Post-doctoral Research Fellowship in Islet Biology

Dr. Roland Stein (https://lab.vanderbilt.edu/roland-stein-lab/) at Vanderbilt University is recruiting enthusiastic, well-trained Postdoctoral Research Associates. His pancreatic development and islet biology programs is recognized internationally for outstanding research and training. It is broad in scope and highly interdisciplinary, with a strong collaborative history involving premier investigators within the USA and internationally. Moreover, we are a part of the NIH funded Diabetes Center at Vanderbilt University that has over 75 faculty engaged in basic research, clinical research and education in diabetes. An additional feature is the opportunity to interact with a dozen other pancreatic/islet biology laboratories here, which meets bimonthly to discuss research findings. We are specifically seeking candidates for the following projects:

- Defining the role of the human MAFA and MAFB transcription factors in human α and β cell development and function.
- Examining how islet-enriched transcriptional coregulators impact human islet cells.
- Investigating human islet α function using a novel glucagon-less mouse model.

Successful candidates will have a solid background in cell/molecular biology, biochemistry, and/or cell physiology, be capable of independently motivated discovery research and project design, and possess excellent analytical, organizational, and oral/written communication skills. Candidates must possess an M.D. and/or Ph.D., and preferably a minimum of two first-author peer-reviewed publications and confidential references that indicate a strong history of teamwork and interpersonal skills.

Salary is commensurate with qualifications and experience and generally according to the current NIH scale. Please send applications with a detailed CV, a cover letter indicating the research project(s) of interest, and make arrangements for three letters of recommendation to be sent in confidence to Roland.Stein@Vanderbilt.Edu