



Irina-Bianca Kosovski



● WORK EXPERIENCE

CLINICAL COUNTY EMERGENCY HOSPITAL OF TÂRGU MUREȘ – TÂRGU MUREȘ, ROMANIA

LABORATORY MEDICINE- RESIDENT DOCTOR – 01/01/2019 – 31/12/2022

- Knowledge of organizing and managing a medical analysis laboratory.
- Control and calibration of specific equipment in a precise and efficient manner.
- Ability to maintain and perform maintenance of equipment to ensure optimal equipment operation.
- Performing specific tests required within the laboratory.
- Interpretation of obtained results and identification of relevant connections in the clinical context.
- Ability to validate results and interpret them coherently and responsibly, ensuring the quality and accuracy of medical analyses.

MUREȘ COUNTY CLINICAL HOSPITAL – TÂRGU MUREȘ, ROMANIA

LABORATORY MEDICINE- SPECIALIST DOCTOR – 06/06/2023 – CURRENT

- Primary role: Responsible for analysis in the Immunology sector.
- Secondary role: Deputy Responsible for analysis in the Biochemistry sector.
- Experience in accurately performing, controlling, and calibrating laboratory equipment.
- Decision-making authority in the acceptance, identification, and processing of received biological samples.
- Ability to make responsible decisions in accepting and validating analysis results.
- Experience in managing and efficiently handling control materials, reference materials, and laboratory reagents.
- Responsible for drafting, updating, and implementing specific and general work procedures.
- Sector/analysis responsible for conducting RENAR accreditation inspections and ensuring compliance with standards.
- Ability to detect non-conformities and propose/implement effective corrective methods.
- Responsible for managing and administering the assets of subordinate sectors.
- Experience in supervising and organizing the activities of subordinate staff, including assistants and resident doctors.
- Responsible for communicating results and providing counseling to patients and medical staff in clinical departments, as needed.

● EDUCATION AND TRAINING

01/06/2008 – 16/07/2012 Botoșani, Romania

HIGH SCHOOL DIPLOMA Mihai Eminescu National College

01/10/2012 – 06/07/2018 Târgu Mureș, Romania

BACHELOR'S AND MASTER'S DEGREE - MEDICAL DOCTOR University of Medicine and Pharmacy of Târgu Mureș

11/11/2019 – 15/11/2019 București, Romania

GRADUATION CERTIFICATE The National Institute for Infectious Diseases Prof. Dr. Matei Balș

Competence and quality in priority medical services through the specific training of medical personnel in the field of infectious diseases.

Clinical internship: Practical applications of molecular diagnostic methods.

04/03/2020 – 08/03/2020 București, Romania

GRADUATION CERTIFICATE The National Institute of Endocrinology 'C.I. Parhon

Increasing the professional competence of specialists in the medical sector in implementing national programs in the field of Endocrinology and Diabetes Mellitus – ENDODIAB.

31/05/2019 – 09/06/2019 Târgu Mureș, Romania

GRADUATION CERTIFICATE Craiova County Emergency Clinical Hospital

Improving the professional competencies of medical personnel involved in providing medical care in specialties relevant to the multidisciplinary management of rare genetic diseases – PROGENERARE.

01/10/2019 – 25/10/2024 Târgu Mureș, Romania

PHD Institute of Advanced Studies for Doctoral Studies, "G.E. Palade" UMPHST Târgu Mureș

Level in EQF EQF level 8

01/10/2019 – CURRENT Târgu Mureș, Romania

ASSISTANT PROFESSOR AT THE DEPARTMENT OF PATHOPHYSIOLOGY TEACHING PATHOPHYSIOLOGY AND PHYSIOLOGY SUBJECTS George Emil Palade University of Medicine, Pharmacy, Sciences, and Technology, Târgu Mureș

Teaching activity in the following programs: Medicine in English (Pathophysiology and Physiology), General Medicine (Pathophysiology), Dental Medicine (Pathophysiology), General Nursing (Pathophysiology), and Balneokinetophysiotherapy (Pathophysiology).

01/10/2020 – CURRENT Hamburg, Germany

ASSISTANT PROFESSOR AT THE DEPARTMENT OF PATHOPHYSIOLOGY TEACHING PATHOPHYSIOLOGY AND PHYSIOLOGY SUBJECTS University Targu Mures Medical Campus Hamburg

Teaching activity in the Medicine program (Pathophysiology and Physiology).

01/01/2021 – CURRENT

MEMBER OF THE EUROPEAN FEDERATION OF CLINICAL CHEMISTRY AND LABORATORY MEDICINE (EFLM)

Website <https://www.eflm.eu/>

01/01/2019 – CURRENT Romania

MEMBER OF THE ROMANIAN ASSOCIATION OF LABORATORY MEDICINE

Website <https://amlr.ro/>

19/07/2023 – 21/07/2023

AUDITOR OF THE QUALITY MANAGEMENT SYSTEM FOR LABORATORIES ACCORDING TO SR EN ISO 19011:2018, SR EN ISO 15189:2023, AND SR EN ISO/IEC 17025:2018 Tüv Thüringen Karpát

- The requirements of SR EN ISO/IEC 17025:2018 (impartiality, confidentiality, risk-based thinking, metrological traceability, sampling, validation, etc.).
- Comparative discussion of the main processes addressed in SR EN ISO/IEC 17025:2018 and SR EN ISO 15189:2023, as well as SR EN ISO 15189:2012 - SR EN ISO 15189:2023, detailing the specific domain of medical laboratories.
- SR EN ISO 19011:2018: Auditing Management Systems - an overview.
- Requirements regarding auditing: process-based approach based on the PDCA cycle, according to SR EN ISO 19011:2018, audit objectives, audit program, implementation, and monitoring of the audit program, analysis, and improvement of the audit program.
- Conducting the audit. Audit techniques and practices. Non-conformities: identification, classification, and treatment. Audit conclusions.

13/02/2023 Romania

CERTIFICATE IN LABORATORY MEDICINE AS SPECIALIST DOCTOR Ministry of Health, Romania

2021 – 2022 Sibiu, Romania

PSYCHO-PEDAGOGICAL TRAINING PROGRAM LEVEL 1 Lucian Blaga University of Sibiu, Faculty of Social and Human Sciences

- Pedagogy I: Fundamentals of Pedagogy, Theory and Methodology of Curriculum Development
- Pedagogy II: Theory and Methodology of Instruction, Theory and Methodology of Assessment
- Educational Psychology
- Specialty Didactics
- Computer-Assisted Instruction
- Classroom Management
- Pedagogical Practice in Compulsory Pre-University Education

2022 – 2023 Sibiu, Romania

PSYCHO-PEDAGOGICAL TRAINING PROGRAM LEVEL 2 Lucian Blaga University of Sibiu, Faculty of Social and Human Sciences

- Educational Communication
- Teaching in the Field and Development
- Psycho-pedagogy of Adolescents, Youth, and Adults
- Intercultural Education
- Designing and Managing Educational Programs
- Mandatory Pedagogical Practice in Higher Education

04/2023 – 07/2023 Târgu Mureș, Romania

NEW TEACHING AND ASSESSMENT TECHNIQUES IN MEDICAL-PHARMACEUTICAL DISCIPLINES George Emil Palade University of Medicine, Pharmacy, Sciences, and Technology, Târgu Mureș

- M1 - Didactics of Medical-Pharmaceutical Disciplines (DMFD)
- M2 - SMART LEARNING and e-LEARNING: Objective-Based Learning (SMART)
- M3 - TEAM BASED LEARNING: Learning through Teamwork (TBL)
- M4 - PROBLEM-BASED LEARNING: Learning through Problem-Solving (PBL)
- M5 - CASE BASED LEARNING: Learning through Case Studies (CBL)
- M6 - Assessment in Medical-Pharmaceutical Disciplines (AMFD)

16/09/2024 – CURRENT Targu Mures, Romania

MASTER OF HEALTH SERVICES MANAGEMENT George Emil Palade University of Medicine, Pharmacy, Sciences, and Technology, Târgu Mureș

● **LANGUAGE SKILLS**

○ Mother tongue(s): **ROMANIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B2	B2	B2	B2	B2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user

● **PUBLICATIONS**

2020

Candida and Candidiasis—Opportunism Versus Pathogenicity: A Review of the Virulence Traits

Ciurea, C. N., Kosovski, I. B., Mare, A. D., Toma, F., Pinte-Simon, I. A., & Man, A. (2020). Candida and candidiasis—opportunism versus pathogenicity: a review of the virulence traits. *Microorganisms*, 8(6), 857.

2021

Candida spp. in Lower Respiratory Tract Secretions – A Ten Years Retrospective Study

Ciurea, C. N., Santini, A., Mare, A. D., Kosovski, I. B., Toma, F., Vintila, C., ... & Man, A. (2021). . in Lower Respiratory Tract Secretions–A Ten Years Retrospective Study. The Journal of Critical Care Medicine, 7(3), 217-226.

2023

Correlation between CT Abdominal Anthropometric Measurements and Liver Density in Individuals with Non-Alcoholic Fatty Liver Disease

Cucoranu, D. C., Pop, M., Niculescu, R., Vunvulea, V., Kosovski, I. B., Togănel, R. O., ... & Bacărea, A. (2023). Correlation between CT Abdominal Anthropometric Measurements and Liver Density in Individuals with Non-Alcoholic Fatty Liver Disease. Medicina, 59(3), 500.

2021

Candida auris and other phylogenetically related species – a mini-review of the literature

Ciurea, C. N., Mare, A. D., Kosovski, I. B., Toma, F., Vintilă, C., & Man, A. (2021). Candida auris and other phylogenetically related species–a mini-review of the literature. Germs, 11(3), 441.

2023

The Association of Nonalcoholic Fatty Liver Disease With Neutrophil-to-Lymphocyte Ratio and Neutrophil-Percentage-to-Albumin Ratio

Cucoranu, D. C., Pop, M., Niculescu, R., Kosovski, I. B., Toganel, R. O., Licu, R. A., & Bacărea, A. (2023). The Association of Nonalcoholic Fatty Liver Disease With Neutrophil-to-Lymphocyte Ratio and Neutrophil-Percentage-to-Albumin Ratio. Cureus, 15(6).

2021

Mediation of Candida species growth and virulence by the proinflammatory cytokine IL-6

Ciurea, C. N., Kosovski, I. B., Toma, F., Mareş, M., Tudor, B., & Man, A. (2021). Mediation of species growth and virulence by the proinflammatory cytokine IL-6. Acta Marisiensis-Seria Medica, 67(4), 204-209.

Blood biomarkers in clinical outcome prediction of congenital heart disease patients with consideration for pulmonary valve replacement

Kainlauri, M. M., & Kosovski, I. B. (2023). Blood biomarkers in clinical outcome prediction of congenital heart disease patients with consideration for pulmonary valve replacement. Acta Marisiensis-Seria Medica, 69(1).

2019

Biochemical Changes Occuring in Neonates with Sepsis

Kosovski, I. B., Ghiga, D. V., Ciurea, C. N., & Bacărea, A. (2019). Biochemical Changes Occuring in Neonates with Sepsis. Acta Biologica Marisiensis, 2(1), 30-37.

2019

The Association between Various Lifestyle Patterns and the Body Mass Index in Adolescents

Kosovski, I. B., Ghiga, D. V., Tarcea, M., Ciurea, C. N., Savin, A. I., & Bacărea, A. (2019). The Association between Various Lifestyle Patterns and the Body Mass Index in Adolescents. Acta Marisiensis-Seria Medica, 65(3), 111-115.

2019

ATYPICAL ONSET OF ACUTE LYMPHOBLASTIC LEUKEMIA.

Kosovski, I. B., & Bacărea, A. (2019). ATYPICAL ONSET OF ACUTE LYMPHOBLASTIC LEUKEMIA. Acta Medica Marisiensis, 65.

2019

LIFESTYLE AND RISKY BEHAVIORS AT ADOLESCENTS.

Kosovski, I. B., & Bacărea, A. (2019). LIFESTYLE AND RISKY BEHAVIORS AT ADOLESCENTS. Acta Medica Marisiensis, 65.

2020

A CONCORDANCE STUDY BETWEEN VITEK 2C COMPACT, CANDIDA SELECTIVE CHROMOGEN AGAR AND PCR IDENTIFICATION OF CANDIDA SPP

Cristina Nicoleta Ciurea, Edit Szekeley, Ionela-Anca Pinteas-Simon, Anca Mare, Irina-Bianca Kosovski, Valeriu Moldovan, Adrian Man. Revista Română de Medicină de Laborator Supliment 1 la Vol. 28, Nr. 4, Octombrie, 2020.

2023

Emotional Eating Sustainability in Romania—A Questionnaire-Based Study

Bacărea, Anca, Vladimir Constantin Bacărea, Florin Buicu, Călin Crăciun, Bianca Kosovski, Raquel Guiné, and Monica Tarcea. 2023. "Emotional Eating Sustainability in Romania—A Questionnaire-Based Study" Sustainability 15, no. 4: 2895. <https://doi.org/10.3390/su15042895>

2020

Genitourinary Bacterial Infection: a Cause of Infertility in Men? A Cases Series and Short Review of Literature

Coşeriu, R. L., Vintilă, C., Kosovski, B. I., Mare, A. D., & Ciurea, C. N. (2020). Genitourinary Bacterial Infection: a Cause of Infertility in Men? A Cases Series and Short Review of Literature. Acta Marisiensis-Seria Medica, 66(3), 116-120.

2024

Exploring the Link between Inflammatory Biomarkers and Adipometrics in Healthy Young Adults Aged 20–35 Years

KOSOVSKI, Irina Bianca, et al. Nutrients, 2024, 16.2: 257.

2024

Evaluation of Fasting Glucose-Insulin-C-Peptide-Derived Metabolic Indices for Identifying Metabolic Syndrome in Young, Healthy Adults

Write here the description...

Kosovski, I. B., Ghiga, D., Ciurea, C. N., Cucoranu, D. C., Demian, L., Gliga, F. I., & Bacărea, A. (2024). Nutrients, 16(13), 2135.

2024

Characterizing Human Peripheral Blood Lymphocyte Phenotypes and Their Correlations with Body Composition in Normal-Weight, Overweight, and Obese Healthy Young Adults.

Kosovski, I. B., Ciurea, C. N., Ghiga, D., Ciurea, N. A., Huţanu, A., Gliga, F. I., & Bacărea, A. (2024). Medicina, 60(9), 1523.

2024

Update on biomarkers of chronic inflammatory processes underlying diabetic neuropathy

Stoian, A., Muntean, C., Babă, D. F., Manea, A., Dénes, L., Simon-Szabó, Z., Kosovski, I.B., ... & Stoian, M. (2024). International Journal of Molecular Sciences, 25(19), 10395.

2024

The influence of farnesol and tyrosol on Candida spp. virulence traits

Cristina Nicoleta Ciurea, Anca Delia Mare², Mihai Mareş, Felicia Toma, Irina-Bianca Kosovski, Anca Cighir, Adrian Man. GERMS (2024), 14(4).

2025

Hormones, Age, and Erectile Dysfunction: Should Routine Testing Be Part of the Initial Evaluation?

Porav-Hodade, D., Gherasim, R. D., Kosovski, I. B., Voidazan, T. S., Crisan, N., Bogdan, P., ... & Todea-Moga, C. (2025). Hormones, Age, and Erectile Dysfunction: Should Routine Testing Be Part of the Initial Evaluation?. *Diagnostics*, 15(3), 294.

● **DRIVING LICENCE**

Driving Licence: AM

Driving Licence: B1

Driving Licence: B

● **CONFERENCES & SEMINARS**

05/06/2019 – 07/06/2019 Iași

The 3rd Conference of the Romanian Laboratory Medicine Association

03/05/2018 – 06/05/2019 Sibiu

The 11th edition of the Asklepios International Congress for medical students and young physicians

Evaluation of obesogenic risk factors frequency in Târgu Mureș city students - Second prize

04/09/2019 – 07/09/2019 Târgu Mureș

The 11th National Conference with International Participation of the Romanian Society of Pathophysiology

Poster prim autor:

-Atypical onset of Acute Lymphoblastic Leukemia

-Lifestyle and risky behaviours at adolescents

25/06/2020 – 27/06/2020 Online

The 8th Conference of the Bucharest Municipality Medical College

13/03/2023 – 14/03/2023

Seminar-training of IAAR STANDARDS AND GUIDELINES FOR INTERNATIONAL INITIAL ACCREDITATION OF BASIC MEDICAL AND PHARMACEUTICAL EDUCATION PROGRAMMES (BASED ON WFME/ AMSE/ ESG)

IAAR is registered in the European Quality Assurance Register for Higher Education EQAR and is a full member of the European Association for Quality Assurance in Higher Education ENQA.

Link <https://iaar.agency/iaar/nezavisimoe-agentstvo-akkreditacii-i-rejtinga/en>

24/05/2021 – 29/05/2021 Online meeting hosted from Geneva

CME/CPD Certificate of The 39th Annual Meeting of the European Society for Paediatric Infectious Diseases

11/12/2023 – 15/12/2023 Târgu Mureș

International Conference of PhD Students and Young Doctors

Presentation: EXPLORING THE LINK: INFLAMMATORY BIOMARKERS IL-6, TNF-alpha, IFN-gamma, HSCRP, AND WBC IN HEALTHY YOUNG ADULTS AND THEIR ASSOCIATION WITH ANTHROPOMETRIC INDICES OF ADIPOSE TISSUE

● **PROJECTS**

01/01/2022 – CURRENT

RESEARCH GRANT UMFST George Emil Palade - Metabolic and Immunological Changes Associated with Overweight and Obesity in Adults Aged 20-35 Years.

Project Director - Assistant Professor Dr. Irina-Bianca Kosovski

Postgraduate Course - Pathophysiology of Diabetes Mellitus and its Complications, Multidisciplinary Approach

Coordinator:
Conf. dr. Stoian Adina

Collaborators:
Prof. dr. Bălașa Rodica
Prof. dr. Bacărea Anca
Prof. dr. Cotoi Ovidiu
Conf. dr. Moțățăianu Anca
Conf. dr. Bajko Zoltán
Conf. dr. Nemes-Nagy Enikő
Conf. dr. Cernea Simona
Conf. dr. Muntean Carmen
Conf. dr. Horvath Karin
Şef I. dr. Budin Corina
Şef I. dr. Vultur Corina
Şef I. dr. Gliga Florina
Şef I. dr. Farr Ana-Maria

Asist. univ. drd. Kosovski Irina- Bianca

Asist. univ. dr. Russu Eliza
Asist. univ. dr. Grama Alina
Asist. univ. dr. Simon-Szabo
Zsuzsánna
Asist. univ. drd. Mareş Răzvan

● **COMMUNICATION AND INTERPERSONAL SKILLS**

Communication and Interpersonal Skills

- Verbal Communication: The ability to communicate ideas, information, and instructions clearly and coherently using appropriate words and language tailored to the audience.
- Written Communication: The capacity to draft documents, emails, or reports in a clear, precise, and professional style.
- Active Listening: The ability to listen attentively and truly understand others' perspectives during discussions or meetings.
- Empathy: The capacity to understand and respond to others' emotions and needs, demonstrating sensitivity and understanding.
- Teamwork: The ability to collaborate with colleagues to achieve common goals, contributing to a positive and productive work environment.
- Conflict Management: The ability to handle conflicts diplomatically and tactfully, seeking constructive solutions and efficiently resolving issues.
- Presentation and Public Speaking: The skill to deliver presentations in front of an audience or colleagues, communicating persuasively and engagingly.
- Intercultural Relations: The capability to communicate and work effectively with individuals from different cultures or backgrounds (evidenced by experience in the academic environment where I teach English Medicine and at the Faculty in Hamburg).
- Diplomacy: The skill to address delicate situations with tact and wisdom, maintaining professional and respectful communication.

● **ORGANISATIONAL SKILLS**

Organizational Skills

- Planning and Time Management: The ability to set priorities, organize activities, and successfully manage deadlines.
- Project Coordination: The capacity to organize and supervise projects, ensuring that all stages are efficiently completed.
- Resource Management: The ability to allocate resources (time, money, personnel) effectively to achieve established objectives.
- Event Planning: Experience in organizing and coordinating events such as conferences, meetings, or social activities.
- Leadership: The capacity to guide and motivate team members, ensuring that each fulfills their tasks and contributes to achieving common objectives.
- Effective Communication: The ability to communicate clearly and concisely, both in writing and verbally, to ensure good coordination and cooperation among team members.

- Problem Solving: The capacity to identify and efficiently address problems and obstacles that may arise within projects or activities.
- Adaptability: The ability to adapt to changes and adjust plans according to new conditions or requirements.
- Data Analysis: The ability to collect and analyze relevant data to make informed decisions and evaluate project performance.
- Interpersonal Relationships: The ability to build trusting relationships with colleagues, clients, or business partners, thus facilitating collaboration and effective communication.