6TH SWISS WINTER CONFERENCE

on

INGESTIVE BEHAVIOR

St Moritz

Switzerland

28 February – 5 March 2015

PROGRAM

6th Swiss Winter Conference on Ingestive Behavior

28 February – 5 March 2015

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Organizers

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Registration, opening reception and coffee breaks are in the Hotel Lobby, near the Aula.

Scientific sessions are in the Aula.

Dinners are in various Hotel's restaurants, as described below.

Schedule

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SATURDAY 28.2.

1600	**Registration** in the Aula Lobby
1800	**Greeting Reception** in the Aula Lobby
2000	**Dinner** in the Stüva Restaurant (Bündner Buffet)

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SUNDAY 1.3.

0800	**Welcome & Introduction** Nori Geary Thomas Lutz
0815 - 1100	**Session #1, Amylin** Thomas Lutz Barry Levin Claudia Liberini Lori Asarian

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1600	**Coffee**
1700 -1945	**Session #2, Bariatric** Anna Surowska Deborah Clegg Ghalia Abdeen Hans-Rudi Berthoud Nori Geary
2000	**Dinner** in the Brasserie Restaurant (4-course menu)

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MONDAY 2.3.

0800 - 1100 **Session #3, GLP-1**
Wolfgang Langhans
Matt Hayes
Shin Lee
Lynda Whiting
Adam Chambers

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1600 **Coffee**

1700 - 1945 **Session #4, Metabolism**
Suzanne Dickson
Danijela Vojnović Milutinović
Vanees Campos
Camille Crézé
Ana Djordjevic

2000 **Dinner** in the Pizzeria Restaurant (Cheese Fondue)

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TUESDAY 3.3.

0800 - 1130 **Session #5, Methods & More**
David Sarruf
Will de Lartigue
Scott Tiesma
Harry Knot
Robert Steinert
Catherine Kotz

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Free Afternoon

2000 **Dinner** in the Stüva Restaurant (Bündner Buffet)

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WEDNESDAY 4.3.

0800 - 1100 **Session #6, Flavor**
Lindsey Schier
Alan Spector
Wolfgang Meyerhof
Cordelia Running
Monika Pischetsrieder
Andreas Hess

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1600 **Coffee**

1700 - 1945 **Session #7, Clinical**
Charlotte Erlanson-Albertsson
Tito Borner
Thomas Riediger
Charles Billington
Dana Small

2000 **Dinner** in the Stüva Restaurant (4-course menu)

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THURSDAY 5.3.

0800 - 1100 **Session #8, Take-home Messages**
Christelle Le Foll
Friedbert Weiss
John-Olov Jansson
Tobias Hoch
Tim Moran

1100 – 1300 **Check out**

Farewell !
Uf Wiederluege !
Sin seveser !
Arrivederci !
Au Revoir !

ABSTRACTS

Listed alphabetically by **presenting author in bold**

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ACKNOWLEDGEMENT

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Changes in appetitive behaviour after vertical sleeve gastrectomy in adolescents

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The estrogenic control of amylin satiation does not depend on leptin signaling in the nucleus of the solitary tract (NTS)

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Does gastric bypass surgery change body weight set point?

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Vagal Blockade for Obesity?: The ReCharge Study.

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The involvement of central GLP-1 signaling in the mediation of cancer anorexia and body weight loss in hepatoma tumor bearing rats

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Effects of soft drinks and sweetened drinks on hepatic fat content in overweight subjects

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Role of pancreatic glucagon-like peptide-1 in glucose homeostasis

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Roux-en-Y Gastric Bypass Induces Browning of Gonadal Adipose Tissues

Michael D. Neinast[1], Aaron P. Frank[1,2], Juliet F. Zechner[1], Biff F. Palmer[1], Vincent Aguirre[1], Lavanya Vishvanath[1], Rana Gupta[1], and **Deborah J. Clegg[1,2]**.

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Impact of Liquid Sugar Reduction on Behavioral and Brain Responses to Food Viewing

Camille Crézé[1,2], Marie-Laure Bielser[1], Jean-François Knebel[1,3], Vanessa Campos[2], Luc Tappy[2,4], Micah Murray[1,3], Ulrike Toepel[1]

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A novel method for selective ablation of vagal afferent neurons innervating the gut in rats

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Impact of repeated stress on caloric efficiency in the rat.

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The effects of different dietary fructose loads on hypothalamic inflammation, leptin and insulin sensitivity and visceral adiposity in male rats

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Green leaf thylakoids reduce body weight and visceral fat mass in rodents

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Leptin and hunger in RYGB rats

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GLP-1 receptors expressed on NTS astrocytes regulate energy balance

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Functional MRI reveals differential brain activation pattern of the snack food chips

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Vaccenic acid ethanolamide (VEA) – a new player in the endocannabinoid system regulating food intake

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The gut microbiota reduces leptin sensitivity and the expression of the obesity suppressing neuropeptides proglucagon (*Gcg*) and brain-derived neurotrophic factor (*Bdnf*) in the central nervous system.

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Metabolic phenotyping for the next decade, challenges, directions and possibilities

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Uncovering orexin circuits that regulate physical activity using optogenetics and DREADDS.

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Role of endogenous peripheral GLP-1 in energy homeostasis and glycemic control

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GLP-1 receptors (GLP-1R) in the dorsomedial hypothalamus (DMH) are essential for the regulation of food intake and body weight

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Brain fatty acid and ketone sensing and the regulation of food intake in DIO and DR rats

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Amylin-IL-6 Enhancement of VMH Leptin Signaling

Barry E. Levin, Miranda Johnson, Louise Larsen, Ambrose Dunn-Meynell, Christina Boyle, Thomas Lutz, Matthew Hayes and Christelle Le Foll

Next-generation sequencing analysis reveals modulation of neurogenesis and developmental gene networks in the rat area postrema after amylin treatment.

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Amylin and leptin interact in the control of eating

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The sweet temptation: Action of sweet proteins at the sweet taste receptor

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Molecular Determinants and Neural Regulation of Snack Food Intake

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Novel ghrelin receptor inverse agonists as possible therapeutics against overweight and metabolic disease

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Qualitative perception of non-esterified fatty acids: potential overlap with bitter or unpleasant stimuli

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Hydrodynamic gene delivery as a tool to assess efficacy of hormones in mouse models of obesity and diabetes.

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Discerning the functional organization of taste-visceral integrative behaviors in the insular cortex of the rat

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Reversing dorsal striatal adaptations in obesity that are associated with impulsivity

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Lessons from Lesions in the Gustatory Zone of the Insular Cortex: Implications and Future Directions

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Gastrointestinal mechanisms underlying the eating-inhibitory effects of dietary fibre

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Abolition of sugar-induced postprandial hypertriglyceridemia after Roux-en-Y Gastric Bypass surgery

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Continuous Glucose Correlation with Food Intake in the Male C57BL Mouse

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Interactions between stress and dietary fructose in the development of the metabolic-like phenotype in Wistar rat

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History of cocaine self-administration leads to compulsive appetite via disruption of non-homeostatic control of food intake in rats

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