



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

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

We are recruiting a highly motivated young scientist for a

Postdoctoral position in the Laboratory of Experimental Hypertension

Responsibilities:

- Independent research within the frame of experimental hypertension and its cardiovascular complications
- Design of experiments, data analysis and their interpretation, writing of publications and project applications

Position Requirements:

- PhD degree (with up to 8 years from PhD) in physiology, medicine, (molecular) biology or related disciplines
- Interest in animal physiology, prior experience with animal handling is advantageous but not required
- Experience with cardiovascular research, track record of scientific publications
- Motivation to do science, 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
- Social benefits (e.g. institutional lodging house, health insurance, catering allowance, kindergarten, etc.)

Expected Start Date: Autumn 2023 (negotiable)

Required Documents:

- Cover Letter and CV
- Supporting letters
- List of full papers

To be sent by the applicant to the contact below

Contact: Ing. Katerina Rozsypalova, katerina.rozsypalova@fgu.cas.cz