



***12<sup>TH</sup> SWISS WINTER CONFERENCE***

***on***

***INGESTIVE BEHAVIOR***

**St. Moritz**

**Switzerland**

**12 February – 16 February 2022**

## **ACKNOWLEDGEMENTS**

*The organizers gratefully acknowledge:*

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## PROGRAM

### *12<sup>th</sup> Swiss Winter Conference on Ingestive Behavior*

**12 February – 16 February 2022**

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### **Organizers**

*Thomas A Lutz  
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Barry Levin  
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Registration and opening reception on Saturday  
are in the Aula Lobby

Scientific sessions are in the Hannes Reimann-Saal

Afternoon coffee and cake are in the Stüva Restaurant

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

**SCHEDULE**  
**20min talk/10min discussion**

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**SATURDAY 12.02.22**

**16.00**            **Registration** in the Aula Lobby

**18.00**            **Greeting Reception** in the Aula Lobby

**19.00**            **Dinner** in the Stüva Restaurant

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**SUNDAY 13.02.22**

**08.00**            **Welcome & Introduction**  
Thomas Lutz

**08.10 – 11.00** **Session #1, Ingestive behavior, Bariatric surgery**  
Heisler, Schraner, Serra, Rochford. Alceste, Berthoud

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**17.00 – 19.30** **Session #2, Bariatric surgery, Peptides, Hormones**  
Spector, Steinert, Borner, Lutz, Lundh, Samson

**20.00**            **Dinner**

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**MONDAY 14.02.22**

**08.00 – 11.00** **Session #3, Hormones, Other topics of interest**  
Scherer, Ravussin, Butera, Coester, Boyle, Le Foll

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**17.00 – 19.30** **Session #4, Bariatric surgery, Peptides, Hormones**  
Spector, Steinert, Borner, Lutz, Samson

**20.00**            **Dinner**

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**Tuesday 15.02.22**

**08.00 – 11.00 Session #5, Hormones, Other topics of interest**  
Scherer, Ravussin, Butera, Coester, Boyle, Le Foll

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**11.00 – 11.15 Farewell**

*Farewell !*

*Auf Wiedersehen !*

*Uf Wiederluege !*

*Sin seveser !*

*Arrivederci !*

*Au Revoir !*

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**Correlation between microstructure of ingestive behavior and body weight loss in patients one year after Roux-en-Y gastric bypass**

**Daniela Alceste**, Michele Serra, Ivana Raguz, Marco Bueter

Department of Surgery and Transplantation, University Hospital Zurich, Switzerland

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**Validation study of energy intake with image-based food recognition app as a dietary record tool against Doubly Labeled Water**

**Daniela Alceste**, Michele Serra, Marco Bueter

Department of Surgery and Transplantation, University Hospital Zurich, Switzerland

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**Gut-Brain Communication, Food Choice, and Bariatric Surgery**

**Hans-Rudolf Berthoud**, Yanlin He, Vance L. Albaugh, Sangho Yu, Heike Münzberg, Christopher D. Morrison

Neurobiology of Nutrition & Metabolism Department, Pennington Biomedical Research Center, Louisiana State University System, Baton Rouge, LA USA.

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**GDF15 and semaglutide inhibit food intake and body weight through largely distinct mechanisms that lead to additive effects when combined**

**Tito Borner**<sup>1</sup>, M. Ghidewon<sup>1</sup>, H.S. Wald<sup>1</sup>, A. McKnight<sup>1,2</sup>, B. C. De Jonghe<sup>1</sup>, D. Breen<sup>3</sup>, A. L. Alhadeff<sup>1,2</sup>, and H. J. Grill<sup>1</sup>

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## **The role of hindbrain melanocortin signaling in FGF-1 treatment for diabetes**

**Bernd Coester**<sup>1</sup>, Marie Bentsen<sup>1,2</sup>, Jarrad Scarlett<sup>3</sup>, Tune Pers<sup>1</sup>

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## **Neuropeptide Y neurons within the nucleus of the solitary tract regulate feeding**

**Lora K. Heisler**, Yuliia V. Martynova, Pablo B. Martinez de Morentin and Justin J. Rochford

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## **Role of microglia CTR in mediating the amylin-leptin interaction in mice**

**Bernd Coester**<sup>1,2</sup>, Barry Levin<sup>2</sup>, Christelle Le Foll<sup>3</sup>, **Thomas A. Lutz**<sup>3</sup>

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## **Impact of hypothalamic fatty acid uptake on energy and glucose homeostasis in mice**

Patricia Kulka, **Christelle Le Foll**

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## **Neuronal distribution and activation patterns in rodents after acute dosing of the novel non-selective amylin analogue cagrilintide**

**Sofia Lundh**, Marina Kjærgaard Gerstenberg, Anna Secher, Linu Mary John, Wouter Hogendorf, Joakim Holck Andersen, Kirsten Raun

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## **Physiological inflammation in the hypothalamus and CNS augments counter regulation**

**Giulia Maurizi**, Kenichi Sakamoto, Habibur Rahman, Alice Butera, Azeddine Tahiri, Camille Reeves, Shameelah Yassim, Bandy Chen and Christoph Buettner.

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## **On the Horizon: Nutrition for Precision Health**

**Eric Ravussin**, Leanne Redman

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## **Site-specific deletion of the CARTp receptor, GPR160, and the neuronostatin receptor, GPR107, in transgenic rats**

**Rick Samson**, Grant Kolar and Gina Yosten

Pharmacology and Physiology, Saint Louis University

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**Leptin increases VLDL triglyceride secretion and reduces hepatic lipid content in lean male subjects**

**Thomas Scherer**<sup>1</sup>, Matthäus Metz<sup>1</sup>, Marianna Beghini<sup>1</sup>, Peter Wolf<sup>1</sup>, Magdalena Bastian<sup>1</sup>, Martina Hackl<sup>1</sup>, Sabina Baumgartner-Parzer<sup>1</sup>, Alexandra Kautzky-Willer<sup>1</sup>, Michael Trauner<sup>2</sup>, Rodrig Marculescu<sup>3</sup>, Michael Krebs<sup>1</sup>, Martin Krššák<sup>1</sup>, Lorenz Pflieger<sup>1</sup>, Herbert Stangl<sup>4</sup>, Clemens Fürnsinn<sup>1</sup>

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**GLP-1 dependent mechanisms contributing to cancer anorexia-cachexia syndrome**

**Marissa Schraner**, Thomas Lutz, Thomas Riediger

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**The role of sucks and inter-suck intervals in the microstructure of ingestive behavior of patients one year after Roux-en-Y gastric bypass**

**Michele Serra**, Daniela Alceste, Ivana Raguz, Marco Bueter

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**Does Gastric Bypass Alter Taste Function?**

**Alan C. Spector**, Kellie M. Hyde, Clare M. Mathes, Ginger D. Blonde

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**Effect of prebiotic fibre on gut microbiome metabolic activity and appetite in RYGB patients: A prospective, single center, randomized, double-blind, pilot study**

**RE. Steinert**, M. Mueller, S. Sigris, M. Serra, D. Gero, D. Alceste, J. Widmer, I. Raguz, A. Thalheimer, M. Bueter.

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