The Effects of Maternal Pre-pregnancy Diet on Dams and Their Offspring

High fat, high sugar diets during gestation and lactation render dams and their offspring more susceptible to metabolic health risks, such as gestational diabetes, higher birth weight and obesity. While most nutritional studies focus on maternal diets during pregnancy and lactation, human dietary data suggest that pregnant women shift their diets to healthier food choices. However, it remains unknown if a recent history of high fat or sugar nevertheless has lasting negative consequences for the dams and their offspring. In this talk, I will present our recent data showing that added sugar in maternal pre-pregnancy diet affects maternal glucoregulation in pregnancy, postnatal growth and taste-motivated responses for sweeteners in the offspring.

HEB Seminar Series
April 25, 2022 | 12:00 – 1:00 PM
Via Zoom Meeting ID: 910 5033 6303
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