



IPHYS Laboratory of Experimental Hypertension

Czech Academy of Sciences
Biomedical Research Campus in Prague, Krč

IPHYS is a leading research institute in the field of normal and pathological physiology. It consists of a number of scientific and service departments for experimental research (<http://www.fgu.cas.cz/en/>).

The **Laboratory of Experimental Hypertension** led by *Dr. Ivana Vaneckova, PhD., DSc.* is focused on studying the mechanisms of blood pressure regulation and new therapies of hypertension (<https://www.fgu.cas.cz/en/departments/experimentalni-hypertenze>).

Research focus

- Central and peripheral mechanisms contributing to blood pressure maintenance
- Cardiovascular actions of new antidiabetics gliflozins in experimental hypertension and chronic kidney disease
- Role of sympathetic and parasympathetic nervous systems in cardiovascular diseases

We are recruiting a highly motivated scientist for a

PhD position in the Laboratory of Experimental Hypertension

Responsibilities:

- Independent research under supervision
- Design of experiments, data analysis and their interpretation

Position Requirements:

- Master's diploma in physiology, medicine, (molecular) biology or related disciplines
- Interest in animal physiology, prior experience with animal handling is advantageous but not required
- Motivation to learn new methods
- Fluency in written and spoken English, PC literacy

We Offer:

- Working in a creative and friendly environment
- Use of unique rat strains
- Funding – partly by the Institute and partly from PhD support
- Social benefits (e.g. institutional lodging house, health insurance, catering allowance, kindergarten, etc.)

Expected Appointment Start Date: January 2023 (negotiable)

Required Documents:

- Cover Letter
- CV
- References

to be sent by the applicant to Bc. Marcela Tomášková, BBA (marcela.tomaskova@fgu.cas.cz) by **30. 10. 2022**