

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

Conference Venue: Borgo Lanciano

Scientific Committee

Carlo Cifani

University of Camerino

Silvana Gaetani

Sapienza University of Rome

Maria Vittoria Micioni Di Bonaventura

University of Camerino

Adele Romano

Sapienza University of Rome

Organizing Committee

Carlo Cifani

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Giacomo Einaudi

University of Camerino

Zuzanna Koziara

University of Camerino

Marzia Friuli

Sapienza University of Rome

Friday, **June, 7th**

14.00 Registration

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

Invited Presentations Session #1

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

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

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

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

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

Kelly Klump Michigan State University, USA

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

Nicholas T. Bello Rutgers University, USA

16.30 *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

Invited Presentations Session #2

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

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

17.10 *Neurobiology of anorexia nervosa in a preclinical animal model*

Paola Fadda University of Cagliari

- 17.25 *Study on the molecular mechanisms underlying binge eating behaviour: preclinical and clinical data*
Claudio D'Addario University of Teramo
- 17.40 *A duet between histamine and oleoylethanolamide in the control of homeostatic and cognitive processes*
Beatrice Passani University of Florence
- Invited Presentations Session #3**
 Chairs: **Maria Scherma** University of Cagliari, **Roberto Ciccocioppo** University of Camerino, **Claudio D'Addario** University of Teramo
- 17.55 *Chemogenetic manipulation of histaminergic neurons modulates feeding behaviour*
Alessia Costa University of Florence
- 18.10 *Chronic stress in young adult rodents and body weight: implications for mental health*
Laura Musazzi University of Milano-Bicocca
- 18.20 *The vicious cycle linking metabolic abnormalities, endothelial dysfunction and inflammatory signaling unveils novel theratognostic targets*
Monica Montagnani University of Bari
- 18.35 *Novel insights on the neurobiological basis of Anorexia Nervosa: role of oxytocin in the anx/anx mouse model*
Barbara Eramo Sapienza University of Rome
- 18.45 Conclusions
- 20.15 Social Dinner (Borgo Lanciano)

Saturday, **June, 8th**

- 9.00 *Lecture*
 Introduced by **Adele Romano** Sapienza University of Rome

Vascular function in cardiometabolic disorders
Elena Osto University of Graz

- 9.30 *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
- 10.10 *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
- 10.50 Coffee break
- Invited Presentations Session #4**
Chairs: **Raffaele Capasso** University of Naples "Federico II", **Caterina Scuderi** Sapienza University of Rome, **Silvia Alboni** University of Modena and Reggio Emilia
- 11.10 *Expectations and Placebo effects: from pain to appetite related symptoms*
Luana Colloca University of Maryland, USA
- 11.35 *The neurobiology of anorexia nervosa: studies of clinical samples, animal and stem cells models*
Ida Nilsson Karolinska Institutet, Sweden
- 11.55 *New therapeutic strategies to promote white to brown adipocyte transition*
Alessandra Bitto University of Messina
- 12.10 *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
- 12.25 *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
- 12.45 Conclusions
- 13.30 Light Lunch (Borgo Lanciano)