

PERSONAL INFORMATION

Ciordaş Paula-Diana

 2, Eftimie Murgu Square, 300041, Timișoara, Romania

 0256/204250

 paula.muntean@umft.ro

Gender Feminine | Nationality Romanian

WORK EXPERIENCE

10/2021 - Present

Laboratory assistant (SS)

“Victor Babeș” University of Medicine and Pharmacy (UMVBFT)
2, Eftimie Murgu Square, 300041, Timișoara, Romania

03/2021 - 10/2021

Research assistant

“Victor Babeș” University of Medicine and Pharmacy (UMVBFT)
2, Eftimie Murgu Square, 300041, Timișoara, Romania
• Research activities within the Biological and Molecular Diagnostics Laboratory

EDUCATION AND TRAINING

2022 - Present

PhD Student

Doctoral School
Victor Babeș University of Medicine and Pharmacy, Timișoara

2020 - 2022

MSc in Clinical Laboratory Medicine

Modern Applications of Laboratory Medicine in the Personalization of Medical Practice
Victor Babeș University of Medicine and Pharmacy, Timișoara

2017 - 2020

BSc in Biochemistry

Faculty of Biology and Geology
Babeș-Bolyai University, Cluj-Napoca

2013 - 2017

High School Diploma – Natural Sciences (Intensive English)

Alexandru Papiu Ilarian National College, Târgu Mureș

PERSONAL SKILLS

Mother tongue(s)

Romanian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	B2	B2
First Certificate Cambridge					

Job-related skills

- Management of biological samples for research projects
- Digital and physical archiving of laboratory reagents and consumables
- Biological waste management
- Molecular biology techniques: RT-PCR, qRT-PCR, NGS sequencing, ELISA
- Experimental optimization, beta-testing, troubleshooting
- Reporting experimental results for publications
- Maintenance of laboratory equipment

- Digital competence
- Microsoft Office – Advanced user
 - Microsoft Excel – Certified course in Digital Competencies, Internet Safety & Cybersecurity (13.12.2023)
- Other skills
- Strong collaborative skills within multidisciplinary teams
 - High level of rigor and professionalism in professional activities
- Driving Licence
- Category B

ADDITIONAL INFORMATION

- Projects
- Member of the project “A ROHU cross-border innovation to combat antibiotic resistance while ensuring health equity and system resilience” (METAGEN), ROHU00049
 - Member of the project “Oncobridge – Facilitating students’ transition toward professional life in oncopalliative care”, SMIS 318057, G2024-78519/05.11.2024; 01.07.2025 - 30.10.2026.
 - Member of the project „ Development of Genomic Research in Romania ” (ROGEN), SMIS 324809
 - Member of the project „ Developing UMFVBT’s capacity for interdisciplinary research and innovation in the field of next-generation long-read sequencing technologies” , Pluriseq@UMFVBT; CNFIS-FDI-2024-F-0451
 - Member of the project “Integrated metagenomic bioinformatic analysis of Nanopore Sequencing data using Q20+ chemistry”, MetaGen@Tm 2.0; CNFIS-FDI-2023-F-0355
 - Member of the project „ Regional reference center for metagenomic analysis”; MetaGen@Tm,CNFIS-FDI-2022-0423
 - Member of the project „ Evaluation of the clinical and histopathological performance of a microRNA panel as biomarkers in prostate cancer ”; UEFISCDI, PN-III-P1-1.1-TE-2021 UEFISCDI
 - Member of the project „ Regional Reference Center for Next-Generation Sequencing ”, NextGen@TM; CNFIS-FDI-2021-0484

- Publications
- Streinu DR, Stoian DL, Neagoe OC, Derban M, **Ciordas PD**, Marian C. Inside the Matrix: Integrated Cytology and Molecular Testing of Thyroid FNAC Samples Using a Commercial Synthetic 3D Scaffold. *International Journal of Molecular Sciences*. 2025; 26(22):11100. <https://doi.org/10.3390/ijms262211100>
 - Padure A, Talpos-Niculescu IC, **Ciordas PD**, Romanescu M, Chis AR, Rusu LC, Sirbu IO. Impact of Chemotherapy Alone and in Combination with Immunotherapy on Oral Microbiota in Cancer Patients- A Pilot Study. *Microorganisms*. 2025 Jul 3;13(7):1565. doi: 10.3390/microorganisms13071565. PMID: 40732074; PMCID: PMC12299619.
 - Ilia I, **Ciordas PD**, Nitusca D, Anton A, Marian C. Analysis of the Level of Adiponectin and Selected Cytokines in Patients with Knee Osteoarthritis. *Medicina*. 2024; 60(4):571. <https://doi.org/10.3390/medicina60040571>
 - Moatar AI, Chis AR, Romanescu M, **Ciordas PD**, Nitusca D, Marian C, Oancea C, Sirbu IO. Plasma miR-195-5p predicts the severity of Covid-19 in hospitalized patients. *Sci Rep*. 2023;13(1):13806. Published 2023 Aug 23. doi:10.1038/s41598-023-40754-w
 - Abu-Awwad S-A, Craina M, Gluhovschi A, **Ciordas PD**, Marian C, Boscu L, Bernad E, Iurciuc M, Abu-Awwad A, Iurciuc S, et al. Linking Pregnancy and Long-Term Health: The Impact of Cardiovascular Risk on Telomere Shortening in Pregnant Women. *Medicina*. 2023; 59(6):1012. <https://doi.org/10.3390/medicina59061012>
 - Abu-Awwad S-A, Craina M, Boscu L, Bernad E, **Ciordas PD**, Marian C, Iurciuc M, Abu-Awwad A, Iurciuc S, Bernad B, et al. Lipid Profile Variations in Pregnancies with and without Cardiovascular Risk: Consequences for Both Mother and Newborn. *Children*. 2023; 10(9):1521. <https://doi.org/10.3390/children10091521>
 - Schwarz C, Balean O, Dumitrescu R, **Ciordas PD**, Marian C, Georgescu M, Bolchis V, Sava-Rosianu R, Fratila AD, Alexa I, et al. Total Antioxidant Capacity of Saliva and Its Correlation with pH Levels among Dental Students under Different Stressful Conditions. *Diagnostics*. 2023; 13(24):3648. <https://doi.org/10.3390/diagnostics13243648>
 - Capraru ID, Romanescu M, Anghel FM, Oancea C, Marian C, Sirbu IO, Chis AR, **Ciordas PD**. Identification of Genomic Variants of SARS-CoV-2 Using Nanopore Sequencing. *Medicina*. 2022; 58(12):1841. <https://doi.org/10.3390/medicina58121841>
 - Chiş AR, **Muntean PD**, Moatăr AI, Oancea C, Creţu OM, Sirbu IO. SARS-CoV-2 Identification Using Colorimetric Loop-Mediated Isothermal Amplification. *Timisoara Medical Journal*. 2022; 2022(1):1.

Scientific Manifestations

- **Paula Diana Ciordas**, Mirabela Romanescu, Aimee Rodica Chis, Ioan Ovidiu Sirbu, *Characterization of Plasma hsa-miR-19b-3p as Prognostic Biomarker in non-Small Cell Lung Cancer*. FEBS 2024 Advances Course – 5th Danube Conference on Epigenetics, 28-31 October 2024, Research Center of Natural Sciences, Budapest, Hungary. Abstract (Book of abstracts, p. 101) and Poster (P-42)
- **Paula Ciordas**, Mirabela Romanescu, Aimee Rodica Chis, Ioan-Ovidiu Sirbu, *Plasma hsa-miR-19b response to immunotherapy in Non-Small Cell Lung Cancer patients*, The annual International Conference of Romanian Society of Biochemistry and Molecular Biology (RSBMB), 25-27 September 2024, Bucharest, Romania. Abstract (Book of abstracts, p. 57) and Poster (P7).
- **Ciordas PD**, Romanescu M, Chis AR, Marian C and Sirbu IO, *Absolute and relative expression analysis of plasma microRNAs in patients with prostate cancer – a comparison*, The Annual International Conference of RSBMB, Cluj-Napoca 13-15 September 2023, ISSN (online): 2065-9512
- Romanescu M, Butoi I, Chis AR, **Ciordas PD**, Olteanu E, Vilcu P, Sirbu IO, *Nanopore-based metagenomics for diagnostic and therapy refinement in a case of acute canine pancreatitis*, RoBioinfo Conference 2023, Bucharest, 11-13.05.2023; ISBN 978-606-28-1617-9
- **Ciordas PD**, Capraru ID, Romanescu M, Anghel FM, Oancea C, Marian C, Sirbu IO, Chis AR, *SARS-CoV-2 Genomic Variants Identification by Using Nanopore*, RoBioinfo Conference 2023, Bucharest, 11-13.05.2023; ISBN 978-606-28-1617-9
- **Ciordas PD**, Capraru ID, Anghel FM, Romanescu M, Oancea C, Marian C, Sirbu IO, Chis AR, *SARS-CoV-2 genomic variants Identification using Nanopore sequencing*, International Conference and XXIX Scientific Session of the Romanian Society for Cell Biology, Cluj-Napoca, 21-23 October 2022, P4

International Trainings

- Blended Mobility of Students - CALABRIA. ERASMUS KA220-HED - project Cooperation partnerships in higher education, project no. 2023-1-RO01-KA220-HED-000164767, Partnership for innovation on the exchange of best practices and the design of joint collaborative initiative at European level related to the awareness of the effects contamination on human health. University of Calabria. 30 September – 04 October 2024, Arcavacata, Italy.