



INTERNSHIP OFFER

Ref. No. CH-2024-000090

Internship Host Information

Internship Host: University of Basel
Biozentrum
Klingelbergstrasse 70
4056 Basel
Switzerland

Website: <http://www.biozentrum.unibas.ch/>

Location of placement: Basel
Nearest airport: EuroAirport Basel Mulhouse Freiburg
Working hours per week: 42.0
Working hours per day: 8.4

Number of employees: 521

Business or products: Life science research

Student Required

General Discipline: CHEMISTRY AND CHEMICAL ENGINEERING
Field of Study: .Polymer/Plastics Engineering.;Organic Chemistry.;
Polymer Chemistry.

Completed years of study: 3.5
Student status requirements: None EU/EFTA students need to be enrolled during internship
Language required: English Excellent (C1, C2)

Required Qualifications and Skills:

Other requirements:
Masterstudents preferred

- The applicant must have basic experimental skills in organic/polymer chemistry including setting up and performing reactions, product purification and product characterization using nuclear magnetic resonance (NMR) spectroscopy.
- We are looking for a student who is eager to work at the interface of chemistry, biology and physics.
- Masterstudent preferred

Internship Offered

The successful applicant will join a highly interdisciplinary and motivated research team of biologists, physicists and chemists involved in life science research. The main objectives of the internship will be to synthesize, optimize and characterize (bio)polymeric hydrogels with tunable biophysical properties that mimic the microenvironment of human tissue. The applicant is expected to be knowledgeable and experienced in organic and polymer chemistry. We will provide additional training in Atomic Force Microscopy (AFM), which will be used for the nanomechanical characterization of the as-produced hydrogels.

Number of weeks offered: 13 - 26
Within the months: 01-JUN-2024 - 15-DEC-2024
Or within: -
Company closed within: -

Working environment: Research and development
Gross pay: 2300 CHF / Month
Deduction to be expected: approx. 10 % Social security AHV/IV
Payment method / time of first / payment:

Latest possible start date: 01-SEP-2024

Accommodation

Canteen at work: Yes
Expected type of accommodation: Depends on availability
Accommodation will be arranged by: IAESTE LC Basel

Estimated cost of lodging: 750 CHF / Month
Estimated cost of living incl. lodging: 1600 CHF / Month

Additional Information

Students with any NON-EU/EFTA nationality need for the visa and work permit an official letter from their university, confirming that the internship is compulsory (IAESTE Switzerland will apply for them).

Nomination Information

Deadline for nomination: 19-MAY-2024

Date: 03-MAY-2024
On behalf of receiving country: IAESTE Switzerland