

## "Early Life Programming of Brain Appetite Pathways"

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Department of Internal Medicine  
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**Wednesday, April 24, 2019**

12-1 p.m.

The Saban Research Building Auditorium  
4661 Sunset Blvd., Los Angeles, CA 90027

**Lunch will be provided to seminar guests,  
first come, first served.**

**Help us save plastic! Bring your own water bottles.  
Water will be available to fill your bottles.**

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Obesity is increasingly prevalent and is coupled with an alarming rise in the prevalence of type 2 diabetes. Consequently, identifying factors to prevent obesity is important to public health. The overall goal of my work is to understand neuroendocrine regulation of appetite and glucose homeostasis in ways that can be applied to prevent obesity and diabetes. I will present findings from our two parallel lines of research using neuroimaging and metabolic studies to examine (i) brain, endocrine, and behavioral responses to sugar and non-nutritive sweeteners, and (ii) neural mechanisms involved in developmental programming for obesity in childhood.

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### **Hosted by Sebastien G. Bouret, PhD**

Associate Professor of Pediatrics | Developmental Neuroscience Program  
Center for Endocrinology, Diabetes & Metabolism  
Scientific Director | Animal Care Facility  
Scientific Director | Rodent Metabolic Core  
The Saban Research Institute | Children's Hospital of Los Angeles