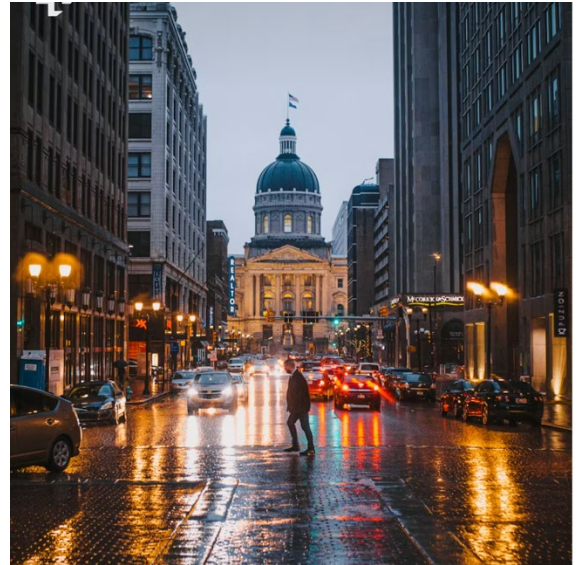


## Postdoctoral Position – Engin Lab

### University of Wisconsin–Madison

The Engin Lab is recruiting a highly motivated Postdoctoral Researcher to study beta cell stress and its impact on immune cells. The Engin Lab investigates how cellular stress responses—particularly ER stress, cellular senescence, integrated stress response and metabolic stress—affect pancreatic  $\beta$ -cell survival and function. Using integrated in vitro and in vivo models, the lab combines molecular biology, imaging, and functional assays to better understand diabetes progression and treatment strategies <https://www.enginlab.org/>.



### Qualifications

Recent PhD in Cell Biology, Molecular Biology, Immunology or a related field

- Strong publication record (including first-author papers)
- Experience in one or more of the following:
  - Cell culture and gene expression manipulations (shRNA, siRNA, adeno and or lentiviral) in primary mouse and human cells
  - Single cell transcriptomics or multiomics
  - Imaging
  - Flow cytometry
  - molecular biology (protein, rna)
  - Mouse models of disease
- Ability to work both independently and collaboratively
- Strong organizational and communication skills

### Key Responsibilities

- Conduct experiments using human and mouse islets
- Perform biochemical and gene expression analyses
- Apply gene delivery techniques (knockout/knockdown)
- Carry out imaging-based experiments and analysis
- Utilize molecular biology methods
- Perform and interpret flow cytometry experiments

Interested candidates should send a single pdf file containing

- Cover letter (highlighting research experience and fit for the lab)
- Curriculum vitae (CV)
- Contact information for three professional references to: [fengin@wisc.edu](mailto:fengin@wisc.edu)