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METABOLISM, ENDOCRINOLOGY & NUTRITION

Role of the gut microbiome and endotoxemia on insulin resistance

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UWMDI DIRECTOR CANDIDATE

Tuesday, January 25, 2022
4:00-5:00pm

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Dr. Musi has dedicated his research career to studying mechanisms and pathways that regulate cellular metabolic processes in health, disease (obesity, type 2 diabetes) and during the aging process. During his early work, he conducted groundbreaking research that established the role that AMPK plays on muscle biology and mechanism of metformin's action. As his interests and areas of work have expanded, his lab has been investigating mechanisms underlying the metabolic abnormalities seen in various insulin-resistant states, including obesity, diabetes and aging. Many of Dr. Musi's studies on this topic center on investigating inflammatory pathways linked to metabolic disease and the biology of aging with focus on NFkB and TLR4.