

HARVARD APPARATUS REGENERATIVE TECHNOLOGY (HART)

TITLE: Cell Biology Lab Manager

JOB SUMMARY

HART is looking for an outstanding candidate to enhance our leadership in the field of bioengineered replacement organs. The successful candidate will lead a small group of biologists, managing the laboratory in carrying out cutting-edge research in tissue engineering and cell therapy using state-of-the-art technologies. He/she will have responsibilities in the research and development of bioengineered, cell-based tubular organs and will develop and use a multidisciplinary approach to characterize these constructs in vitro and in vivo. The individual will manage internal and external collaborations, draft, implement and oversee budgets and inventory control at the laboratory level, and explain and defend experimental approaches, findings and potential value in-house and to external leaders in the field.

CORE RESPONSIBILITIES

- Provide leadership and problem solving capabilities, and technical, budgetary and timeline oversight, to a small group of biologists
- Participate in the design of in vitro and in vivo studies
- Perform experiments using cell culture, cell biology, histology, and molecular biology techniques, as needed
- Prepare and present technical reports containing appropriate data analysis
- Investigate, design and develop new processes and characterization assays for cell-based biomaterials
- Assist with the development, writing and review of laboratory methods and SOPs
- Interface cross-functionally with other R&D, engineering and regulatory groups to drive collaborations and ensure that studies are carried out efficiently
- Maintain laboratory organization, i.e., databases, reagent inventory, protocols, laboratory space, etc.
- Attend and participate in staff and management meetings
- Attend and participate in organizational meetings as appropriate
- Promote a positive professional image of HART internally and externally
- Meet agreed upon goals and objectives effectively and in a timely manner
- Demonstrate a high level of flexibility and respond to changing business demands
- Promote, support, and adhere to all HART Corporate, Divisional, and Departmental policies and procedures

PREFERRED QUALIFICATIONS

- Ph.D. in Cell Biology, Biomedical Engineering or related field with a minimum of 3 years industrial leadership experience, no exceptions
- Demonstrated expertise in cellular methods and analysis, preferably in applied research related to tissue engineering or cellular therapies
- Experience with in vivo preclinical models preferred
- Experience in the interpretation of histopathology of implanted biomaterials is a plus
- Highly adaptable and the ability to work in a fast-paced startup environment