



Metabolite Identification Intern

Target Majors:	Biochemistry/Microbiology/Chemistry
Intern Assignment:	Metabolite Identification Intern
Hiring Manager:	TBD
Job Address:	50 Northern Avenue, Boston MA 02210
Is Location MBTA Accessible?	Yes – South Station is closest T-stop
Hours Per Week:	20 – 24 hours
Preferred Days of Week:	TBD
Work Hours:	flexible
Pay Rate and Travel Stipend:	\$15.00 /hr. + travel stipend

Company Overview:

Vertex is a global biotechnology company that aims to discover, develop and commercialize innovative new medicines so people with serious diseases can lead better. Vertex scientists and our collaborators are working on new medicines to cure or significantly advance the treatment of hepatitis C, cystic fibrosis, epilepsy and other life-threatening diseases. Founded more than 20 years ago in Cambridge, MA, we now have ongoing worldwide research programs and sites in the United States, United Kingdom and Canada. Vertex has consistently been recognized as one of the industry's top workplaces by leading publications such as Science Magazine, The Boston Globe, Boston Business Journal, San Diego Business Journal and The Scientist.

Job Description:

The Boston DMPK Metabolite Identification team is responsible for the investigation of transformational drug candidates made by our medicinal chemists. The Metabolite ID team enables the medicinal chemists to understand the fate of their drug compounds in a biological system by using in vitro and in vivo methods, problem-solving skills, and state-of-the-art analytical equipment.

Vertex is currently recruiting a chemistry/biology student to work in the DMPK Department in support of our drug discovery activities. The successful applicant will assist in the analysis of biological samples for drug related material using a state of the art Liquid Chromatography / Mass Spectrometry platform.

This system combines high-performance liquid chromatography, mass spectrometry, electronics, and informatics to isolate and identify molecular biotransformations. This is a “hands-on” position that provides a critical link in our discovery of potential new drugs.

Additional responsibilities and development opportunities include: maintenance of modern HPLC, UPLC and mass spectrometry equipment; biological sample preparation; and other analytical chemistry related tasks.

Basic Qualifications

- Majoring in Chemistry or Biology – Completed coursework in Organic Chemistry
- GPA: 3.0
- Demonstrated good interpersonal/communication skills, both written & verbal
- Demonstrated punctuality & organization
- Proven good analytical skills and attention to detail
- Previous lab course experience or previous Coop experience
- Computer literacy using Windows-based operating systems and basic applications such as spreadsheets and databases
- Strong mechanical aptitude
- Highly motivated and energetic
- Strong work ethic and tenacity
- A desire to be part of a highly innovative company aimed at transforming the lives of people with serious diseases, their families, and society