



Postdoctoral Research Associate– Cardiometabolic disease, chronic inflammation, and gut microbiome

Opportunity:

The Rey lab in the Department of Bacteriology at University of Wisconsin-Madison invites applications for a postdoctoral position. Our research program seeks to understand how bacterial metabolism, diet-microbe, and microbe-microbe interactions influence metabolic and cardiovascular disease. The postdoctoral researcher will study the role of specific bacterial pathways involved in the activation of immune cells important for gut microbiome homeostasis and cardiometabolic disease (CMD) including atherosclerosis and fatty liver disease. Researcher will use a combination of experimental approaches including immune cell profiling, metagenomics, metabolomics, anaerobic bacterial physiology studies, and deep phenotypic characterization of gnotobiotic mouse models of CMD.

The position is for a highly motivated, new or recent Ph.D. graduate who strives to develop an independent research career. This position will provide a unique opportunity to gain experience in a highly interdisciplinary research environment, access to state-of-the-art resources, and close collaboration with researchers at the University of California Los Angeles, Sorbonne University, Paris and the University of Wisconsin-Madison. Our group, and the Department of Bacteriology, seeks to provide an inclusive stimulating and collaborative research environment, committed to the development of trainees.

Requirements:

Candidates should have a doctoral degree (PhD) in immunology, microbiology, molecular biology, physiology, or related field. The ideal candidate is a self-motivated individual with the ability to think critically, learn quickly, and function both independently and within a team. Expertise in one or more of the following areas is highly desirable: immunology; animal models of cardiometabolic disease; microbiology.

To Apply:

Qualified individuals interested in this opportunity should submit their curriculum vitae, a cover letter detailing their research experience and research interest, and contact information of two references to: ferey@wisc.edu Applications will be reviewed on a rolling basis.

The University of Wisconsin-Madison is an equal opportunity and affirmative action employer.

Start Date: May 2022 (flexible)

Percent Time: 100%

Salary: Starting salary follows NIH NRSA Postdoctoral stipend rates, commensurate with experience