

## **LISTA**

### **lucrărilor științifice în domeniul disciplinelor din postul didactic**

#### **A. Teza de doctorat**

Pircalabioru Gratiela: Role of NADPH oxidases in gut mucosal immunity, coordonator Prof. Ulla Knaus (Conway Institute, University College Dublin), Viva 18 August 2015, Conferire Titlu Doctor in Biologie - 1 Decembrie 2015.

#### **B. Cărți si capitole în cărți publicate în ultimii 10 anii**

1. **Gratiela G Pircalabioru**, Ariana Picu, Laura Petcu, Marcela Popa, Mariana Carmen Chifiriuc- The Intricate Relationship between Diabetes, Diet and the Gut Microbiota- Pathophysiology-Altered Physiological States, 2018
2. Luminița Măruțescu, Mariana Carmen Chifiriuc, Carmen Postolache, **Gratiela G Pircalabioru**, Alexandra Boloca -Nanoparticles' toxicity for humans and environment, 2019, Nanomaterials for Drug Delivery and Therapy, William Andrew Publishing, pp 515-535
3. **Gratiela Gradisteanu Pircalabioru**, Coralia Bleotu, Carmen Curutiu, Grigore Mihaescu, Mariana-Carmen Chifiriuc Nanodrug delivery systems in cancer, William Andrew Publishing, pp 31-62
4. **Gratiela Gradisteanu Pircalabioru**, Octavian Savu, Grigore Mihaescu, Ovidiu Vrancianu, Mariana-Carmen Chifiriuc Dysbiosis, Tolerance, and Development of Autoimmune Diseases, IntechOpen, DOI: 10.5772/intechopen.104221

#### **C. Lucrări indexate ISI/BDI publicate în ultimii 10 anii**

1. Pircalabioru G, Liaw J, Gundogdu O, Corcionivoschi N, Ilie I, Oprea L, Musat M, Chifiriuc MC. Effects of the Lipid Profile, Type 2 Diabetes and Medication on the Metabolic Syndrome-Associated Gut Microbiome. *Int J Mol Sci.* 2022 Jul 6;23(14):7509. doi: 10.3390/ijms23147509. **FI=4.9**
2. Sîrbu AE, Gradisteanu Pircalabioru G, Deaconu DM, Andronic O, Gheorghe DC. The pediatric nasal microbiome and its role in chronic ENT disorders: a narrative review. *Front Immunol.* 2026 Jan 14;16:1699707. doi: 10.3389/fimmu.2025.1699707.
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#### **D. Lucrări publicate în ultimii 10 ani în reviste și volume de conferințe cu referenți (neindexate)**

##### **- Reviste**

1. Gradisteanu, Gratiela P.; Stoica, Roxana A.; Petcu, Laura; Picu, Ariana; Suceveanu, Adrian P.; Salmen, Teodor; Stefan, Diana S.; Serafinceanu, Cristian; Chifiriuc, Mariana Carmen; and Stoian, Anca P. (2019) "Microbiota signatures in type-2 diabetic patients with chronic kidney disease - A Pilot Study," Journal of Mind and Medical Sciences: Vol. 6 : Iss. 1 , Article 20. DOI: 10.22543/7674.61.P130136
2. Emilia Panus, Mariana Carmen Chifiriuc, Coralia Bleotu, Corneliu Ovidiu Vrancianu, Gratiela Gradisteanu, Natalia Rosoiu. Impact of Different Parameters upon the Production of Virulence Factors in Escherichia coli Strains Isolated from Marine Water. Biointerface Research in Applied Chemistry 2020, 10(6):7049 – 7060
3. Chifiriuc MC, Bleotu C, Pîrcălăbioru G, Israil AM, Dinu S, Rută SM, Grancea C, Lazăr V. Cytokine profiles of HeLa and human diploid cells induced by different fractions of Vibrio parahaemolyticus cultures exposed to stress conditions. Roum Arch Microbiol Immunol. 2010 Jul-Sep;69(3):164-72.
4. Iordache C, Oprea E, Bleotu C, Dumitrescu D, Pîrcălăbioru G, Bucur M, Larion C, Lixandru M, Israil AM, Lazăr V, Chifiriuc MC. The role of proteins expressed under the stress condition in virulence of some Vibrio strains. Roum Arch Microbiol Immunol. 2008 Jul-Dec;67(3-4):85-91.
121. Vîrâncianu CO, Pelcaru CF, Alistar A, Gheorghe I, Măruțescu L, Popa M, Czobor I, Grădișteanu G, Dobre EG, Chifiriuc MC. Escaping from ESKAPE. Clinical significance and antibiotic resistance mechanisms in acinetobacter baumannii: A review. Biointerface Research in Applied Chemistry 2020 Biointerface Research in Applied Chemistry 11(1):8190-8203 DOI:10.33263/BRIAC111.81908203
5. Grădișteanu Pîrcălăbioru G, Chifiriuc MC, Stoica RA, Suceveanu AR, Petcu L, Picu A, Ștefan SD, Serafinceanu C, Popovic DS, Pantea Stoian A. Sevelamer carbonate modulates the Nlrp3 and Nlrp6 inflammasome expression in patients with diabetic nephropathy Romanian archives of microbiology and immunology, Volume 80, Issue 2, pp. 107-115, April-June 2021

##### **- Selecție cu maximum 20 lucrări în volume de conferințe**

1. Mihaela Magdalena Mitache, Irina Alina Cucu , Oana Nicolescu , Cosmin Moldovan , Elena Rusu , Daniel Cochior, Adriana Pistol , Mihaela Leustean , Mariana-Carmen Chifiriuc, Grigore Mihaescu , Gratiela Gradisteanu Pircalaboru. 03143 -Seroprevalence of SARS-CoV-2 antibodies among the general population, ECCMID 2021
2. Gratiela Gradisteanu , Mariana-Carmen Chifiriuc , Octavian Savu , Marcela Popa, Luminita Marutescu. 00348 Gut microbiome profiles in type 2 diabetes patients after COVID-19, ECCMID 2022 **INTERDIAB2022 , Bucuresti Martie 2022**-Comparative analysis of the microbiota in type 1 and type 2 diabetes (Gratiela Gradisteanu Pircalaboru -prezentare orală)
3. **Congres Soc. Romana de Endocrinologie 19-24 iunie 2022**- Microbiomul in diabet si sindrom metabolic (Gratiela Gradisteanu Pircalaboru\*, Iuliana Ilie, Luciana Oprea, Madalina Musat, Mariana Carmen Chifiriuc)- prezentare orală
4. **Conferinta CEDA** (Central European Diabetes Association ), 23-25 iunie 2022, Viena, Austria – Microbiota and Diabetes A tightening connection –Anca Pantea Stoian& Gratiela Gradisteanu prezentare orală
5. **ECCMID2022, Lisabona, 23-26.04.2022**- Gut microbiome profiles in type 2 diabetes patients after COVID-19- Gratiela GRADISTEANU\* (1), Mariana-Carmen CHIFIRIUC (1), Octavian SAVU (2), Marcela POPA (1), Luminita MARUTESCU (1) - (1)Research Institute of University of Bucharest,Romania, (2)National Institute of Diabetes, Nutrition, and Metabolic Diseases “N.C. Paulescu”,Romania - prezentare orală
6. **International Society of Microbiota (ISM) Targeting Microbiota 2022 Congress, 19-21.10.2022, Paris, Franta - poster A FOCUS ON THE GUT-KIDNEY AXIS IN DIABETES - ROLE OF THE MICROBIOME** (Gratiela Gradisteanu Pircalaboru, Mariana-Carmen Chifiriuc, Octavian Savu)

7. **International Microbiome consortium 2024, Roma , Italia-** Unlocking the Microbial Mysteries: Exploring Gut Microbiota in Type 2 Diabetes and End-Stage Renal Disease Patients
8. **European Congress of Immunology 2024, Dublin, Irlanda-** The gut microbiome's hidden role in pediatric type 1 diabetes: uncovering critical links
9. **FENS webinar** - The microbiome, immunity, and neurodevelopment triologue, - from womb to adulthood , 21.10.2022 , prezentare orala Gratiela Gradisteanu
10. **OncoHub Conference 2025**, București, România – 27–29 noiembrie 2025 – oral presentation
11. **Conferința anuală de comunicare a rezultatelor cercetării la Universitatea din București** – 25–28 noiembrie 2025 – oral presentation
12. **CRISPR Screening and Analysis Training Course**, Wellcome Genome Campus, Hinxton, Cambridge, UK – 21–26 septembrie 2025
13. **BPC Brașov, România** – 5 iunie 2026 – Keynote Speaker: “Microbiome and Colorectal Cancer”
14. **“Probiotics, prebiotics, novel foods** – Roma (prezentare orala)”

E. **Brevete obținute în întreaga activitate**

1. Procedura de obtinere de filme polimerice cu caracteristici zwitterionice obtinute prin evaporare laser pentru aplicatii in domeniul biomedical- A/100744/6.12.2021

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