

Palacký University Olomouc

Department/division: Medicinal Chemistry Department (MedChem), Institute of Molecular and Translational Medicine (IMTM), Faculty of Medicine and Dentistry

The aim of the MedChem Department IMTM is the synthesis of novel organic compounds for subsequent evaluation of their biological properties. Current research activities are focused on the preparation of various heterocyclic ligands of different biomolecular targets and the modification of semisynthetic triterpenes with anticancer activity.

Position title: Chemist at the IMTM – two vacancies

Position purpose: To prepare organic compounds for biological screening.

Duties and responsibilities:

- Synthesis development or resynthesis of compounds using known procedures
- Purification of reaction intermediates and final products (crystallization, chromatography etc.)
- Full characterization of intermediates/final products (NMR, MS, IR)
- Preparation of samples for biological screening
- Synthetic protocols and experimental data summarization

Qualifications

Field/s of study:

- Chemistry

Level of study: doctoral

Professional competences:

- Knowledge and skills within organic chemistry

Key competences/Language skills:

- English – B1-B2 – Intermediate-Upper intermediate (Required)

Key competences/Computer skills:

- Word processing, Spreadsheets, Databases, Presentation – Independent user

Key competences/Other:

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

How to apply

Please send CV, cover letter (in English) to Kateřina Šromová, katerina.sromova@upol.cz, as soon as possible.

Facts

Economic sector: Tertiary education

Size: staff 2 001 to 5 000

Working language/s: Czech, English

Type of work placement: Traineeship

City/Country: Olomouc/the Czech Republic

Earliest start date: March 2022

Latest start date: April 2022

Duration: 3,0 months

Working hours: 40 hours/week (working hours from 08:00 to 16:00)

Remuneration:

Financial contribution: Erasmus+ scholarship in the amount of 800 EUR/month + contribution for travel costs according to final destination

Contribution in kind: none

Application

Required application documents: CV, cover letter (in English) to be sent to Kateřina Šromová, katerina.sromova@upol.cz

Application deadline: as soon as possible