



CHARLES UNIVERSITY  
Faculty of Pharmacy  
in Hradec Králové

## PhD Opportunity in Pharmacology and Toxicology at Charles University

### **About the Position**

Charles University, Faculty of Pharmacy in Hradec Kralove, offers a **4-year funded PhD position in pharmacology and toxicology, commencing in October 2024**. This role is a part of the esteemed Research Group of Cardiovascular and Respiratory Pharmacology and Toxicology, led by Prof. Premysl Mladenka, with direct supervision by Dr. Eduard Jirkovsky. **PhD position will contribute to the project “Bisphenol A substitutes: health risks to the endocrine and cardiovascular systems,” funded by the Czech Science Foundation (2024-2027).**

### **Who We Are Looking For**

We are seeking passionate and driven PhD candidates with a keen interest in studying drug-induced premature senescence in the cardiovascular system and the impacts of endocrine disruptors. As a full-time doctoral student, you will benefit from a scholarship (up to 4.5 years) and social benefits.

### **About Our Research Group**

Our international team comprises experienced mentors and enthusiastic students dedicated to clinically oriented basic research on cardiovascular diseases and the damage caused by cardiotoxic drugs and pollutants. Learn more about our group: <https://portal.faf.cuni.cz/Groups/Vyzkumna-skupina-Kardiovaskularni-a-respiracni-far/Laborator-kardiovaskularni-farmakologie/?lang=en-gb>

### **About Charles University**

Ranked among the top 2% of research-focused universities worldwide and within the top 100 European universities (79th), Charles University boasts a robust international collaboration with research institutes globally. We celebrate diversity and welcome applications from all qualified candidates. Discover more about PhD studies at Charles University <https://cuni.cz/UKEN-1614.html>

### **Candidate profile**

We are looking for candidates with **MSc degree (or equivalent) in medical sciences (pharmacy or medicine) or natural sciences providing at least basic understanding of molecular biology principles and methods**. Candidate should be proficiency in English (or Czech and Slovak). Candidate must have a **strong motivation to master scientific work and reasoning, with a focus on diligence and responsibility**. The ability to work independently and effectively interpret research results post-training.

### **How to Apply Application and deadlines**

Interested candidates should first contact the group leader, Prof. Mladenka ([mladenkap@faf.cuni.cz](mailto:mladenkap@faf.cuni.cz)), and the supervisor, Dr. Jirkovsky ([jirkovskye@faf.cuni.cz](mailto:jirkovskye@faf.cuni.cz)), for more information.

**Submit your application online** <https://www.faf.cuni.cz/Admission/Postgraduate/ Application/>. **The deadline for applications is September 3rd, 2024, with enrolment starting on October 1st, 2024.**

For additional details on the PhD program, application process, fees, and entrance exams, visit <https://www.faf.cuni.cz/Admission/Postgraduate>.