

Opis delovnega mesta mladega raziskovalca/ke (*Description of the Young Researcher's position*)

1. Članica UL (*UL member*):

Univerza v Ljubljani, Medicinska fakulteta (University of Ljubljana, Faculty of Medicine)

2. Ime, priimek in elektronski naslov mentorja/ice (*Mentor's name, surname and email*):

Miroslav Petrovec (mirc.petrovec@mf.uni-lj.si)

3. Raziskovalno področje (*Research field*):

3.01. Medicina - Mikrobiologija in imunologija

4. Opis delovnega mesta mladega raziskovalca/ke (*Description of the Young Researcher's position*):

Vključuje morebitne dodatne pogoje, ki jih mora izpolnjevati kandidat/ka za mladega raziskovalca/ko, ki niso navedeni v razpisu za mlade raziskovalce.

slo:

Mladi raziskovalec (MR) se bo v študijskem letu 2023/2024 vpisal na Interdisciplinarni študijski doktorski program Biomedicina, znanstveno področje Mikrobiologija na Univerzi v Ljubljani. Izbor temeljnih predmetov na doktorskem študiju bo prilagojen raziskovalnemu usposabljanju mladega raziskovalca in bo obsegal študij temeljnih mikrobioloških predmetov, z izbirnimi predmeti pa bo mladi raziskovalec izpopolnjeval znanja na področju molekularne biologije in biokemije.

MR bo izvajal raziskovalno delo v raziskovalni skupini Inštituta za mikrobiologijo in imunologijo Medicinske fakultete Univerze v Ljubljani pod mentorstvom prof. dr. Miroslava Petrovca, dr. med. Tematika njegovega raziskovalnega dela se odlično vklaplja v delo raziskovalnega programa Odnosi parazitskega obstajanja (P3-0083).

Delo bo usmerjeno v raziskave genetske raznolikosti respiratornih virusov. V okviru svojega dela bo kandidat uvajal in optimiziral sodobne molekularne metode in sekveniranje naslednje generacije. Poleg dela v laboratoriju, bo kandidat osvojil tudi osnove bioinformatične analize pridobljenih podatkov. Kandidat mora biti pripravljen tudi na morebitno izpopolnjevanje pri partnerskih raziskovalnih skupinah v tujini.

Od kandidata pričakujemo veliko motiviranost za raziskovalno delo, pripravljenost za delo v raziskovalni skupini, delavnost, natančnost, samostojnost in iznajdljivost.

eng:

In the academic year 2023/2024, the young researcher (YR) will enrol in the Interdisciplinary study doctoral degree program Biomedicine, scientific field Microbiology at the University of Ljubljana. The selection of basic subjects in the doctoral studies will be adapted to the research training of the young researcher and will include the study of basic microbiology subjects, in addition to the elective subjects which will improve his knowledge in the field of molecular biology and biochemistry.

YR will carry out research work in the research group of the Institute of Microbiology and Immunology, Faculty of Medicine, University of Ljubljana under the mentorship of prof. dr. Miroslav Petrovec, Ph.D. dr.med. His research work will be included in the scope of the research programme P3-0083 (Host-Parasite relationship).

The work will focus on research into the genetic diversity of respiratory viruses. As part of his work, the candidate will introduce and optimize modern molecular methods and next-generation sequencing. In addition to work in the laboratory, the candidate will also master the basics of bioinformatics analysis of the obtained data. The candidate must also be prepared for possible training at partner research institutions abroad.

The candidate must be motivated for research work, willing to work within the research team, show diligence, accuracy, independence and resourcefulness.