



NGN RESEARCH CENTER

Host: Prof. Dr. med. Giancarlo Natalucci

Moderator: Dr. Maria Consolata Miletta

GUEST SPEAKER DR. LUIS VARELA



Role of hypothalamic astrocytes in the regulation of energy balance

15:00-16:00 (GMT+2:00) / ONLINE
THURSDAY, 21st October 2021

Hypothalamic astrocytes play pivotal roles in both nutrient availability sensing and the modulation of synaptic plasticity. Although neurons rely greatly on glucose-derived fuels, astrocytes have high capacity for fatty acid oxidation in mitochondria. We showed that genetic manipulations of fatty acid levels determines the susceptibility to diet-induced obesity.

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