

# CURRICULUM VITAE



## PERSONAL DATA

<b>Name</b>	FILIP ROXANA GHEORGHIU
<b>Address</b>	2, Dimitrie Onciul street, Bl. C3, et. 1, ap. 3, Suceava
<b>Phone no.</b>	0734 670300
<b>Fax</b>	-
<b>E-mail</b>	roxana_filip@yahoo.com;roxana.filip@usm.ro

<b>Nationality</b>	Romanian
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<b>Birth date and birth place</b>	20.12.1966, Suceava, Romania
<b>Present position</b>	Professor of Microbiology, Head of the Tuberculosis and Molecular Biology Clinical Laboratory, Suceava Clinical Emergency Hospital

## HIGH SCHOOL DEGREE

• <b>Period</b>	1981-1985
• <b>Institution</b>	"Stefan cel Mare" mathematics and physics high school, Suceava
• <b>Profile</b>	Mathematics and physics
• <b>Graduation degree</b>	Graduation diploma, Series B No. 55376

## M.D DEGREE

• <b>Period</b>	1985-1991
• <b>Institution</b>	"Gr. T. Popa" University of Medicine and Pharmacy, Iasi
• <b>Specialty</b>	general medicine
• <b>Graduation degree</b>	Medical doctor; graduation diploma Series J No. 1081/1991

## POST-GRADUATE DEGREES

• <b>Period</b>	1992-1995
• <b>Institution</b>	"Gr. T. Popa" University of Medicine and Pharmacy, Iasi
• <b>Specialty</b>	Clinical laboratory residency – microbiology, parasitology, virology, hematology;
• <b>Graduation title</b>	M.D. specialized in Clinical Laboratory

• <b>Period</b>	1999-examination for becoming a Senior Physician
• <b>Institution</b>	"Gr. T. Popa" University of Medicine and Pharmacy, Iasi
• <b>Specialty</b>	Clinical laboratory residency – microbiology, parasitology, virology, hematology;
• <b>Graduation title</b>	Senior Physician specialized in Clinical Laboratory

• <b>Period</b>	1999
• <b>Institution</b>	"A.I.Cuza" University, Iasi
• <b>Subject</b>	Course on psychopedagogy
• <b>Graduation degree</b>	Course graduation diploma

• <b>Period</b>	2002
• <b>Institution</b>	"Gr. T. Popa" University of Medicine and Pharmacy, Iasi
• <b>Subject</b>	Health Management;
• <b>Graduation degree</b>	Course graduation diploma

• <b>Period</b>	2005-2006
• <b>Institution</b>	"Stefan cel Mare" University, Suceava

• <b>Subject</b>	PC operator course
• <b>Graduation degree</b>	Course graduation diploma series D No. 0007829;

• <b>Period</b>	15-30.03.2014
• <b>Institution</b>	“Gr. T. Popa” University of Medicine and Pharmacy, Iasi
• <b>Subject</b>	Quality Management in Laboratory Medicine;
• <b>Graduation degree</b>	Graduation diploma/ series I 0024456

## PHD DEGREE

• <b>Coordinating Institution</b>	“Gr. T. Popa” University of Medicine and Pharmacy, Iasi – since <b>1995</b>
• <b>Field of research</b>	Microbiology; Scientific coordinator: Professor Dr Dumitru Buiuc, member of the Academy of Medical Science
• <b>Title of the PhD thesis</b>	“Genotype and phenotype characterization of beta-lactamases produced by <i>Enterobacteriaceae</i> strains specific to Europe”
• <b>Thesis presentation</b>	<b>1997</b> ; diploma series M No. 000956
• <b>Title after graduation</b>	PhD in Medicine, Microbiology Specialty

## HABILITATION

• <b>Coordinating institution</b>	“Ovidius” University Constanta, Faculty of Medicine
• <b>Field</b>	MEDICINE
• <b>Title of the habilitation thesis</b>	“Role of molecular biology techniques in patient care- towards diagnostic stewardship”
• <b>Thesis presentation</b>	2023, 6 Noiembrie
• <b>Title</b>	HABILI Habilitation granted in MEDICINE FIELD to Mrs ROXANA FILIP“ from the Stefan cel mare University from Suceava, Faculty of Medicine and Biological Sciences <b>Order from Ministry of Education, Nr. 3267/22.01.2024</b>

## OTHER SELECTED COURSES / TRAININGS

• <b>Period</b>	2018 1-8 August 2018
• <b>Institution</b>	Tuberculosis National reference Laboratory Leon Daniello Hospital, Cluj Napoca
• <b>Training Program</b>	Experience exchange one week
• <b>Certification</b>	Letter from dr. Daniela Homorodean, Head of the, Laboratory and Coordinator of the National Tuberculosis Programme Laboratories

• <b>Period</b>	2010-2013
• <b>Institution</b>	University of Medicine and Pharmacy, Bucharest; University of Medicine and Pharmacy, Cluj; “Victor Babes” Institute, Bucharest; “Cantacuzino Institute”, Bucharest; Goteborg University, Sweden
• <b>Training Program</b>	IMUNOLAB – Professional and organizational training of immunology laboratories employees by implementation of state of the art technologies and quality management; POSDRU /81/3.2/S/59497
• <b>Certification</b>	Continuous Medical Education diploma

• <b>Period</b>	20.11. 2011-26.11.2011
• <b>Institution</b>	University of Goteborg
• <b>Type of Program</b>	Exchange program
• <b>Certification</b>	Letter of Recommendation

• <b>Period</b>	13.12 2005-1.02.2006
• <b>Institution</b>	St Jude Children's Research Hospital, Memphis, Tennessee, USA

	Department of Pathology
• <b>Type of Program</b>	Specialization
• <b>Certification</b>	Letter of Recommendation from Randall Hayden – Head of Department

• <b>Period</b>	December 2004 - January 2005
• <b>Institution</b>	St Jude Children's Research Hospital, Memphis, Tennessee, USA
• <b>Type of Program</b>	Visiting Physician
• <b>Certification</b>	Letter of Recommendation from Randall Hayden – Head of Department

• <b>Period</b>	May 2003 - <i>Training for graduates</i> Ayshire, Glasgow, Scotland
• <b>Institution</b>	ESCMID- European Society of Clinical Microbiology and Infectious Diseases
• <b>Type of Program</b>	Training for graduates
• <b>Certification</b>	Certificate of Participation

• <b>Period</b>	6 <sup>th</sup> – 12 <sup>th</sup> of July 2002: ESCMID Summer School, Lausanne, Faculty member
• <b>Institution</b>	ESCMID
• <b>Type of Program</b>	Summer School
• <b>Certification</b>	Certificate of Participation

• <b>Period</b>	22 <sup>nd</sup> – 23 <sup>rd</sup> of April 2002 - Orta San Giulio, Italy
• <b>Institution</b>	ESCMID, Orta San Giulio
• <b>Type of Program</b>	Training for graduates: “Diagnosis, Characterization And Epidemiology Of Beta-Lactamases”
• <b>Certification</b>	Certificate of Participation

• <b>Period</b>	30 July - 1 November 1999: Profesor invitado la Cuernavaca, Morelos, Mexico
• <b>Institution</b>	Instituto Nacional de Salud Publica, Cuernavaca, Morelos, Mexico
• <b>Type of Program</b>	<i>Conferencia de Alta Nivel y Catedras Especiales</i>
• <b>Certification</b>	Certificate

• <b>Period</b>	1 May - 31 October 1996: Scholarship in London BSAC- Royal London Hospital College - Dr. David Livermore
• <b>Institution</b>	Royal London Hospital College, London
• <b>Type of Program</b>	<i>Scholarship</i> BSAC- British Society of Antimicrobial Chemotherapy
• <b>Certification</b>	Letter of Recommendation

• <b>Period</b>	February - March 1995 - Scholarship at Dr. David Livermore, granted by the company SmithKline Beecham SmithKline Beecham
• <b>Institution</b>	Royal London Hospital College, London, Prof. Dr. David Livermore
• <b>Type of Program</b>	Research Scholarship granted by the company SmithKline Beecham
• <b>Certification</b>	Letter of Recommendation

• <b>Period</b>	January – March 1994: CHU Ambroise Pare, Paris, Project: <i>A Study of the Mechanism of Resistance to Beta-Lactamic Antibiotics of the Enterobacteriaceae Strains isolated in Eastern Romania</i> Prof. Marie Helene Nicolas Chanoine
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• <b>Institution</b>	CHU Ambroise Paré, Paris France
• <b>Type of Program</b>	Scholarship from the <i>Association develop Etudes</i> - Project: A Study of the Mechanism of Resistance to Beta-Lactamic Antibiotics of the <i>Enterobacteriaceae</i> Strains isolated in Eastern Romania Prof Marie Helene Nicolas Chanoine
• <b>Certification</b>	Certificate of Participation

## PROFESSIONAL ACTIVITY

• <b>Period</b>	1991-1994
• <b>Place of work</b>	"Gr. T. Popa" University of Medicine and Pharmacy, Iasi, Microbiology Department;
• <b>Field of activity</b>	Microbiology Junior Instructor
• <b>Job title</b>	Junior Instructor
• <b>Main activities and responsibilities</b>	<ol style="list-style-type: none"> <li>1. Preparation of microbiology practical experiments for 3<sup>rd</sup> year General Medicine students and resident physicians in the field of microbiology</li> <li>2. Coordinating laboratory practice for 3<sup>rd</sup> year General Medicine students</li> <li>3. Coordinating laboratory practice on Medical Microbiology for 2<sup>nd</sup> year Pharmacy students</li> <li>4. Coordinating laboratory practice for students enrolled in English-taught classes</li> <li>5. Preparation of demonstrative materials for the final exam – bacterial cultures, microscope slides</li> </ol>
• <b>Areas of competence</b>	Medical Microbiology, Clinical Laboratory

• <b>Period</b>	1994-2000
• <b>Place of work</b>	"Gr. T. Popa" University of Medicine and Pharmacy, Iasi, Microbiology Department;
• <b>Field of activity</b>	Microbiology Junior Lecturer
• <b>Job title</b>	University Lecturer, PhD
• <b>Main activities and responsibilities</b>	<ol style="list-style-type: none"> <li>1. Microbiology lectures for 3<sup>rd</sup> year General Medicine students, modular system - teaching in Romanian and English and coordination of demonstrative laboratory practice for junior instructors</li> <li>2. Coordinating laboratory practice and giving lectures associated with the special microbiology modules for resident physicians in the fields of microbiology, epidemiology, and infectious disease - teaching in Romanian and English</li> <li>3. Preparing teaching materials for laboratory practice of students and residents</li> <li>4. Coordinating the activity of Junior Instructors that prepare teaching materials</li> <li>5. Preparing the materials needed for the final end-of-module practical examination for student and resident physicians</li> <li>6. Participation as Commission Secretary in the Senior Physician exam</li> </ol>
• <b>Areas of competence</b>	Clinical laboratory, microbiology, parasitology, hematology, virology

• <b>Period</b>	2000-2004
• <b>Place of work</b>	"Gr. T. Popa" University of Medicine and Pharmacy, Iasi, Microbiology Department;
• <b>Field of activity</b>	Microbiology Lecturer; Clinical Integration Senior Physician
• <b>Job title</b>	University Lecturer, PhD, Clinical Laboratory Senior Physician; Part-time Clinical Integration Lecturer
• <b>Main activities and responsibilities</b>	<ol style="list-style-type: none"> <li>1. Microbiology lectures for 3<sup>rd</sup> year General Medicine students, modular system - teaching in Romanian and English</li> </ol>

	<ol style="list-style-type: none"> <li>Coordinating laboratory practice of special microbiology modules for resident physicians in the fields of clinical laboratory, epidemiology, and infectious disease - teaching in Romanian and English</li> <li>Coordinating laboratory practice of microbiology modules for 3<sup>rd</sup> year General Medicine students and for 1<sup>st</sup> years Midwife Specialty students</li> <li>Coordinating demonstrative laboratory practice for junior instructors and junior lecturers within the Microbiology Department</li> <li>Contact person for the Rector of the University of Medicine and Pharmacy on topics related to the affiliation of the teaching curricula to European standards</li> <li>Responsible for overseeing microbiology practical examinations 3<sup>rd</sup> year General Medicine students and Midwife Specialty students</li> <li>Responsible for the organization and inauguration of the clinical integration laboratory affiliated to the "Saint Spiridon" Dermatology Clinic, Iasi (part-time job).</li> </ol>
• <b>Areas of competence</b>	Clinical laboratory, microbiology, parasitology, hematology, virology

• <b>Period</b>	2004-22.08.2010;
• <b>Place of work</b>	CFR University Hospital, Iasi - Total Test, Suceava
• <b>Field of activity</b>	Clinical Laboratory
• <b>Job title</b>	Head of Laboratory
• <b>Main activities and responsibilities</b>	<ol style="list-style-type: none"> <li>Organizing and coordinating laboratory activities; maintenance of the internal and external quality assurance system</li> <li>Management of means and resources directed at improving the efficacy of the activities performed</li> <li>Implementation of new investigative techniques intended to expand the range of services and improve the quality of care</li> <li>Coordinating the training of subordinated staff, enrolling nurses for participation in medical congresses in order to obtain CME credits</li> <li>Maintaining good working relationships with specialists in other fields in order to improve diagnostic quality</li> </ol>
• <b>Areas of competence</b>	Clinical laboratory, microbiology, parasitology, hematology, virology

• <b>Period</b>	20.08.2010- 2.05.2018 2.05.2018- present
• <b>Place of work</b>	Hipocrat Laboratory, Suceava, full time Hipocrat laboratory, part time
• <b>Field of activity</b>	Clinical Laboratory
• <b>Job title</b>	Senior Physician, PhD, Laboratory Director
• <b>Main activities and responsibilities</b>	<ol style="list-style-type: none"> <li>Quality assurance for the following departments: microbiology, hematology and immunology; maintenance of the internal and external quality assurance system</li> <li>Management of means and resources directed at improving the efficacy of the activities performed</li> <li>Implementation of new investigative techniques intended to expand the range of services and improve the quality of care</li> <li>Coordinating the training of subordinated staff, enrolling nurses for participation in medical congresses in order to obtain CME credits</li> <li>Maintaining good working relationships with specialists in other fields in order to improve diagnostic quality</li> </ol>
• <b>Areas of competence</b>	Clinical laboratory, microbiology, parasitology, hematology, virology, immunology, scientific research methodology

• <b>Period</b>	2.05.2018- present
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• <b>Place of work</b>	Suceava Emergency Clinical County Sf Ioan cel Nou Hospital, head of Laboratory of Tuberculosis diagnosis and molecular biology
• <b>Field of activity</b>	Microbiology
• <b>Job title</b>	Senior Physician, PhD, Professor Member in the Commission for Prudent use of Antibiotics in the Hospital
• <b>Main activities and responsibilities</b>	<ol style="list-style-type: none"> <li>1. Laboratory Diagnosis of Mycobacterium infections</li> <li>2. Direct microscopic examination</li> <li>3. Culture examination</li> <li>4. Report of results in the National Tuberculosis programme</li> <li>5. Accreditation of the laboratory</li> </ol>
• <b>Areas of competence</b>	Clinical laboratory, microbiology, parasitology, hematology, virology, immunology, scientific research methodology

## UNIVERSITY TEACHING ACTIVITIES

• <b>Period</b>	1991-2004	
• <b>University</b>	Gr. T. Popa" University of Medicine and Pharmacy, Iasi	
• <b>Academic title</b>	Junior Instructor (1991-1994), Junior Lecturer (1994-2000), Lecturer (2000-2004)	
• <b>Main activities and responsibilities</b>	• courses:	Microbiology courses for 3 <sup>rd</sup> year General Medicine students, teaching in Romanian and English
	• seminars and laboratories:	<ol style="list-style-type: none"> <li>1. Weekly laboratory practice on microbiology and virology for 3<sup>rd</sup> year General Medicine students</li> <li>2. Weekly laboratory practice on microbiology for 1<sup>st</sup> year Medicine students, Midwives Specialty</li> <li>3. Modular laboratory practice on special microbiology for Clinical Laboratory resident physicians and for Epidemiology and Infectious Disease resident physicians</li> </ol>
	• scientific coordinator	Graduation Thesis coordinated (3) <ol style="list-style-type: none"> <li>1. <b>Graduate Melinte Violeta</b></li> <li>2. <b>Graduate Ilas Simona</b></li> <li>3. <b>Graduate Schmidt Madalina</b></li> </ol>
• <b>Period</b>	• 2012-present	
• <b>University</b>	"Stefan cel Mare" University, Suceava – Faculty of Medicine and Biological Sciences	
• <b>Academic title</b>	Associate lecturer/ Course coordinator	
• <b>Main activities and responsibilities</b>	Seminars and laboratory practice	-Epidemiology course and Laboratory for Physiokinetotherapy students, 1 <sup>st</sup> year, 1 <sup>st</sup> semester -Microbiology course and Laboratory for Nutrition and Dietetics students, 2 <sup>nd</sup> year, first and second semester - Immunology Hygiene course and Laboratory for Nutrition and Dietetics students, 2 <sup>nd</sup> year first semester
• <b>Period</b>	• 2022-February 2025	
• <b>University</b>	"Stefan cel Mare" University, Suceava – Faculty of Medicine and Biological Sciences	
• <b>Academic title</b>	Associate Professor	
• <b>Main activities and responsibilities</b>	Seminars and laboratory practice	- Microbiology course and Laboratory for Nutrition and Dietetics students, general Medical assistance students First year, second semester - Hygiene course for Nutrition and dietetics and Balneophysiokinetotherapy - Interpretation of laboratory tests medical general assistance, First year
• <b>period</b>	February 2025- present	
• <b>University</b>	Stefan cel Mare Suceava University, Faculty of Medicine and Biological Sciences	
• <b>Academic title</b>	Professor, Habil	
• <b>Main activities</b>	Courses, seminars, laboratories	-microbiology course for general assistance and technical dentistry students

		-Hygiene course for Medicine students -Clinical Biochemistry for Biochemistry students
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## SCIENTIFIC ACTIVITY

PUBLICATIONS	• CNCSIS cited Books	<ol style="list-style-type: none"> <li>1999: Annals of Clinical Microbiology: Chapter: Detection and identification of microorganisms through bio-molecular methods; nucleic acid probes and gene amplification, pages 536-556; "Editura Medicala" Publisher</li> <li>2021- Hygiene- Course notes; Performantica Publisher, Iasi, Romania</li> <li>2021- Hygiene- practical guide- Performantica Publisher Iasi, Romania</li> </ol>
	• Courses published	<ol style="list-style-type: none"> <li>2003: Medical Microbiology- Guideline for medical study and practice; Publisher: "Gr T Popa" Iasi</li> <li>1998: <i>Manual of Medical Microbiology</i> co-author</li> <li>1996: <i>Medical Microbiology</i> co-author</li> </ol>
	• Scientific publications (selection)	<ul style="list-style-type: none"> <li>Impact of the COVID-19 pandemic on the realworld diagnostic infrastructure for tuberculosis—An ESGMYC collaborative study <b>Laura Paulowski</b><sup>1</sup>, <b>Roxana Filip</b><sup>2,3</sup>, <b>Mateja Jankovic Makek</b><sup>4,5</sup>, <b>Lorenzo Guglielmetti</b><sup>6,7</sup>, <b>Delia Goletti</b><sup>8</sup>, <b>Jakko van Ingen</b><sup>9</sup>, <b>Katharina Kranzer</b><sup>10,11,12</sup>, <b>Florian P. Maurer</b> on behalf of ESGMYC PLoS ONE 19(4): e0291404. <a href="https://doi.org/10.1371/journal.pone.0291404">https://doi.org/10.1371/journal.pone.0291404</a></li> <li>The knowns and unknowns of long COVID-19: from mechanisms to therapeutic approaches. Roxana Gheorghita, Iuliana Soldanescu, Andrei Lobiuc, Olga Adriana Caliman Sturdza, <b>Roxana Filip</b>, Adela Constantinescu-Bercu, Mihai Dimian, Serghei Mangul, Mihai Covasa*. Frontiers in Immunol 15:1344086, 4.03.2024; doi: 10.3389/fimmu.2024.1344086</li> <li>Role of interferons in the antiviral battle: from virus-host cross talk to prophylactic and therapeutic potential in SARS CoV 2 infection. Grigore Mihaescu, Mariana Carmen Chifiriuc, <b>Roxana Filip</b>, Coralia Bleotu, Lia Mara Ditu, Marian Constantin, Roxana-Elena Cristian, Raluca Grigore Serban, Vifor Bertesteanu, Gloria Bertesteanu, Corleiu Ovidiu Vrancianu Front. Immunol., 15 January 2024 Sec. Viral Immunology Volume 14 - 2023   <a href="https://doi.org/10.3389/fimmu.2023.1273604">https://doi.org/10.3389/fimmu.2023.1273604</a></li> <li>COVID-19 positive cases in a pediatric surgery department from Romania Case series from 2 years of pandemics Florin Filip, Ramona Avramia, Monica Terteliu-Baitan, Maria - Elena Cocuz, <b>Roxana Filip</b>. Medicine 2023;102:48(e36235).</li> <li>Innovative materials with possible applications in the wound dressings field: alginate based films with <i>Moringa oleifera</i> extract. Roxana Gheorghita, <b>Roxana Filip</b>, Ancuta Veronica Lupaescu, Monica Iavorschi, Liliana Anchidin Norocel, Gheorghe Gutt.Gels, 2023, 9, 560. <a href="https://doi.org/10.3390/gels9070560">https://doi.org/10.3390/gels9070560</a></li> <li>The Role of the Prognostic Inflammatory and Nutritional Index (PINI) in the Evolution of Patients with Chronic Kidney Disease and Other Pathologies Monica Cordos, Cristiana-Elena Vlad, Simona-Mihaela Hogas, <b>Roxana Filip</b>, Gabriela Geletu, Maria Bogdan, Codruta</li> </ul>

		<p>Badescu , Ancuta Goriuc and Liliana Georgeta Foia Healthcare 2023, 11, 1375. <a href="https://doi.org/10.3390/healthcare11101375">https://doi.org/10.3390/healthcare11101375</a></p> <ul style="list-style-type: none"> <li>• Article “Quo Vadis Diagnosis”: Application of Informatics in Early Detection of Pneumothorax V. Dhillip Kumar , P. Rajesh , Oana Geman , Maria Daniela Craciun , Muhammad Arif and <b>Roxana Filip</b> Diagnostics 2023, 13, 1305. <a href="https://doi.org/10.3390/diagnostics13071305">https://doi.org/10.3390/diagnostics13071305</a></li> <li>• Global challenges to public health care systems during the COVID-19 pandemic: a review of pandemic measures and problems. <b>Roxana Filip</b>, Roxana Gheorghita Puscaselu, Liliana Anchidin Norocel, Mihai Dimian, Wesley Savage. Journal of Personalized Medicine ,2022,12,1295.<a href="https://doi.org/10.3390/jpm12081295">https://doi.org/10.3390/jpm12081295</a>.August 2022; factor impact: 3.5</li> <li>• Common themes in antimicrobial and anticancer drug resistance. Mariana Carmen Chifiriuc, <b>Roxana FILIP</b>, Marian Constantin, Gratiela Gradisteanu Pircalabioru, Coralia Bleotu, Liliana Burlibasa, Elena Ionica, Nicolae Corcionivoschi Grigore Mihaescu. Frontiers in Microbiology doi103389/fmicb.2022.960693. equal contribution as first author</li> <li>• Vasilescu I. M., Chifiriuc M. C., Pircalabioru G. G., <b>Filip R.</b>, Bolocan A., Lazăr V., Dițu L. M., Bleotu C. <i>Gut Dysbiosis and Clostridioides difficile Infection in Neonates and Adults</i>. Front Microbiol. 2022; 12:651081. Published 2022 Jan 20. doi:10.3389/fmicb.2021.651081, Factor de impact: 5.64, WOS:000750563100001; <a href="https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8810811/pdf/fmicb-12-651081.pdf">https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8810811/pdf/fmicb-12-651081.pdf</a>.</li> </ul> <p><u>Author Contributions:</u> These authors have contributed equally to this work</p> <ul style="list-style-type: none"> <li>• Changes in Dietary Patterns and Clinical Health Outcomes in Different Countries during the SARS-CoV-2 Pandemic. <b>Roxana Filip</b> Liliana Anchidin-Norocel , Roxana Gheorghita , Wesley K. Savage and Mihai Dimian 3,4 Nutrients <b>2021</b>, 13, 3612. <a href="https://doi.org/10.3390/nu13103612">https://doi.org/10.3390/nu13103612</a></li> <li>• Antiviral Immunity in SARS-CoV-2 Infection: From Protective to Deleterious Responses. Grigore Mihaescu , Mariana Carmen Chifiriuc , Corneliu Ovidiu Vrancianu , Marian Constantin, <b>Roxana Filip</b> , Mihaela Roxana Popescu7 , Liliana Burlibasa , Anca Cecilia Nicoara , Alexandra Bolocan , Ciprian Iliescu 10,11,12 and Gratiela Gradisteanu Pircalabioru. Microorganisms <b>2021</b>, 9, 2578. <a href="https://doi.org/10.3390/microorganisms9122578">https://doi.org/10.3390/microorganisms9122578</a></li> <li>• Applications of Biopolymers for Drugs and Probiotics Delivery Roxana Gheorghita , Liliana Anchidin-Norocel , <b>Roxana Filip</b>, Mihai Dimian and Mihai Covasa. Polymers <b>2021</b>, 13, 2729. <a href="https://doi.org/10.3390/polym13162729">https://doi.org/10.3390/polym13162729</a></li> <li>• Molecular characterization of beta lactam resistance of <i>Salmonella</i> isolates from pediatric patients in Romania; <b>Roxana Filip</b>, Lilia Chihu Amparan, et al. J of Chemotherapy, vol 16 (4): 337-42 August 2004</li> <li>• Ethical Problems in transferring the greater omentum to replace soft tissue deficit at the limbs’ level. Francu Laurian Lucian, <b>Filip Roxana</b>, David Sofia. Paripex Indian Journal of Research, vol 7 issue 1, January 2018, 240-242</li> <li>• Proliferative activity evaluation of osteosarcomas in children. Filip Roxana, Francu Laurian Lucian, Florin Filip. Paripex Indian Journal of Research Issue 1, January 2018, 496 - 498.</li> <li>• Expanded spectrum cephalosporin resistant <i>Salmonella</i> strains in Romania. Vivi Miriagou, <b>Roxana Filip</b>, Gabriela Coman, et al. Journal of Clinical Microbiology, November 2002, vol 40 no. 11, pages 4334-6</li> <li>• Study of outer membrane proteins and their role in co modulation of resistance in non typhoidic <i>Salmonella</i> strains isolated in Iasi. <b>Roxana Filip</b>, Lilia Chihu et al. Rev Med Chir Soc Med Nat Iasi, 2001, vol 105 no. 1, pages 133-5.</li> </ul>
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		<ul style="list-style-type: none"> <li>Bases of variation in resistance to beta-lactams in <i>Klebsiella oxytoca</i> isolates hyperproducing K1 beta-lactamase. <b>Roxana Gheorghiu</b>, Meifang Youan, et al. Journal of Antimicrobial Chemotherapy, 1997, 40: 533-41.</li> <li>Reduced susceptibility to co-amoxiclav in <i>Escherichia coli</i>, <i>Salmonella typhimurium</i> and <i>Klebsiella pneumoniae</i> isolated in Romania between 1975 and 1993. Florence Espinasse, <b>Roxana Gheorghiu</b>, et al. Journal of Antimicrobial Chemotherapy, 1997, 39: 103-6.</li> </ul>
	<ol style="list-style-type: none"> <li>Study of the resistance mechanisms to the <i>Enterobacteriaceae</i> strains isolated in Romania- ISP Cuernavaca, Morelos, México - prof Jesus Silva Sanchez- <i>Conferencia de Alta Nivel Y Catedras Especiales</i></li> <li>Resistance to <i>Pseudomonas</i> strains - with Laurent Poirel, at Kremlin Bicetre, Paris, France</li> </ol>	
<b>SCIENTIFIC COMMUNITIES MEMBERSHIP</b> (reviste, congrese, simpozioane)	<ol style="list-style-type: none"> <li>Member in the ESCMID Education Committee (European Society of Clinical Microbiology and Infectious Diseases) 2000 -2007 - co-director Suceava summer school, July 2007</li> <li>ESCMID members ESCMID Mycobacterium study group</li> <li>Member in the ESGAP executive (European Study Group of Antibiotic Policies)</li> <li>Member in the Romanian Society of Laboratory Medicine- AMLR</li> <li>Member in the Medical Balkan Union Romania Chapter</li> </ol>	

## PROFFESIONAL AFFILIATIONS

- Member of the Educational Committee of ESCMID (European Society of Clinical Microbiology and Infectious Diseases) since 2000 until present day – member of the organizing committee of the ESCMID summer school from 2001 to 2007 ESCMID member ID: 14332
- Abstract reviewer at ECCMID 2015 Copenhagen, 2016 Amsterdam, 2017 Vienna, 2018, 2019, 2020, 2021, 2022 (ESCMID certificate)
- Chair and co chair in ECCMID sessions

## Distinctions

**Honour citizen of Suceava since December 2021**

**Anastasiu Crimca distinguish medal for involvement in health care community June 2022**

**Honour citizen of Suceava county, November 2022**

## TRAINING PROGRAMS ATTENDED ABROAD (SELECTION)

- 2016 September- Invited speaker in INSP Cuernavaca, Mexico, lecture on antibiotic resistance pattern in Romania
- 20.11-26.11.2011- Exchange program at the Goteborg University through the IMUNOLAB program
- 13.12 2005-1.02.2006- Training at St Jude Children's research Hospital, Memphis, Tennessee, SUA
- December 2004- January 2005- Training at St Jude Children's research Hospital, Memphis, Tennessee, SUA
- May 2003- post-graduate course in Ayshire, Glasgow, Scotland
- 6-12 July 2002- ESCMID summer school, Lausanne, Faculty member
- 22-23 April 2002- Orta San Giulio, Italy- post-graduate course "Diagnostics, characterization and epidemiology of beta-lactamases"
- 30 July- 1 November 1999: Invited professor at Cuernavaca, Morelos, México – through the program "Conferencia de Alta Nivel y Catedras Especiales" - 3 conferences that took place at The National Institute of Public Health
- 1 May - 31 October 1996: six months scholarship at London Hospital Medical College, Department of Medical Microbiology; Research project under the supervision of Dr. David M. Livermore
- February - March 1995: One month training, at London Hospital Medical College, Department of Medical Microbiology under the supervision of Dr. David M. Livermore, sponsored by SmithKline Beecham Pharmaceuticals.
- January - March 1994: specialization training at the Microbiology Department of CHU Ambroise Paré, Paris, France; project "study of resistance mechanisms of Enterobacteriaceae strains isolated in Eastern Romania against antimicrobial agents" - supervisor: Prof. Marie - Hélène Nicolas Chanoin

## PARTICIPATION IN REPRESENTATIVE NATIONAL AND INTERNATIONAL CONFERENCES (SELECTION)

- May 2025 Invited Professor at Surakarta University, Indonesia and Ganesha University, Bali one week

2. April 2025 invited professor in Ivory Coast, Abidjan
3. December 2024- invited professor in Dakar, Senegal
4. March 2024 one week teaching programme at Vlore University, Albania
5. May 2024 International Congress of the Laboratory Medicine, Constanta AMLR
6. May 2024 International Congress of the History of Medicine Ciudad de Mexico; speaker and co chair
7. July 2023 International Congress of the History of Medicine, Ciudad de Panama, chair and speaker,
8. May 2023- faculte de Medicine de Tanger, Maroc; Universite Tetouan
9. March 2023- Instituto Politecnico de Braganca- program Erasmus, Escuela de Salud
10. 2022 ECCMID Lisboa- ESCMID chair at Sanofi symposium; abstract reviewer and late abstract reviewer
11. Chair poster session conference AMLR, Timisoara 2023
12. Invited Speaker Houston, May 2023
13. Co chair oral session ECCMID Copenhagen, April 2023
14. Invited speaker Houston, 4.11.22. Resistance mechanisms against beta lactam antibiotics . Beta lactamases.
15. SRM 3-5 noiembrie 2022 presenting author 2 lucrari si co chair sesiune orala
16. Romanian railway Clinic Hospital Days, Iasi October 2022- 2 papers and oral session chair
17. UMF Carol Davila Bucharest Days, 10-12 November 2022
18. INTERNATIONAL GÖBEKLİTEPE SCIENTIFIC RESEARCH CONGRESS " Istanbul, 7-8 octombrie 2022  
Quinolone Resistance In Enterobacterales urinary Isolates In An Outpatient Clinic From North Eastern Romania "
19. 4. INTERNATIONAL GÖBEKLİTEPE SCIENTIFIC RESEARCH CONGRESS " Biopolymeric Materials With Citrus  
Essential Oils: Development, Testing And Benefits In Use"
20. World sepsis Congress, Belgrade, 12-14 September 2022
21. ISHM 15-8 sept 2022; co chair sesiune orala; 2 lucrari prezentate
22. 2022 speaker invitat Conferinta Contagio Agora Bolile Infecto contagioase in contextul migratiei accelerate, 3-4 iunie  
2022
23. 2021- Conference of the Railway Hospital Iasi, Romania- oral presentation, November 2021;
24. 2021- Conference of the Pneumology Hospital Iasi, Romania; September 2021; oral presentation
25. 2018- Suceava Medical Days
26. 2017- AMLR Congress Timisoara May 2017 two accepted papers
27. 2017- EHB Conference Sinaia 3 papers in the abstract volume book
28. 2016- invited lecturer at INSP Cuernavaca, Mexico September 2016 – group of pro. Jesus Silva Sanchez
29. AMLR Congress in Cluj, May 2016 –one oral presentation
30. 2015 -ECCMID (European Society of Clinical Microbiology and Infectious Diseases) Copenhagen
31. 2014- ECCMID Barcelona
32. 2013- ECCMID Berlin
33. 2013- Suceava Medical Days – oral session co-chair
34. 2012- ECCMID Londra 31.03- 3.04
35. 2012- Suceava Medical Days – oral communications co-chair
36. 2011- oral session co chair ECCMID Milan, May 2011
37. 2008: oral session coordinator ECCMID Barcelona, April
- 38. 2007: co-director of the ESCMID summer school- Suceava, Romania**
39. 2007- oral session coordinator at ECCMID Munich
40. 2006- oral session coordinator at ECCMID Nice
41. 2005- oral session coordinator at ECCMID Copenhagen
42. 2004- oral session coordinator at ECCMID Prague
43. 2003- oral session coordinator at ECCMID Glasgow
44. 2003- Faculty member at ESCMID summer school, Utrecht, Netherlands
45. 2002- Faculty member at ESCMID summer school, Lausanne

## FOREIGN LANGUAGES

Language	• Reading	English, French, Spanish – very well
	• Writing	English, French – very well
	• Conversation	English, French – very well; Spanish- satisfactory

**Date:**

11<sup>th</sup> July 2025

*Signature*