

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

1. Članica UL (*UL member*):

Veterinarska fakulteta

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

Milka Vrecl Fazarinc; milka.vrecl@vf.uni-lj.si

3. Raziskovalno področje (*Research field*):

Veterinarska medicina (Veterinary medicine)

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:*

Usposabljanje mladega raziskovalca bo potekalo na Inštitutu za predklinične vede, Enoti za anatomijo, histologijo z embriologijo in citologijo (IPV, EAHEC), v okviru programske skupine P4-0053: Endokrini, imunski in encimski odzivi pri zdravih in bolnih živalih. Raziskovalna tema bo s področja karakterizacije perinatalnih in odraslih Leydigovih celic pri prašičih in vpliva androgenene deprivacije na ta proces. Mladi raziskovalec bo pri delu uporabljal različne eksperimentalne pristope, od molekularno-bioloških metod do histoloških, imunohistokemičnih in transkriptomskih analiz tarčnih celic in tkiv, kakor tudi delo s celičnimi modeli *in vitro* ter živalskimi modeli.

Od kandidata pričakujemo:

- zainteresiranost za znanstvenoraziskovalno delo, predhodne izkušnje v histološkem laboratoriju in pri delu s celičnimi kulturami so zaželeni;
- sodelovanje pri dodiplomskem študiju, ki se izvaja na enoti, pri predmetih Biologija celice in Histologija z embriologijo;
- pripravljenost za usposabljanje in delo živalmi v postopkih;
- aktivno znanje tujega jezika;
- sodelovanje pri pripravi pisnih poročil o rezultatih raziskovalnega dela, znanstveno raziskovalnih člankov in diseminacijo rezultatov;
- komunikativnost in zmožnost dela v skupini;
- opravljanje del po nalogu mentorja in vodje organizacijske enote, ki vsebinsko sodijo v širše strokovno področje delovnega mesta.

*eng:*

The training of the young researcher will take place at the Institute of Preclinical Sciences, Unit of Anatomy, Histology with Embryology and Cytology (IPV, EAHEC), within the research

programme P4-0053: Endocrine, immune and enzyme responses in healthy and sick animals. The research topic will be in the area of characterization of perinatal and adult Leydig cells in pigs and the influence of androgen deprivation on this process. The young researcher will use various experimental approaches, from molecular biology methods to histological, immunohistochemical and transcriptomic analyses of target cells and tissues, as well as work with cell models in vitro and animal models.

We expect the applicant to:

- have interest in scientific work; previous experience in a histology laboratory and working with cell cultures is desirable;
- participate in the undergraduate study of the unit (subjects Cell Biology and Histology with embryology);
- participate in mandatory training for animal research personnel and the use of animals in research;
- active knowledge of a foreign language;
- participation in the preparation of written reports of results, scientific research articles and dissemination of results;
- good communication skills and ability to work in a team;
- perform work at the direction of the mentor and organizational unit head that falls within the broader professional scope of the position.