

Two Post-Doctoral Fellowship positions in the Kulkarni Lab at [Joslin Diabetes Center, Harvard Medical School](#). The two positions are available immediately for a period of 3 years each. For the first position, applications are invited from qualified individuals with a PhD or MD or MD PhD degrees and interested in working in exciting projects focused on defining pathways and identifying mechanisms that regulate pancreatic (endocrine and exocrine) biology and interrogating inter-organ cross talk in the overall maintenance of glucose homeostasis using induced pluripotent stem cells and animal models. Topics include insulin/IGF-1 signaling, mRNA modifications and stem cell biology. Candidates should have a strong background in molecular biology, cell biology (stem cells) and biochemistry. It is strongly preferable to have prior experience in bioinformatics and the ability to interrogate “omics” and sequencing datasets. Candidates should possess skills in handling human islets and undertake in vivo animal studies. It would be an advantage to be able to undertake rodent islet isolation, and perform immunostaining. For the second position candidates with expertise in Bioinformatics will be especially relevant. Prospective candidates should have expertise in handling large ‘omics’ databases and be willing to work closely with other Fellows in the lab to assist in analyses of biological data from multiple projects. Candidates will also be encouraged to develop their own research interests. Applicants for both positions should provide a brief statement of research interests, CV, and the names of three references to [Dr. Kulkarni](#).