Master Student internship in biotransformation group

We are looking for a keen and enthusiastic graduate student to join the BT group as an intern for up to 6 months to work on the development of S-Coenzyme A reactivity and covalent binding assays to further assess the safety of novel Novartis drugs molecules.
The laboratory-based role will involve the design and set-up of *in vitro* experiments with the routine use of various analytic systems, including high resolution UPLC-Mass spectrometry (LC-MS), liquid scintillation counters (LSC), and associated data processing software. Appropriate training will be provided, however, some laboratory experience, basic knowledge of analytical techniques and biochemistry would be advantageous.

Preferred start date: June 2024
Latest start date / flexible: 1st August 2024

Duration: up to 6 months (Finish 31st December 2024 at latest)

Key responsibilities:

- Perform a literature review of subject.
- Preparation of *in vitro* incubations using liver fractions, with or without $^{14}C/^{3}H$ Radiolabel.
- Analysis of the incubation products using LC-MS or LSC approaches
- Data processing with the usage of appropriate analytical software
- Interpretation of the results and preparation of result summaries

Onsite or Hybrid?

- Role is Onsite at the Novartis Campus in Basel, #LI-Onsite

Video

- "Novartis – reimagine medicine"

Essential requirements:

- **Education:** Student currently enrolled in a Bachelor/Master degree program in a Life Science discipline (e.g. Analytical Chemistry, Biochemistry or Food Chemistry, etc.) or recent graduate of a Life Sciences Bachelor/Master program looking to gain first experience
- **Languages:** English
- **Experience/Professional requirements:**
- Strong interest and basic practical experience in liquid chromatography (e.g. UHPLC, RP-HPLC), mass spectrometry (e.g. HRMS, MS/MS), Radiodetection (liquid scintillation) and *in-vitro* sample preparation
- Motivation to work in the laboratory environment to gain and deepen the knowledge of the approaches in drug metabolism investigations.
- Ability to work and communicate effectively in the international environment.
- Good understanding of Microsoft Office applications (Word/Excel/PowerPoint)

Desirable requirements:

- A mind-set of curiosity with a good self-organizational skill – being able to plan well and execute the lab work.
- Strong problem-solving ability with an eye for details and commitment to high quality

Why Novartis: Our purpose is to reimagine medicine to improve and extend people's lives and our vision is to become the most valued and trusted medicines company in the world. How can we achieve this? With our people. It is our associates that drive us each day to reach our ambitions. Be a part of this mission and join us! Learn more here: https://www.novartis.com/about/strategy/people-and-culture

Commitment to Diversity and Inclusion:
Novartis is committed to building an outstanding, inclusive work environment and diverse teams' representative of the patients and communities we serve.

Accessibility and accommodation
Novartis is committed to working with and providing reasonable accommodation to all individuals. If, because of a medical condition or disability, you need a reasonable accommodation for any part of the recruitment process, or in order to receive more detailed information about the essential functions of a position, please send an e-mail to inclusion.switzerland@novartis.com and let us know the nature of your request and your contact information. Please include the job requisition number in your message

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