Lombard receives New Scholar in Aging Award

David B. Lombard, M.D., Ph.D., assistant professor of pathology at the University of Michigan Medical School and research assistant professor at the U-M Institute of Gerontology, has earned the Ellison Medical Foundation New Scholar in Aging Award. The foundation supports basic biological research in aging including studies that are relevant to understanding aging processes and age-related diseases.

A four-year, $100,000 per year grant supports Lombard’s application “Mitochondrial acetylation in calorie restriction and aging.”

Dr. Lombard’s experiments will contribute to the understanding of how calorie restriction affects the function of mitochondria, the powerhouses of every cell in the body. Mitochondrial adaptation to calorie restriction is central to the health benefits of this regimen. Understanding the mechanism might allow the development of drugs that induce the health benefits and anti-aging effects of eating an ultra low-calorie diet.