Post doctoral Fellow Position

Summary
We seek an experienced, well organized, and diligent cell biologist to work on generating functional human islets from induced pluripotent stem cells. This role requires in addition to technical expertise in stem cell culture, effective communication and excellent critical thinking and organizational skills. This person will work closely with the beta cell foundry team (Doug Melton lab) to reproducibly produce and study stem cell/iPS-derived endocrine cells. The successful candidate will conduct experiments to improve beta cell production. He/she will perform data analysis and will present the data to collaborators. He/she will review literature, and implement new or alterative techniques that advance research goals. In addition, experience with standard assays such as immunohistochemistry, FACS, gene expression, DNA and RNA sequencing, and physiological tests for cell function performed is a must.

Basic Qualifications: PhD degree in biology or closely related field.

Additional Qualifications: The successful applicant will be a well-organized team player with stem cell tissue culture experience, preferably with an advanced degree (PhD). A minimum of three years of extensive directly related research involving molecular biology and tissue culture of mammalian cells are required.

Location and affiliations: The work will be done at the iPS core facility in the Bauer Building at Harvard University and in close collaboration with the Melton lab.

Additional Information: This is a three year grant funded term position.

Application: Interested applicants are encouraged to send their CV and Cover Letter to Laurence Daheron, PhD, iPS core facility, HSCI.