

Danylo Halytsky Lviv National Medical University

Department/division: Department of Pharmaceutical, Organic and Bioorganic Chemistry

The main emphasis of the department is on pharmaceutical and medicinal chemistry, drug design and heterocyclic chemistry. Research is conducted in the field of synthesis, chemical transformations and study of biological activity of heterocyclic compounds (derivatives of 4-azolidinone, 1,3-thiazane, thiazolothiopyrane etc.), introduction of innovative approaches to the development of new drugs (QSAR-analysis, virtual screening, molecular modeling, molecular docking).

Position title: Laboratory Specialist

Position purpose: To contribute to drug design project, develop machine learning models and perform virtual screening.

Duties and responsibilities:

- Helping to prepare in-house datasets
- Building machine learning models
- Virtual screening of in-house library
- Reporting results in seminar

Qualifications

Field/s of study:

- Chemistry

Level of study: doctoral

Professional competences:

- Chemistry
- Chemoinformatics
- Machine learning

Key competences/Language skills:

- English – A2-B2 – Elementary-Upper intermediate (Required)
- Ukrainian – A2-B2 – Elementary-Upper intermediate (Required)

Key competences/Computer skills:

- Python, scikit-learn, RDKit

Key competences/Other:

- Communication
- Critical and analytical thinking
- Planning and organizing
- Creative thinking
- Teamwork
- Intercultural perception
- Initiative

- Reliability

How to apply

Please send CV and cover letter (in English) to Dr. Pavel Polishchuk, pavlo.polishchuk@upol.cz, by 23/04/2021 at the latest.

Facts

Economic sector: Tertiary education

Size: staff 501 to 2 000

Working language/s: Ukrainian, English

Type of work placement: Traineeship

City/Country: Lviv/Ukraine

Earliest start date: 01/05/2021

Latest start date: 17/05/2021

Duration: 2,5 – 3 months

Working hours: 35 hours/week

Remuneration:

Financial contribution: 0 EUR/month

Contribution in kind: none

Application

Required application documents: CV, cover letter (in English) to be sent to Dr. Pavel Polishchuk, pavlo.polishchuk@upol.cz

Application deadline: 23/04/2021