

Recent Master Graduate in DAx Liver research

Job ID
REQ-10027369
Nov 04, 2024
Switzerland

Summary

First experience in the pharmaceutical industry within the DAx Liver research group, you will participate in drug discovery for treating hepatic diseases.

About the Role

The group activities include identification, validation and development of molecular targets that play a key role in metabolic dysfunction-associated steatohepatitis (MASH, formerly NASH). Advanced projects include investigation of target pharmacology, modulators and biomarkers.

Supervised by an experienced researcher, you will conduct research on hepatocyte biology using in vitro models that may include primary cells and the use of low molecular weight modulators. The studies will involve a variety of techniques and readouts such as molecular biology, microscopy, antibody-based assays. Your role may involve exploratory work as well as supporting targets for which drugs are being developed.

Major accountabilities:

- Designs and executes experiments with input from senior lab members/manager.
- Provides basic data analysis to interpret own experiments - assesses whether experimental hypothesis was appropriately tested and answered.
- Works collaboratively within the lab and project team.
- Participates constructively at lab meetings.
- Steps in to support general lab responsibilities.
- Expected to be an excellent lab citizen.
- Uses understanding of experimental hypothesis and works with manager and colleagues to troubleshoot issues and help design and execute next experiment.
- Experimental results support progression of drug discovery and/or early development projects.

Start date : as soon as possible

Duration : 6 to 7 months

Location: Campus Basel

Minimum Requirements:

- Master degree
- Previous bench work experience in a research laboratory
- Basic molecular biology and cell culture techniques

- Proven capability in experimental design, high quality data delivery, data analysis
- Experience in primary cell culture, flow cytometry, or confocal imaging can be a plus
- Interest in drug discovery and/or hepatology is wished
- Good communication and collaboration skills will be expected
- English: professional working proficiency is required

Accessibility and accommodation:

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 Employment Type
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 Shift Work
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