



CURRICULUM VITAE

Personal details:

Name, Surname: **Irina-Bianca Kosovski**

Academic Title: **Lecturer**

Department: **Pathophysiology/ME1**

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Areas of interest (maximum 5 domains):

- The role of excess adipose tissue in chronic low-grade systemic inflammation.
- The study of excess adipose tissue in metabolic alterations contributing to the development of non-communicable chronic diseases and neoplasms, studied in apparently healthy young adults.
- The distribution of leukocyte populations in peripheral blood, phenotypic expression of lymphocyte subtypes, and their correlations with anthropometric indices.
- Hematological and immunological changes associated with overweight and obesity in young healthy adults.

Research activity:

1. Research projects (maximum 3 projects)

- Metabolic and immunological changes associated with overweight and obesity in adults aged 20-30 years- project director of **Individual Internal Research Grant**
- The multidisciplinary approach to intrauterine growth restriction through antenatal ultrasound, morphopathological study of the placenta, biochemical and immunological markers, and neonatal period echocardiography- member of the **Collective Research Grant**
- Clinical outcome prediction by congenital heart disease patients' blood biomarkers: consideration for pulmonary valve replacement- coordinator of **Junior Research Academy Grant**





2. Articles published in extenso (maximum 5 articles)

- **Kosovski, I. B.**, Bacârea, V., Ghiga, D., Ciurea, C. N., Cucoranu, D. C., Hutanu, A., & Bacârea, A. (2024). Exploring the Link between Inflammatory Biomarkers and Adipometrics in Healthy Young Adults Aged 20–35 Years. *Nutrients*, 16(2), 257.
- **Kosovski, I. B.**, Ghiga, D., Ciurea, C. N., Cucoranu, D. C., Demian, L., Gliga, F. I., & Bacârea, A. (2024). Evaluation of Fasting Glucose-Insulin-C-Peptide-Derived Metabolic Indices for Identifying Metabolic Syndrome in Young, Healthy Adults. *Nutrients*, 16(13), 2135.
- **Kosovski, I. B.**, Ciurea, C. N., Ghiga, D., Ciurea, N. A., Huțanu, A., Gliga, F. I., & Bacârea, A. (2024). Characterizing Human Peripheral Blood Lymphocyte Phenotypes and Their Correlations with Body Composition in Normal-Weight, Overweight, and Obese Healthy Young Adults. *Medicina*, 60(9), 1523.
- Stoian, A., Muntean, C., Babă, D. F., Manea, A., Dénes, L., Simon-Szabó, Z., **Kosovski, I.B.**, ... & Stoian, M. (2024). Update on biomarkers of chronic inflammatory processes underlying diabetic neuropathy. *International Journal of Molecular Sciences*, 25(19), 10395.
- Bacârea, A., Bacârea, V. C., Buicu, F., Crăciun, C., **Kosovski, B.**, Guiné, R., & Tarcea, M. (2023). Emotional Eating Sustainability in Romania—A Questionnaire-Based Study. *Sustainability*, 15(4), 2895.

