

## Postdoctoral Research Fellow Position in Cardiovascular Pharmacology and Toxicology



Department of Pharmacology, Faculty of Medicine in Hradec Králové, Charles University, Czech Republic is opening a **Postdoctoral position to join the team of Assoc. Prof. Martin Štěřba** currently working on the EU-co-funded project: *Pre-application research into innovative medicines and medical technologies* (Inomed).

Particular research focus: **CARDIOVASCULAR TOXICITY OF ANTICANCER DRUGS, ITS PREDICTION AND PREVENTION VIA PHARMACOLOGICAL MEANS**

**Duration of the contract: 2-4 years**

You can be a part of the interdisciplinary team trying to clarify the mechanisms of cardiovascular toxicity of anticancer drugs, identify potential molecular biomarkers usable for its prediction and test new opportunities for pharmacological cardioprotection together with underlying mechanisms of the cardioprotective action.

### **Duties will include:**

- experimental work with laboratory animals (rabbits, rats, mice)
- examination of cardiac function
- experimental work in the lab – e.g., qPCR, Western blot, ELISA, biochemical analyses
- statistical data analysis and interpretation
- planning experiments, dealing with specific scientific and research tasks,
- presentation of the results at scientific meetings and publishing of the results in international journals with IF

### **Candidate Requirements:**

- **completed doctoral degree (Ph.D.) in pharmacology, toxicology, physiology or related fields** at any university in the Czech Republic or equivalent degree at any university abroad. The applications from Ph.D. candidates who are fulfilling the Ph.D. criteria at their home faculty and are expected to finish their PhD in up to 6 month are also welcome,
- **research and publication activity in the field of cardiovascular pharmacology/toxicology or cardiovascular research in general or a discipline related to the studied topic**
- active English (spoken and written),

### **We offer:**

- interesting work on the up-to-date topic,
- modern laboratory equipment,
- support of the experienced, young and friendly team,
- wide interdisciplinary cooperation,
- opportunity to regularly participate on the international conferences,
- flexible working hours,
- at least 5 weeks paid vacation.

**Brief summary:**

**Place of work:** Department of Pharmacology, Faculty of Medicine in Hradec Králové, Charles University, Hradec Králové, Czech Republic

**Topic:** Cardiovascular toxicity of anticancer drugs, its prediction and prevention via pharmacological means

**Team leader and principal investigator of the research plan:** Assoc. Prof. Martin Štěřba, Pharm.D., Ph.D.

**Estimated monthly wage:** approximately 1400 EUR

**Length:** 2 – 4 years

**Type of employment contract:** for a fixed period (1 year) with the possibility of extension for the entire duration of the project, i.e. to 31 October 2022.

**Start of work date:** Immediately or after the individual deal

**How to apply:**

If you are interested in this position, please do not hesitate to **send an inquiry (pre-application) along with your CV and list of publication** to the e-mail: [sterbam@lfhk.cuni.cz](mailto:sterbam@lfhk.cuni.cz)