

**INFORMAȚII PERSONALE**

Balint Lavinia


**LOCUL DE MUNCA/DOMENIUL OCUPAȚIONAL**

Medic rezident Nefrologie – Spitalul Clinic Județean de Urgență „Pius Brînzeu” – Timișoara, România

**EXPERIENȚA PROFESIONALĂ**

Ianuarie 2019 – Prezent

**Medic rezident Nefrologie**

Spitalul Clinic Județean de Urgență „Pius Brînzeu” – blv. Liviu Rebreanu, nr. 156, cod postal: 200756, Timișoara, jud. Timiș

Februarie 2016 – Mai 2016

**Ghid**

Expoziția “Our Body” – Universul Interior

**EDUCAȚIE ȘI FORMARE**

2008-2012

**Diplomă de Bacalaureat**

Colegiul Național “Elena Ghiba-Birta” – Arad

▪ Profil: Matematică-Informatică, intensiv Informatică

2012-2018

**Diplomă de licență: Provocări în terapia bolii Parkinson în stadii avansate**

Universitatea de Medicină și Farmacie “Victor Babeș” Timișoara

Specialitate: Medicină Generală

2020 - Prezent

**Student Doctorand**

Universitatea de Medicină și Farmacie “Victor Babeș” Timișoara

Domeniul: Medicină Generală

**COMPETENTE PERSONALE**
**Limba maternă**

Română

**Alte limbi străine cunoscute**

INTELEGERE		VORBIRE		SCRIERE
Ascultare	Citire	Participare la conversație	Discurs oral	

Limba engleza	B2	C1	C1	C1	B2
Limba spaniola	B2	A2	A2	A2	A1

### Competențe digitale

AUTOEVALUARE				
Procesarea informației	Comunicare	Creare de conținut	Securitate	
Utilizator independent	Utilizator elementar	Utilizator independent	Utilizator elementar	

### Alte competențe

- Munca în echipă, gândire analitică, rezolvarea problemelor, atenție la detalii.

### Permis de conducere

- Categoria B

## INFORMATII SUPLIMENTARE

### Publicații

1. Pătruică, MR., Gădălean, F., Vlad, A., Sturza, A., Jianu, D. C., **Balint, L.**, Ienciu, S., Petrica, L., Muntean, D. M., & Socaciu, C. (2021). Metabolomics in Chronic Kidney Diseases: Here to Stay. *Timisoara Medical Journal*, 2020(2), 1. <https://doi.org/10.35995/tmj20200208>
2. Petrica, L., Hoge, E., Gadalean, F., Vlad, A., Vlad, M., Dumitrascu, V., Velciov, S., Gluhovschi, C., Bob, F., Ursoniu, S., Jianu, D. C., Matusz, P., Pusztai, A. M., Motoc, A., Cretu, O. M., Radu, D., Milas, O., ... **Balint, L.**, Popescu, R. (2021). Long noncoding RNAs may impact podocytes and proximal tubule function through modulating mirnas expression in early diabetic kidney disease of type 2 diabetes mellitus patients. *International Journal of Medical Sciences*, 18(10), 2093–2101. <https://doi.org/10.7150/ijms.56551> (IF 3.69)
3. Patruică, M., Bina, A., Avram, V., Vlad, A., **Balint L.**, Ienciu, S., Socaciu, C., Petrica, L., Muntean, D., Impairment of Platelet Mitochondrial respiration in Patients with Non-Diabetic Chronic Kidney Disease: a Pilot Study, at the 7<sup>th</sup> MEETING OF THE EUROPEAN SECTION AND 8<sup>th</sup> MEETING OF THE NORTH AMERICAN SECTION OF THE INTERNATIONAL ACADEMY OF CARDIO-VASCULAR SCIENCES, Banka Luka, 20-23 September 2021
4. Golea, AE., Gadalean, F., Vlad, A., Vlad, M., Victor, D., Vlad, D., Velciov, S., Cristina, G., Bob, F., Ursoniu, S., Jianu, C., Matusz, P., Pusztai, A., Andrei, M., Cretu, O., Milas, L. O., Simulescu, A., Maria, M.-S., **Balint, L.**, ... Petrica, L. (2021). MO635PRO-INFLAMMATORY CYTOKINES IL-6 AND IL-17 DISPLAY A PARTICULAR MOLECULAR PATTERN IN ASSOCIATION WITH DYSREGULATED MIRNAS IN PATIENTS WITH TYPE 2 DIABETES MELLITUS IN THE EARLY STAGES OF DIABETIC KIDNEY DISEASE. *Nephrology Dialysis Transplantation*, 36(Supplement\_1). <https://doi.org/10.1093/ndt/gfab094.003>
5. Suteanu-Simulescu, A., Ica, R., Sarbu, M., Munteanu, C., Gadalean, F., Vlad, A., Velciov, S., Anca Gluhovschi, C., Bob, F., Jianu, C., Cretu, O., Oana Milas, L., Mogos, M., Patruica, M., **Balint, L.**, Silvia, I., Diana Zamfir, A., & Petrica, L. (2022). MO635: Early Diabetic Kidney Disease in Type 2 Diabetes Mellitus Patients is

Associated with A Particular Ganglioside Profile, Identified by High-Resolution Tandem Mass Spectrometry: A Pilot Study. *Nephrology Dialysis Transplantation*, 37(Supplement\_3). <https://doi.org/10.1093/ndt/gfac076.028>

6. **Balint, L.**, Socaciu, C., Socaciu, A. I., Vlad, A., Gadalean, F., Bob, F., Milas, O., Cretu, O. M., Suteanu-Simulescu, A., Glavan, M., Ienciu, S., Mogos, M., Jianu, D. C., & Petrica, L. (2023a). Metabolite Profiling of the Gut–Renal–Cerebral Axis Reveals a Particular Pattern in Early Diabetic Kidney Disease in T2DM Patients. *International Journal of Molecular Sciences*, 24(7), 6212. <https://doi.org/10.3390/ijms24076212> (IF 5.6)
7. Glavan, M. R., Socaciu, C., Socaciu, A. I., Gadalean, F., Cretu, O. M., Vlad, A., Muntean, D. M., Bob, F., Milas, O., Suteanu, A., Jianu, D. C., Stefan, M., **Balint, L.**, Ienciu, S., & Petrica, L. (2023). Untargeted Metabolomics by Ultra-High-Performance Liquid Chromatography Coupled with Electrospray Ionization-Quadrupole-Time of Flight-Mass Spectrometry Analysis Identifies a Specific Metabolomic Profile in Patients with Early Chronic Kidney Disease. *Biomedicines*, 11(4). <https://doi.org/10.3390/biomedicines11041057> (IF 4.7)
8. Mogos, M., Socaciu, C., Socaciu, A. I., Vlad, A., Gadalean, F., Bob, F., Milas, O., Cretu, O. M., Suteanu-Simulescu, A., Glavan, M., Ienciu, S., **Balint, L.**, Jianu, D. C., & Petrica, L. (2023). Metabolomic Investigation of Blood and Urinary Amino Acids and Derivatives in Patients with Type 2 Diabetes Mellitus and Early Diabetic Kidney Disease. *Biomedicines*, 11(6), 1527. <https://doi.org/10.3390/biomedicines11061527> (IF 4.7)
9. Petrica, L., Vlad, A., Gadalean, F., Muntean, D. M., Vlad, D., Dumitrascu, V., Bob, F., Milas, O., Suteanu-Simulescu, A., Glavan, M., Jianu, D. C., Ursoniu, S., **Balint, L.**, Mogos-Stefan, M., Ienciu, S., Cretu, O. M., & Popescu, R. (2023). Mitochondrial DNA Changes in Blood and Urine Display a Specific Signature in Relation to Inflammation in Normoalbuminuric Diabetic Kidney Disease in Type 2 Diabetes Mellitus Patients. *International Journal of Molecular Sciences*, 24(12), 9803. <https://doi.org/10.3390/ijms24129803> (IF 5.6)
10. **Balint, L.**, Socaciu, C., Socaciu, A., Vlad, A., Gadalean, F., Bob, F., Milas, L. O., Suteanu-Simulescu, A., Glavan, M., Ienciu, S., Cretu, O., Mogos, M., Jianu, D., & Petrica, L. (2023). #4941 A METABOLOMIC FINGERPRINT PERSPECTIVE OF GUT-DERIVED METABOLITES ON EARLY DIABETIC KIDNEY DISEASE IN TYPE 2 DIABETES MELLITUS PATIENTS. *Nephrology Dialysis Transplantation*, 38(Supplement\_1). [https://doi.org/10.1093/ndt/gfad063c\\_4941](https://doi.org/10.1093/ndt/gfad063c_4941)
11. Glavan, M., Gadalean, F., Socaciu, C., Socaciu, A., Cretu, O., Vlad, A., Muntean, D., Bob, F., Milas, L. O., Suteanu-Simulescu, A., Jianu, D., **Balint, L.**, Mogos, M., Ienciu, S., & Petrica, L. (2023). #5040 UNTARGETED METABOLOMIC ANALYSIS IDENTIFIES A SPECIFIC METABOLOMIC PROFILE IN PATIENTS WITH EARLY CHRONIC KIDNEY DISEASE. *Nephrology Dialysis Transplantation*, 38(Supplement\_1). [https://doi.org/10.1093/ndt/gfad063c\\_5040](https://doi.org/10.1093/ndt/gfad063c_5040)
12. Mogos, M., Socaciu, C., Socaciu, A., Vlad, A., Gadalean, F., Bob, F., Milas, L. O., Cretu, O., Suteanu-Simulescu, A., Glavan, M., **Balint, L.**, Silvia, I., Jianu, C., & Petrica, L. (2023). #5736 IDENTIFICATION AND CHARACTERIZATION OF URINARY AND SERUM AMINOACIDS IN DIABETIC KIDNEY DISEASE PATIENTS USING MS-HPLC. *Nephrology Dialysis Transplantation*, 38(Supplement\_1). [https://doi.org/10.1093/ndt/gfad063c\\_5736](https://doi.org/10.1093/ndt/gfad063c_5736)
13. Petrica, L., Vlad, A., Gadalean, F., Muntean, D., Vlad, D., Dumitrascu, V., Bob, F., Milas, L. O., Suteanu-Simulescu, A., Glavan, M., Jianu, C., Ursoniu, S., **Balint L.**, Mogos, M., Ienciu, S., Cretu, O., & Popescu, R. (2023). #2853 MITOCHONDRIAL DNA DEREGULATED PATTERN PARALLELS INFLAMMATION IN EARLY DIABETIC KIDNEY DISEASE OF TYPE 2 DIABETES MELLITUS PATIENTS.

14. **Balint, L.**, Socaciu, C., Socaciu, A. I., Vlad, A., Gadalean, F., Bob, F., Milas, O., Cretu, O. M., Suteanu-Simulescu, A., Glavan, M., Ienciu, S., Mogos, M., Jianu, D. C., & Petrica, L. (2023b). Quantitative, Targeted Analysis of Gut Microbiota Derived Metabolites Provides Novel Biomarkers of Early Diabetic Kidney Disease in Type 2 Diabetes Mellitus Patients. *Biomolecules*, 13(7), 1086. <https://doi.org/10.3390/biom13071086> (IF 5.5)
15. **Balint, L.**, Socaciu, C., Socaciu, A. I., Vlad, A., Gadalean, F., Bob, F., Milas, O., Cretu, O. M., Suteanu-Simulescu, A., Glavan, M., Ienciu, S., Mogos, M., Jianu, D. C., Ursoniu, S., Dumitrascu, V., Vlad, D., Popescu, R., & Petrica, L. (2023). Metabolites Potentially Derived from Gut Microbiota Associated with Podocyte, Proximal Tubule, and Renal and Cerebrovascular Endothelial Damage in Early Diabetic Kidney Disease in T2DM Patients. *Metabolites*, 13(8), 893. <https://doi.org/10.3390/metabo13080893> (IF 4.1)

#### Peer Review

Sage Open Medicine Journal  
 August 2023

#### Conferințe

2016 - Conferința de Medicină Integrativă - MedIntegra, Timișoara, România  
 Participant

2017 - NeuroGROW - Heart Timișoara, România  
 Participant

2019 - Al 16-lea Congres Român de Flebologie, Timișoara, România  
 Participant

2022 – A 7-a Conferință NefroCardia, Timișoara, România  
 Participant

2023 - 60<sup>th</sup> ERA Congress, Milano, Italia  
 Prezentare abstract acceptat