Position: Postdoctoral position available in the Weivoda Lab

Position Details: The Weivoda Lab (http://media.dent.umich.edu/labs/weivoda/) is seeking a highly motivated postdoctoral researcher(s) for bone and aging research. Dr. Weivoda’s research focuses on the role of myeloid and osteoclast lineage cells in coupling bone resorption to bone formation and how “coupling” is disrupted in the aging skeleton with the overall goal of identifying novel targets to stimulate bone formation. In addition, Dr. Weivoda has projects available to study the impact of aging and senescence on the progression of cancer and periodontal disease.

Dr. Weivoda’s laboratory is located within the University of Michigan Biointerfaces Institute (https://biointerfaces.umich.edu/), a unique, interdisciplinary environment comprised of more than 350 students and researchers from the School of Dentistry, the College of Engineering, the School of Medicine, and the College of Pharmacy, collocated in dedicated, state-of-the-art facilities and leverages its expertise in five research clusters: advanced materials and drug delivery, cell and tissue engineering, nanotechnology, neural engineering, and single cell technologies. The BI provides a blueprint for biomedical research that encourages out-of-the-box thinking, drives innovation, and accelerates the path from basic research to real-world outcomes, while serving as an ideal training site for the next generation of scientists and thought leaders. The close proximity and shared space between BI labs facilitate interactions between lab personnel and PIs that nourish collaboration to advance translational research.

Dr. Weivoda is also a member of the Michigan Integrative Musculoskeletal Health Core Center (https://mimhc.med.umich.edu/) and the Center for Organogenesis (https://medicine.umich.edu/dept/center-organogenesis), providing ample collaboration with the Michigan musculoskeletal community, resources for bone and musculoskeletal phenotyping, and grant writing resources.

Qualifications: Candidates should have a doctoral degree in biological sciences or related field; excellent organization, communication and interpersonal skills; and a record of scientific publication. Applicant must be able to work both independently and with others within a research team. Experience with mouse models, molecular biology, cell culture, and bioinformatics is beneficial.

To Apply: If interested, please send a single PDF containing: a one-page cover letter, curriculum vitae and the contact information for at least two references to Dr. Megan Weivoda at mweivoda@umich.edu.