



UNIVERZITA KARLOVA  
Lékařská fakulta  
v Hradci Králové

UKLFHK/398558/2024

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) – part time (0,8)**

**PhD STUDENT RESEARCHER – part time (0,8)**

Place of work: Hradec Králové, Czech Republic

**Assigned Work:**

Research project activities at the Department of Pharmacology, LivPharm Group, in *in vivo* and *in vitro* experimental research of new therapeutic options for mitigating liver damage during cholestatic diseases. For this purpose, it is necessary to have experience and perform *in vivo* studies using mouse and rat models, *in vitro* cell studies on several types of cells, including primary cultures, and perform molecular analysis methods, especially quantitative RT-PCR, Western blot, immunohistochemistry with image analysis.

**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  $\geq 3$ ;
- PhD Student Researcher: Be a PhD candidate currently finishing her/his degree in a biomedical doctoral program (Pharmacology, Toxicology, Physiology or related field). H-index  $\geq 1$ ;
- Demonstrated publication activity in the relevant research field: min. 1 first-authored publication (preferably with IF  $\geq 3$ ), 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;
- For a Junior researcher (postdoc) position: 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;
- Part-time (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 1<sup>st</sup> of August 2024 to 29<sup>th</sup> of February 2028.

Applications along with all supporting documents should be sent to: [podatelna@lfhk.cuni.cz](mailto:podatelna@lfhk.cuni.cz) by **July 18, 2024**, email subject: “NetPharm 4”.

For further questions about the position please contact: Mgr. Tereza Silbernaglová,  
[silbernaglova@lfhk.cuni.cz](mailto:silbernaglova@lfhk.cuni.cz)

prof. MUDr. Jiří Mandáček, Ph.D.

Dean



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