Action CA18217; Thessaloniki, Greece
- 2017** PN III – RU- MC-2017-0179 Mobilități - UEFISCDI: participarea la ESCMID Postgraduate Course - Regional Capacity-Building for Integration of Next-Generation Sequencing in the Clinical Microlab; Herzlyia, Israel
- 2016** ESCMID Postgraduate Course "NoMorFilm Workshop on Biofilms"; Institut de Salut Global; Barcelona, Spain
- 2013** ESCMID Postgraduate Course "Gaining expertise on mycobacterial infections"; Ecole Militaire de Val-de-Grace, Paris, France.
- 2009** FEBS Advanced practical and lecture course "Comparative analysis of in vitro and in vivo Candida albicans – host interaction systems"; Universidad Complutense, Madrid, Spain

Scientific and professional organizations

- European Society of Clinical Microbiology and Infectious Diseases
- International Society for Human and Animal Mycology
- European Committee of Antimicrobial Susceptibility Testing - AFST Subcommittee
- Romanian Society of Medical Mycology and Mycotoxicology
- Romanian Society of Biochemistry and Molecular Biology