**LISTA COMPLETĂ A LUCRĂRILOR**

**BALINT LAVINIA**

**LISTA CELOR MAI RELEVANTE LUCRĂRI**

**ARTICOLE COTATE ISI CU FACTOR DE IMPACT**

1. Petrica, L.; Gadalean, F.; Muntean, D.M.; Jianu, D.C.; Vlad, D.; Dumitrascu, V.; Bob, F.; Milas, O.; Suteanu-Simulescu, A.; Glavan, M.; Ursoniu, S.; **Balint, L.,** et al. Mitochondrial DNA and Inflammation Are Associated with Cerebral Vessel Remodeling and Early Diabetic Kidney Disease in Patients with Type 2 Diabetes Mellitus. Biomolecules **2024**, 14, 499. <https://doi.org/10.3390/biom14040499>
2. **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* **2023,** *13*(8), 893. <https://doi.org/10.3390/metabo13080893> (IF 4.1)
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5. 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* **2023**, *24*(12), 9803. https://doi.org/10.3390/ijms24129803 (IF 5.6)
6. 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* **2023,** *11*(4). <https://doi.org/10.3390/biomedicines11041057> (IF 4.7)
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8. Petrica, L., Hogea, 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)

**TEZA DE DOCTORAT**

* + - 1. **Balint Lavinia** – Identification and characterization of gut derived metabolites in Diabetic Kidney Disease and their relationship with podocyte, proximal tubule and renal and cerebrovascular endothelial markers. A study realized by ultra-high-performance liquid chromatography coupled with electrospray ionization quadrupole-time of flight-mass spectrometry, Victor Babes University of Medicine and Pharmacy from Timisoara, Faculty of Medicine, Department of Nephrology, 2023 – Scientific coordinator Prof Ligia Petrica, MD, PhD, Habil dr.

**LUCRĂRI PUBLICATE IN REZUMAT**

* + - 1. **Balint, L.,** Socaciu, S., Socaciu, A., Vlad, A., Gadalean, F., Bob, F., Suteanu-Simulescu, A., Glavan, M., Ienciu, S., Mogos, M., Iancu, L., Petrica, L. #1554 The association between gut-derived metabolites and biomarkers of renal and cerebro-vascular damage in type 2 diabetes mellitus patients, Nephrology Dialysis Transplantation, Volume 39, Issue Supplement\_1, May 2024, gfae069–1058–1554, <https://doi.org/10.1093/ndt/gfae069.1058>
      2. Suteanu-Simulescu, A., Zamfir, A.D., Sarbu, M., Ica, R., Gadalean, F., Vlad, A., Bob, F., Glavan, M., **Balint, L.**, Ienciu, S., Iancu, L., Petrica, L. #1669 Gangliosides as biomarkers for early diagnosis of diabetic kidney disease: detection and characterization by high-performance mass spectrometry, Nephrology Dialysis Transplantation, Volume 39, Issue Supplement\_1, May 2024, gfae069–1055–1669, <https://doi.org/10.1093/ndt/gfae069.1055>
      3. Milas O., Petrica, L., Gadalean, F., Popescu, R., Vlad, D., Marian, C., Bob, F., Suteanu-Simulescu, A., Mogos, M., Glavan, M., Ienciu, S., **Balint, L**.#1831 Circulating MiRNA 195-5p may be associated with early renal impairment in patients with prediabetes, Nephrology Dialysis Transplantation, Volume 39, Issue Supplement\_1, May 2024, gfae069–1752–1831, <https://doi.org/10.1093/ndt/gfae069.1752>
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      5. Gadalean, F., Milas, O., Suteanu-Simulescu A., Glavan M., Ienciu S., Mogos M., **Balint L.**, Kigyosi, R., Gluhovschi, C., Bob, F., Schiller, A., Petrica, L., #1858 Delirium among patients admitted to a Nephrology ward-risk factors and association with short-term outcomes: an observational prospective cohort study. Nephrology Dialysis Transplantation, Volume 39, Issue Supplement\_1, May 2024, gfae069–1782–1858, <https://doi.org/10.1093/ndt/gfae069.1782>
      6. **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>
      7. 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>
      8. 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>
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