

Open postdoctoral position

The Klueh Laboratory, located at the Integrative Biosciences Center (IBio) at Wayne State University, is seeking a highly motivated, self-directed Postdoctoral Research Fellow to participate in an externally supported research project. This investigation is directed towards investigating inflammatory cell interactions and their contribution to the ensuing tissue reactions during subcutaneous insulin delivery in a rodent and pre-clinical swine model. Experience in device/material tissue interactions, immunology, molecular biology and histology-based methodology is desired.

The position offers a highly competitive salary plus benefits

Qualified candidates should hold a Doctoral degree in cell/molecular biology, biomedical engineering/bioengineering, pharmaceutical sciences, immunology, pathology, chemical engineering or a related field

Please send a brief letter of interest describing research experience, career goals, current CV and contact information for three references in a single PDF file to Dr. Ulrike Klueh at klueh@wayne.edu

Qualifications

- Qualified candidates should hold a Doctoral degree in cell/molecular biology, biomedical engineering/bioengineering, pharmaceutical sciences, immunology, pathology, chemical engineering or a related field
- Degree must have been conferred prior to the position's start date
- Facile in cell culture and standard biochemical, molecular biology and immunological techniques, such as flow cytometry, ELISA, RNA isolation, qPCR, Cre/lox system, organ and tissue harvesting and processing.
- Pharmacokinetics and statistical knowledge is preferred
- Ideal candidate should be self-motivated and possess superlative analytical and problem solving skills including strong organizational and communication skills.
- Must be willing to work with animals
- Experience in device tissue interactions, immunology, molecular biology and histology based methodology is also highly desirable
- Demonstrated ability to independently plan and execute research projects and publish the results

Responsibilities

- The research fellow will perform data collection and analysis including manuscript/report preparation, as well as collaborating in grant writing, and mentoring/supervision of students
- The postdoc will work closely with a group of interdisciplinary scientists at Wayne State University in Detroit Michigan and the University of Connecticut Medical School in Farmington Connecticut. The candidate must be dedicated to enhancing an environment that supports the professional development of trainees who will acquire the requisite professional skills to succeed in academia or industry