
Ass. Prof. RNDr. Markéta Martínková, Ph.D.

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Agenda:

- Decision-making on students' rights and obligations
- Scholarships, fees, admissions
- Recognition of previous foreign education
- Support for foreign language study programmes, coordination of teacher training programmes
- Prizes of the Ministry of Education, Youth and Sports for students and teachers, Arnošt of Pardubice Prize (best teacher and best pedagogical achievement), Rector's Prizes for the best students and graduates of the Charles University, Rector's Special Prizes

Professional profile:

Graduated in Biochemistry from the Faculty of Science, Charles University; in 2003 defended her dissertation. From 2004 to 2006, she worked at Tohoku University in Sendai, Japan. Currently she teaches Clinical Biochemistry and Biomedical Sciences at Charles University. She supervises Bachelor and Master of science study programmes in Biochemistry and is a member of two subject boards. Her main scientific interest is in haemoproteins. She is the author of 48 publications with over 700 citations. From 2013 to 2022 she was the Vice-Dean of the Faculty of Science, Charles University.

Work experience:

- since 2022 - Vice-Rector for Education, Charles University
- 2013 to 2022 - Vice-Dean for Student Affairs, Faculty of Science, Charles University
- from 2013 - Associate Professor, Department of Biochemistry, Faculty of Science, Charles University
- 2006 to 2013 - Assistant Professor, Department of Biochemistry, Faculty of Science, Charles University
- 2004 to 2006 - postdoctoral researcher, Tohoku University, Sendai
- 1999 to 2003 - Researcher, Department of Biochemistry, Faculty of Science, Charles University

Education:

- 2013 - Associate Professor (Biochemistry, Charles University)
- 2003 - Ph.D. (Biochemistry, Faculty of Science, Charles University)
- 2001 - RNDr. (Biochemistry, Faculty of Science, Charles University)
- 1999 - Mgr. (Biochemistry, Faculty of Science, Charles University)

Teaching activity:

since 2019 - Supervisor of the Bachelor and Master's degree programmes in Biochemistry, Faculty of Science, Charles University

since 2019 - member of the subject boards of the doctoral study programme Biochemistry, Faculty of Science, Charles University, and Biochemistry and Bioorganic Chemistry, University of Chemistry and Technology
2015 - awarded the "Student Velemlok" prize for the best lecturer
since 2009 - lecturer of Clinical and Analytical Biochemistry, Practical courses and other teaching subjects
Supervisor of three finalized Ph.D. students in Biochemistry and one concurrent student; supervised or mentored over 20 Bachelor and 10 Master of science theses

International Internships:

2004 to 2006 - Postdoctoral Researcher, Tohoku University, IMRAM, Sendai (Japan)

Publication and creative activities:

48 articles in peer-reviewed international journals

781 citations according to WoS (611 without self-citations), h-index 14

Popularisation activities:

? Popularisation lectures e.g. in the framework of the www.prirodovedci.cz project, Chemistry Tuesdays, FYBICH Summer School, ČŽV courses. A great emphasis is placed on the further education of chemistry teachers.

? Popularization articles in the magazines Vesmír, Živa, Chemické listy for a diverse readership

Selected grants:

- 2020 to 2023 - JPIAMR, No. 2019-087 "Prevention of antibiotic resistance by TARGETed Treatment of pneumonia in children (TARGET)"
- 2015 to 2017 - Investigator GA CR., No. 15-19883S "Molecular mechanisms of intraprotein/interdomain signal transduction in model heme sensor proteins"
- 2014 to 2015 - investigator IPSEN Pharma, "Comparison of the adsorption capacity and trapping effectiveness of diosmectite and charcoal on the compounds causing the 10 most frequent intoxications in acute medicine"
- guarantor of four GA UK student grants

Scientific profile (ORCID and ResearchID):

<https://orcid.org/0000-0002-0865-8785>

ResearchID E-3748-2012

Personal website:

www.natur.cuni.cz/martinkova

Motto:

"A bad system is a cranky system, but the absolute worst system is a system (however good) that is always changing." Therefore, new procedures, things and approaches need to be introduced judiciously, unhurriedly, and conceptually, so that no aspects are underestimated and the thing in question does not need to be constantly modified and corrected."

Interests, hobbies:

Family, hiking, detective films/books and escape games

[doc. RNDr. Markéta Martínková, Ph.D. – photo for download \(.jpg; 2.27 MB\)](#)