

Curriculum Vitae

RNDr. Radka Gorejová, PhD.

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Date of birth: 29.08.1994

Nationality: Slovak

<https://biomativ4net.science.upjs.sk>, <https://physicalchemistry.science.upjs.sk>, <https://projectzeta.sk>

Education

08/2022

PhD

Faculty of Science, Department of Physical Chemistry, Pavol Jozef Šafárik University in Košice, Institute of Chemistry, Slovakia
Thesis: Effect of Modification on the Properties and Degradation of Fe and Zn-Fe Biomaterials (Supervisor: prof. Renáta Oriňáková, DrSc.)

05/2018

Master

Faculty of Science, Department of Physical Chemistry, Pavol Jozef Šafárik University in Košice, Institute of Chemistry, Slovakia
Thesis: Sintered Degradable Biomaterials with Polymer Coatings (Supervisor: prof. Renáta Oriňáková, DrSc.)

Current position

09/2024 –

Researcher

Faculty of Science, Department of Physical Chemistry, Pavol Jozef Šafárik University in Košice, Institute of Chemistry, Slovakia

04/2024 – 09/2024

Assistant professor

Faculty of Science, Department of Physical Chemistry, Pavol Jozef Šafárik University in Košice, Institute of Chemistry, Slovakia

Previous positions

09/2022 – 4/2024

Researcher

Faculty of Science, Department of Physical Chemistry, Pavol Jozef Šafárik University in Košice, Institute of Chemistry, Slovakia

02/2023 – 06/2023

Postdoctoral researcher

Tomáš Baťa University in Zlín, Center of Polymer Systems, Czech Republic

Scholarships and awards

Scholarships

04/2024 – 04/2024

Scholarship 1 – Technical University of Wien, Department of Technical Electrochemistry, **Wien, Austria**

02/2022 – 02/2022

Scholarship 2 – Tomáš Baťa University in Zlín, Center of Polymer Systems, **Zlín, Czech Republic**

03/2022 – 04/2022

Scholarship 3 – Budapest University of Technology and Economy, **Budapest, Hungary**

Awards

2024	Personality of Science and Technology under 35 years award awarded by the Ministry of Education, Research, Development and Youth of the Slovak Republic
2024	UPJŠ Dean's award for the outstanding scientific work, UPJŠ, Slovakia
2021	UPJŠ Rector's award for the scientific work of doctoral students, UPJŠ, Slovakia
2021	Tatra Banka fund grant for university students for project "Mechanical testing of metallic biomaterials", Tatra Banka, Slovakia
2021	Dean of PF UPJŠ Award for the best contribution to Spring Electrochemical Meeting 2021, UPJŠ, Slovakia
2020	Diploma on XII. Interactive 2020 Interactive Young Scientists Conference for outstanding contribution to the section on the use of instrumental methods in the analysis of biologically important substances, Civil association Preveda, Slovakia
2018	Rector's annual award for excellent results during the entire period of masters' studies at UPJŠ in Košice, UPJŠ, Slovakia
2018	Deans' award for the excellent fulfilling the doctoral candidate's duties, UPJŠ, Slovakia
2017	Dean's award for the best presentation in Chemistry section at Student Scientific Conference organized by Comenius University in Bratislava, Comenius University, Slovakia
2016	Slovak Literary Fond award for the best student scientific work , Slovakia
2016	1st place in the Physical Chemistry section at 18. Slovak Student Scientific Conference Chemistry and Technologies for Living, Slovak University of Technology, Slovakia

Student supervision

2024 – 2025	Supervised 1 bachelor student (Yekaterina Kalynych)
2023 –	Consulting 1 master student (Bc. Laura Slabejová)
2022 – 2024	Supervising 3 master students (Bc. Ivana Mojžišová, Bc. Adam Demjan, Bc. Mária Kačmárová)
2022 – 2023	Consulted 1 bachelor student (Bc. Laura Slabejová)
2021 – 2023	Supervised 1 graduated master's student (Mgr. Pavol Cipa)
2021 – 2022	Supervised 1 graduated bachelor student (Ivana Mojžišová)
2020 – 2021	Consulted 2 master students (Bc. Viktória Čákyová, Bc. R. Macko)
2018 – 2019	Consulted 1 master student (Bc. Martina Petráková)

Teaching activities

2024 –	Practical in Physical Chemistry , Pavol Jozef Šafárik University in Košice, Institute of Chemistry, Slovakia
2022 –	Macromolecular Chemistry , Pavol Jozef Šafárik University in Košice, Institute of Chemistry, Slovakia
	Advanced Practical from Physical Chemistry , Pavol Jozef Šafárik University in Košice, Institute of Chemistry, Slovakia
2018 – 2021	Physical chemistry I, Physical chemistry II – computational seminars, Pavol Jozef Šafárik University in Košice, Institute of Chemistry, Slovakia
2019 – 2020	Theory of Electrochemical Processes , Pavol Jozef Šafárik University in Košice, Institute of Chemistry, Slovakia

Organization of scientific meetings

10/2025	Member of the organisation team of the Metrohm Advanced Electrochemical Methods workshop, Institute of Chemistry, Košice, Slovakia
06/2024	Co-organizer , V4 project “Biodegradable metal development and surface functionalization V4 network” <i>Workshop on Biomaterial Cytotoxicity Testing, Lublin, Poland</i> , 11 participants from 4 countries
03/2024	Co-organizer , V4 project “Biodegradable metal development and surface functionalization V4 network” <i>Workshop on Biomaterial Surface Functionalization, Zlín, Czech Republic</i> , 10 participants from 4 countries
12/2023	Co-organizer , V4 project “Biodegradable metal development and surface functionalization V4 network” <i>Workshop on Mechanical properties Testing in Budapest</i> , 12 participants from 4 countries
09/2023	Coordinator/organizer , V4 project “Biodegradable metal development and surface functionalization V4 network” <i>Kick-Off Meeting in Budapest</i> , 8 participants from 4 countries (SK, CZ, HU, PL) (SK, CZ, HU, PL)
05/2022	Organization committee member , <i>Spring Electrochemical Meeting 2022</i> organised by the Czechoslovak Student Chapter of the Electrochemical Society (ECS) (23 participants), Slovakia
5/2021	Organization committee member , <i>Spring Electrochemical Meeting 2021</i> organised by the Czechoslovak Student Chapter of the Electrochemical Society (ECS) (13 participants), Slovakia
2020 – 2025	Member of the organisation and scientific committee of the international Novel Materials Fundamentals and Applications 2020 (33 participants), 2021 (35 participants), 2022 (57 participants) and 2023 (45 participants) 2024 and 2025 Conference, High Tatras, Slovakia

2019 – 2020	Member of the organisation committee of the conference New trends in Chemistry, Research and Education 2019 (65 participants) and 2020 (55 participants), Institute of Chemistry, Košice, Slovakia
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Reviewing activities

05/2024	Master thesis reviewer (Bc. Nikola Jašňáková)
04/2023, 04/2024	Panel member, Students' Scientific Conference, Physical Chemistry section, UPJŠ, Slovakia
05/2023, 05/2024	Reviewer, Jarná škola doktorandov (Spring doctoral students' school), UPJŠ, Slovakia
2022 –	Reviewer, Acta Biomaterialia/Elsevier , Netherland

Memberships of scientific societies

2018 –	Member of the Slovak Chemical Society (SCHS)
2019 – 2022	Treasurer of the Czechoslovak Student Chapter of the ECS
2018 – 2021	Member of the Electrochemical Society (ECS)
2019 – 2020, 2024 –	Member of the European Society of Biomaterials (ESB)