

Electronics Internship

The research group of Francisco Balzarotti at the Research Institute for Molecular Pathology (IMP) offers an **Internship Position** in the field of electronics.

Our Group. We develop novel optical methods and instrumentation for the observation of biological phenomena with the highest fidelity. We focus on schemes that require outstanding performance in terms of spatial and/or temporal resolution, such as super resolution fluorescence imaging and single-molecule tracking. By bringing together expertise in optics, labelling and photophysics, we develop solutions to transverse obstacles in biology and biophysics within a highly collaborative environment.

The Candidates. The candidates should be curious, creative and excited about learning new topics and skills. Successful candidates should be enrolled on a BSc or MSc program in the fields of physics or engineering.

The main goal of this Internship is to aid several microscopy development projects by providing support with

- Circuitry/PCB design and construction
- Measurement and characterization of electric circuits
- Optics and laser handling
- Programming of microcontrollers

Therefore, the following skills are desirable:

- Experience with hands-on electronics (circuitry, PCB, high frequency/high voltage)
- Experience microcontrollers (Arduino, Raspberry PI, etc.)
- Programming proficiency (Python, MATLAB, LabView, FPGA and/or GPU)

Our Environment. The Research Institute of Molecular Pathology (IMP) in Vienna is a basic biomedical research institute largely sponsored by Boehringer Ingelheim. With over 200 scientists from 40 countries, the IMP is committed to scientific discovery of fundamental molecular and cellular mechanisms underlying complex biological phenomena. The IMP is located at the Vienna BioCenter, one of Europe's most dynamic life science hubs with 1,800 employees from 70 countries in four research institutes, three universities and two dozen biotech companies. The working language of the institute is English.

Conditions. The monthly gross salary for intern positions is EUR 950,00 for 20 hours per week.

Application. Interested candidates should send their application (motivation letter, CV, contact details of a reference) by email to francisco.balzarotti@imp.ac.at.



Campus-Vienna-Biocenter 1
1030 Vienna, Austria
T +43(1) 79730-0
www.imp.ac.at

Dr. Francisco Balzarotti
Group Leader

+43(1) 79730-3680
francisco.balzarotti@imp.ac.at

Our Group
www.balzarotti-lab.org

Our Institute
www.imp.ac.at

Our Campus
www.viennabiocenter.org