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## "Diet and Stress: Is It all our mothers fault? "

### **About this seminar:**

Maternal diet affects offspring outcomes, including increasing the predisposition for obesity, metabolic syndrome, and cardiovascular disease. Ongoing studies are uncovering the mechanistic basis by which maternal diet alters the development of vagal neurocircuits that regulate gastrointestinal functions and highlight some potential interventions to rescue and restore normal development.

### **Reference(s):**

- 1.Perinatal high-fat diet exposure alters oxytocin and corticotropin releasing factor inputs onto vagal neurocircuits controlling gastric motility. Carson KE, Alvarez J, Mackley JQ, Travagli RA, Browning KN. (PMID: 37154244)
- 2.Brainstem astrocytes control homeostatic regulation of caloric intake. Clyburn C, Carson KE, Smith CR, Travagli RA, Browning KN.(PMID 36696965)
- 3DMV extrasynaptic NMDA receptors regulate caloric intake in rats. Clyburn C, Travagli RA, Arnold AC, Browning KN. (PMID: 33764905)



**Baylor Main Campus  
DeBakey Building  
Auditorium M112**

Refreshments provided.



<https://bcm.zoom.us/>  
**Meeting ID: 951 0349  
9512**  
**Password: 2020**



**MAY 9**  
**4PM CST**