

Visiting Scholar

Tuesday December 5, 2023, 12PM

Skeletal Cellular Senescence with Aging and Type 2 Diabetes

CON 470 or by Zoom

Contact Office of Research & Scholarship for meeting link



Joshua Farr, PhD

**Research Scientist, Division of Endocrinology, Diabetes, Metabolism, and Nutrition
Mayo Clinic College of Medicine**

Dr. Farr is an Associate Consultant II-Research Scientist in the Division of Endocrinology, Diabetes, Metabolism, and Nutrition, Mayo Clinic College of Medicine, Rochester, MN. He is also an Assistant Professor in the Department of Physiology and Biomedical Engineering and the Division of Gerontology. Dr. Farr is an active member of the Mayo Clinic Robert and Arlene Kogod Center on Aging (RAKCA). Over the past ten years he has been working on the roles of senescent cells and their senescence-associated secretory phenotype (SASP) in mediating bone loss with aging and diabetes in mice and humans. Dr. Farr's group was the first to systematically identify senescent cells in the bone microenvironment with aging and to demonstrate a causal role of senescent cells in mediating age-related bone loss. He has multiple ongoing projects focused on targeting cellular senescence to extend healthspan, targeting cellular senescence and RAGE in type 2 diabetes and the role of p21 positive senescent cells in radiation-induced skeletal injury and repair.