



THE UNIVERSITY OF ARIZONA
COLLEGE OF MEDICINE TUCSON

Physiology

Seminars in Translational & Advanced Research (STAR)

Friday, October 24
Arizona Health Sciences Center
Room 8403
11:00am - 12:00pm

<https://arizona.zoom.us/j/85062222452>



Ranier Gutierrez, PhD

*Professor,
National Polytechnic Institute of
Mexico*

Hosted by: Maya Kaelberer

"The Crunchometer: Hearing the crunch of hunger"

Dr. Ranier Gutierrez earned his Ph.D. in Biomedical Sciences from the Institute of Cellular Physiology at UNAM. He later completed his postdoctoral fellowship at Duke University, where he specialized in the field of electrophysiology and the gustatory system in freely moving animals.

In 2009, he founded the Laboratory of Appetite Neurobiology at CINVESTAV-IPN. From 2018 to 2022, he served as the Head of the Department of Pharmacology at CINVESTAV. Currently, he is a Level III member of the National System of Researchers (SNI) and a research professor at the Center for Research on Aging (CIE) at Cinvestav.

His line of research is the neural control of appetite, with a focus on discovering the neural circuits that regulate the excessive consumption of highly palatable foods—from the processes of sweet taste perception to the neural control of appetite.