



JURA Bio, Inc.

<http://www.jurabio.com/>

Attention: Microfabrication/Microfluidics Internship Opportunity

Company Overview At JURA Bio, we are focused on developing transformative gene-based medicines for serious human diseases in that a way that is cheaper, available to many, and overcomes fundamental problems of sustainability and environmental impact posed by existing pharmaceutical manufacturing industry. We are rapidly translating our specific, efficient and versatile eMHC cell-based platform into therapies to treat autoimmune disorders, viral infections, neurodegenerative disorders and other diseases. Our team works every day to translate our eMHC technology into breakthrough human therapeutics sustainably manufacturable at the point-of-use.

Position Summary We are seeking an exceptional, multidisciplinary student interesting Biomedical Engineering with expertise in, or a desire to build expertise in, microfluidic systems to create next-generation cellular therapies. The candidate must have a strong physical science and/or engineering background with expertise in mechanical, thermal and fluidics analysis including how these disciplines interact to develop a system level design of complex medical instruments. The individual must thrive amidst an innovative and fast paced multidisciplinary team comprising skills in microfabrication, molecular biology, electrical engineering and more; the position requires a background in hands-on laboratory work and a willingness to work in the lab.

Job Responsibilities

- Contribute to a smart, integrated development approach for environmentally sustainable, scalable cell manufacturing processes and suitable control strategies
- Develop and support fluidic and (micro)fluidics-related projects to facilitate technology and product development initiatives
- Work with cell engineers and computational biologists to develop state-of-art technological solutions for manufacturing challenges
- Plan and perform experiments to develop cell isolation and purification process steps including chromatography and microscopy
- Iteratively build and test prototypes using a combination of in-house fabrication techniques and outsourced manufacturing services
- Manufacture critical materials (in cooperation with the Harvard microfluidics lab) in for developmental testing

JURA is proudly committed to equal employment opportunity & non-discrimination for all employees & qualified applicants without regard to a person's race, color, gender, age, religion, national origin, ancestry, disability, veteran status, genetic information, sexual orientation or any characteristic protected under law.