

Università di Camerino  
Scuola di Scienze del Farmaco  
e dei Prodotti della Salute



Satellite International Workshop

# Obesity and eating disorders

**Camerino 7 - 8 June 2024**

ChIP - Chemistry Interdisciplinary Project - via Madonna delle Carceri

**Scientific Committee**

**Carlo Cifani**

University of Camerino

**Silvana Gaetani**

Sapienza University of Rome

**Maria Vittoria Micioni Di Bonaventura**

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**Adele Romano**

Sapienza University of Rome

**Organizing Committee**

**Carlo Cifani**

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**Luca Botticelli**

University of Camerino

**Emanuela Micioni Di Bonaventura**

University of Camerino

**Marzia Friuli**

Sapienza University of Rome

Friday, **June, 7<sup>th</sup>**

14.00 Registration and welcome reception

14.30 *Introduction*

**Graziano Leoni** Rector of University of Camerino

**Giuseppe Cirino** SIF President

**Gianni Sagratini** Director of the School of Pharmacy, University of Camerino

**Carlo Cifani** Scientific Committee of the Conference

**Silvana Gaetani** Scientific Committee of the Conference

14.45 *Opening Lecture*

Introduced by: **Adele Romano** Sapienza University of Rome

*Gut hormone based pharmacotherapy to treat obesity*

**Thomas Lutz** University of Zurich

15.30 **Invited Presentations Session #1**

Chairs: **Maria Vittoria Micioni Di Bonaventura** University of Camerino,

**Gustavo Provensi** University of Florence, **Rossana Roncato** University of Udine

*Hypothalamic inputs to the habenula drive compulsive eating in obesity*

**Richard M. O'Connor** Mount Sinai Hospital, New York, USA

16.10 *The organizational role of ovarian hormones during puberty on risk for binge-like eating in rats*

**Kelly Klump** Michigan State University, USA

16.30 *Central noradrenergic controls in dietary-induced binge eating in rodents*

**Nicholas T. Bello** Rutgers University, USA

16.50 *The impact of fasting in a diverse population on cortical activity, metabolic responses, sleep quality, and disordered eating patterns*

**Stephanie Caligiuri** William & Mary University, USA

17.10 **Invited Presentations Session #2**

Chairs: **Emanuela Esposito** University of Messina, **Rosaria Meli** University

of Naples "Federico II", **Cristina Lanni** University of Pavia

*Dietary manipulations and their impact on both peripheral and central inflammation: friend or foe?*

**Massimo Collino** University of Turin

**Ilaria Bertocchi** Neuroscience Institute Cavalieri Ottolenghi (NICO), Turin

- 17.30 *Neurobiology of anorexia nervosa in a preclinical animal model*  
**Paola Fadda** University of Cagliari
- 17.45 *Study on the molecular mechanisms underlying binge eating behaviour: preclinical and clinical data*  
**Claudio D'Addario** University of Teramo
- 18.00 *A duet between histamine and oleoylethanolamide in the control of homeostatic and cognitive processes*  
**Beatrice Passani** University of Florence
- 18.15 **Invited Presentations Session #3**  
Chairs: **Caterina Scuderi** Sapienza University of Rome, **Fabio Fumagalli** University of Milan, **Silvia Alboni** University of Modena and Reggio Emilia
- New Pharmacological Strategies to treat Binge-like eating behaviour*  
**Luca Botticelli** University of Camerino
- 18.30 *Chronic stress in young adult rodents and body weight: implications for mental health*  
**Laura Musazzi** University of Milan Bicocca
- 18.45 *The vicious cycle linking metabolic abnormalities, endothelial dysfunction and inflammatory signaling unveils novel theratognostic targets*  
**Monica Montagnani** University of Bari
- 20.30 Social Dinner

Saturday, **June, 8<sup>th</sup>**

- 9.00 *Lecture*  
Introduced by **Adele Romano** Sapienza University of Rome
- Vascular function in cardiometabolic disorders*  
**Elena Osto** University of Graz
- 9.40 **Invited Presentations Session #4**  
Chairs: **Raffaele Capasso** University of Naples "Federico II", **Roberto Ciccocioppo** University of Camerino, **Girolamo Calò** University of Padova
- New therapeutic strategies to promote white to brown adipocyte transition*  
**Alessandra Bitto** University of Messina

- 10.00 *Vascular dysfunction in obese patients arteries and in human endothelial and smooth muscle cells: protective effect evoked by the H2S-donor erucin*  
**Alma Martelli** University of Pisa
- 10.15 *The neurobiology of anorexia nervosa: studies of clinical samples, animal and stem cells models*  
**Ida Nilsson** Karolinska Institutet, Sweden
- 10.30 *Expectations and Placebo effects: From pain to appetite related symptoms*  
**Luana Colloca** University of Maryland, USA
- 11.00 Coffee break
- 11.15 *Lecture*  
Introduced by: **Silvana Gaetani** Sapienza University of Rome
- Targeting multiple lipid receptors for complicated obesity: dual/triple ligands as an innovative approach*  
**Fernando Rodríguez de Fonseca** Universidad de Málaga-Hospital Universitario Regional de Málaga, Spain
- 12.00 *Lecture*  
Introduced by: **Maria Vittoria Micioni Di Bonaventura** University of Camerino
- Anxiety-eating? How your brain gets addicted*  
**Nicole Avena** Princeton University and Mount Sinai Hospital, USA
- 12.40 *Lecture*  
Introduced by: **Carlo Cifani** University of Camerino
- Rats can make good choices: Studies on the effect of alternative food and social rewards on drug self-administration and relapse*  
**Yavin Shaham** NIH/NIDA, Baltimore USA
- 13.20 Conclusions
- 13.30 Light Lunch