



UNIVERSIDAD
DE GRANADA

We are happy to invite you to our

CIMCYC International Doctoral Summer School: Neuroscience of Eating Behaviour and Excess Weight

A series of lectures by leading experts in the field will lay the foundation for understanding and critically examining various findings in the neuroscience of eating behaviour and excess weight.

June 2 to 6, 2025 | University of Granada, Spain

Register now for free here



What to expect from this summer school

This International Doctoral Summer School is a five-day event in which leading academics will address the most current lines of research focused on the characterisation and intervention of eating behaviour and excess weight.



Lectures and
workshops with the
best researchers in
the field



Encounters between
the PhD. students
and the speakers



Perfect time to share
ideas and results. We
are waiting for you!

Meet some of the panelists



Antonio Verdejo-Garcia

University of Monash, Australia

He explores the cognitive and neural mechanisms underlying obesity, and how changes in the brain influence eating behaviour and decision making.



Cassandra Lowe

University of Exeter, UK

Her work focuses on understanding how the prefrontal cortex and associated cognitive processes help individuals to regulate junk food consumption and exercise engagement.



Uku Vainik

University of Tartu, Estonia

His research focuses on the psychological and genetic factors linked to obesity and overeating. His work bridges the fields of personality, cognition, and genomics.



Oren Contreras-Rodríguez

Autonomous University of Barcelona, Spain

She investigates how excess weight affects brain connectivity, finding that changes in the hypothalamic and insular networks can intensify food cravings.



Luis Javier Martínez-González

GENYO Centre, Spain



Ma Jesús Álvarez-Cubero

University of Granada, Spain

His studies use the latest methods to understand how eating habits, like eating a lot of ultra-processed food affect the gut microbiome and their effects on obesity.



Concepción Aguilera García

University of Granada, Spain

She studies omics (genetics, epigenetics, and metabolomics) to uncover metabolic disorder mechanisms, such as insulin resistance, in childhood obesity.

She has extensive expertise in forensic genetics, biomedicine, and oncology. Her field of study pays special attention to biomarkers of obesity.



Ana Rivas-Velasco

University of Granada, Spain

She works at the Department of Nutrition and Food Science, studying the different routes of human exposure to endocrine disruptors in obesity.

More information on all speakers and activities will be announced here.

Enrollment is completely free of charge

Learn about new research on eating behaviour

Meet PhD. students from around the world

Scholarships will be offered to cover some expenses

Planned group socials happening every day

Click here to register now

Advance of Contents

**Neurocognitive
underpinning of food
choices across clinical
populations and
contexts**

Antonio Verdejo-García

**Neural Pathways of
Obesity: Exploring the
Potential Connection
with Ultra-Processed
Foods**

Oren Contreras-Rodríguez

**How genomics
can energize
social sciences**

Uku Vainik

**Neuromodulation as a
tool to assess causal
neurocognitive
processes underlying
individual vulnerability
to ultra-processed food**

Cassandra Lowe

**Multiomics approach in
the metabolic alteration
in children and
adolescents with
obesity.**

Concepción Aguilera García

**Identification of
Genetic Markers
Associated with
Complex Diseases
and the Ambientome**

*M^a Jesús Álvarez-Cubero &
Luis Javier Martínez-González*

**Role of endocrine
disrupting chemicals in
obesity and neuro-
development: The
genetic and microbiota
link.**

*Ana Rivas-Velasco & Viviana
Ramírez López*

**Participants will use
lecture concepts to design
projects focused on
advanced assessment
tools for personalized
brain-behavior
interventions**

Collaborative group work

**Each day ends with
social outings to iconic
city spots, offering
relaxed networking
with peers, speakers,
and symposium
attendees.**

Social Program

Organizing committee and partners



**UNIVERSIDAD
DE GRANADA**



Doctoral School of Health
Sciences (EDCS) UGR

Master's Degree in Basic
and Applied Neurosciences
and Pain (UGR)

Master's Degree in General
Health Psychology (UGR)

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