



UNIVERZITA KARLOVA
Lékařská fakulta
v Hradci Králové

UKLFHK/477127/2024

Dean of the Faculty of Medicine in Hradec Kralove invites applications for the following position within the project CZ.02.01.01/00/22_008/0004607 – “New Technologies for Translational Research in Pharmaceutical Sciences /NETPHARM”

**JUNIOR RESEARCHER (postdoc) – full time (1,0) or
SENIOR RESEARCHER – full time (1,0)**

Place of work: Hradec Králové, Czech Republic

Assigned Work:

Research project activities at the Department of Pharmacology, CardioTox In Vivo Research Group, in experimental cardiovascular research into the mechanisms of anthracycline-induced cardiotoxicity, new options of pharmacological cardioprotection and treatment of the specific form of heart failure. The work will mainly involve employment of translational *in vivo* animal models together with molecular (qRT-PCR and Western blot) analyses.

Application requirements:

- Junior researcher (postdoc): Ph.D. or equivalent academic degree (equivalent to ISCED level 8) in a biomedical program (Pharmacology, Toxicology, Physiology or related field); Be a Junior researcher according to definition of OP JAC, which means a researcher who was awarded his/her Ph.D. no more than 7 years ago (exceptions apply); H-index ≥ 3 ;
- Senior Researcher: Ph.D. or equivalent academic degree (equivalent to ISCED level 8) in a biomedical program (Pharmacology, Toxicology, Physiology or related field); H-index ≥ 8 ;
- Demonstrated publication activity in the relevant research field: min. 1 first-authored publication (preferably with IF ≥ 3), grant activity is an advantage;
- Prerequisite skills for research and scientific work;
- Experience with *in vivo* studies using mouse and rat models, *in vitro* cell studies on several types of cells, including primary cultures;
- Experience with molecular analysis methods, especially quantitative RT-PCR, Western blot, immunohistochemistry with image analysis;
- Active knowledge of English; Czech language as an advantage;
- PC skills;
- Teamwork skills;
- Health capacity for work, moral integrity.



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Please, provide the following documents:

- Cover letter;
- Structured CV including an overview of scientific activities, past research experience and publication outputs;
- 2 letters of recommendation from recognized experts in their research field (at least 1 from a foreign institution);
- Scanned copy of the diploma (Ph.D. degree) or the confirmation of Ph.D. studies;
- In the body of the e-mail message: "Consent for the use of personal information for the purpose of this Call" in accordance with Act No. 101/2000, on the Protection of Personal Data and on Amendments to Certain Acts, as amended.

We offer:

- Work for a prestigious educational and scientific institution of Charles University;
- Full-time or part-time (min. 32 hours/week);
- 5 weeks of vacation per year + 5 personal development days;
- Opportunities for professional development and international collaboration;
- Specialized professional growth and continuous education in a field with a perspective of long-term employment;
- Participation in international conferences;
- System of employee benefits (e.g. meal allowance, contribution to supplementary pension insurance or private life insurance, Charles University discounts and benefits at external entities).

Position available from 1st of October 2024 to 29th of February 2028.

Applications along with all supporting documents should be sent to: podatelna@lfhk.cuni.cz by **September 4, 2024**, email subject: "NetPharm 6".

For further questions about the position please contact: Mgr. Tereza Silbernaglová,
silbernaglova@lfhk.cuni.cz

prof. MUDr. Jiří Mandáček, Ph.D.

Dean



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