PIONEERS IN BIOMEDICAL RESEARCH SEMINAR

Presented by the Fralin Biomedical Research Institute and co-sponsored by institute's Addiction Recovery Research Center and Center for Health Behaviors Research

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Biobehavioral Susceptibility for Obesity: Behavioral, Genetic and Neuroimaging Studies of Appetite

We all inhabit an 'obesogenic' environment, yet not everyone develops obesity. This may be in part because individuals differ in early-appearing appetitive characteristics (e.g. food responsiveness and satiety responsiveness) that begin to influence body weight as early as infancy. A significant body of work has used standardized behavioral tests and validated questionnaires to demonstrate that appetitive characteristics track through development, predict adiposity, and show genetic influence. Recent investigations using neuroimaging techniques are beginning to explore the neural underpinnings of these characteristics, and how genetic and environmental factors influence appetite and underlying brain circuits. The biobehavioral susceptibility model of obesity development and maintenance that this evidence supports has implications for prevention and treatment of obesity throughout the life course.

SEPT. 6, 2024 at 11 a.m.

Room G101 A/B, 4 Riverside Circle
Watch live via Zoom at https://FralinBioMed.info/PBR-Join.

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