

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

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Emanuela Micioni Di Bonaventura

University of Camerino

Marzia Friuli

Sapienza University of Rome

Friday, **June, 7th**

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, 8th**

- 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