



07.30	Registration		
08.00 – 08.30	Platinum Sponsor's Symposia (Ettore Rossi) «Treatment perspectives for patients with chronic kidney disease and type-2 diabetes» (Bayer) (Anne Zanchi Delacrétaz and Michel Burnier, Lausanne CH)		
08.30 – 09.00	«Diabetes Type 2 Treatment and Cardiovascular prevention in 2021» (Eli Lilly) (Markus Menzen, Bonn DE)		
09.15 – 10.00	Plenary Lecture – virtual presentation <i>Chair: Stefan Bilz</i> «25 years after the cloning of the sodium-iodide symporter. From cell biology to theranostics» Christine Spitzweg (Munich DE)		 (Ettore Rossi)
10.00 – 10.30	Coffee Break		(exhibitor area)
10.30 – 12.30	Oral Presentations (Kursraum 1) Session Basic / Clinical 1 (Metabolism / Diabetes) 8 talks <i>Chairs: Jarden Puder, Daniel Konrad</i>	Oral Presentations (Ettore Rossi) Session Basic / Clinical 2 (Endocrinology) 8 talks <i>Chairs: Matthias Betz, Peter Kopp</i>	
12.30 – 13.30	Lunch		(exhibitor area)
12.30 – 13.30	Poster Session (Ettore Rossi)	Tarifworkshop (Kursraum 1) Bernd Schultes (St. Gallen CH) Oliver Zwermann (Basel CH)	
13.30 – 14.10	Albert Renold Lecture – virtual presentation (Ettore Rossi) <i>Chair: Daniel Konrad</i> «100 years after the discovery of insulin: what is at the horizon?» Dan Drucker (Toronto CA)		
14.15 – 14.45	Prize Session		(Ettore Rossi)
14.45 – 16.30	Clinical Updates (Ettore Rossi) <i>Chairs: Amira Kraytem, Stefan Bilz</i> 14.45 – 15.15 «Thermal ablation of thyroid lesions. What is hot and what is not?» Stefan Fischli (Lucerne CH) 15.15 – 15.45 «Hormone replacement therapy in 2021» Petra Stute (Bern CH) 15.45 – 16.15 «Treatment of diabetes mellitus type 2 in 2021» Barbara Lucchini (Locarno CH)		
16.30	Apéro		(exhibitor area)

This event is kindly supported by the



Goldponsors: HRA Pharma | IBSA SA | Kyowa Kirin GmbH | Medtronic (Schweiz) AG | Mundipharma Medical Company | Pfizer AG | Ypsomed AG

ORAL PRESENTATIONS «BASIC / CLINICAL» – METABOLISM / DIABETES

Friday, 12th November, 10:30 – 12:30, Room «Kursraum 1»

Chairs:

10.30 **Abstract 01 (S) – Neural correlates of working memory in early-treated adult patients with Phenylketonuria**

Stephanie Abgottspon, Raphaela Muri, Shawn Christ, Michel Hochuli, Martin Zbinden, Nicolas Langer, Regula Everts, Roman Trepp (Berne, Columbia USA, Zürich)

10.45 **Abstract 06 – Effectiveness of a real-life group program (DIAfit) to promote physical activity in patients with type 2 diabetes: a pragmatic cluster randomized clinical trial**

Amar Arhab, Nicolas Junod, Jean-Benoit Russel, Olivier Giet, Frederic Sittarame, Sandra Beer5, Daniela Sofra, Dominique Durrer, Humberto Delgado, Montserrat Castellsague, Markus Laimer, Jardena J. Puder (Lausanne, Gland, Sierre, Genève, Berne)

11.00 **Abstract 21 – Perioperative fully closed-loop insulin delivery versus standard insulin therapy in adults undergoing pancreatic surgery**

David Herzig, Simon Suhner, David Studer, Jonathan Roos, Daniel Schürch, Dominik Günsch, Beat Gloor, Andreas Vogt, Lia Bally (Berne)

11.15 **Abstract 69 (S) – Endocrine and metabolic counterregulation to postprandial hypoglycemia in patients with postprandial hypoglycemia after gastric bypass compared to non-affected surgical and non-surgical controls**

A. Tripyla, D. Herzig, A. Müller, A. Gretz, G. Reverter, P. Eugster, E. Grouzmann, J. Pavan, C. Dalla Man, S. Del Favero, J. Zehetner, D. Giachino, P. Nett, A. von Eckarstein, L. Bally (Berne, Lausanne, Padova Italy, Zurich)

11.30 **Abstract 33 (S) – Non-invasive hypoglycemia detection for drivers with diabetes: A machine learning approach using driving and gaze behavior data**

Vera Lehmann MD, Thomas Zueger MD, Martin Maritsch, Mathias Kraus PhD, Caroline Albrecht, Caterina Bérubé, Stefan Feuerriegel PhD, Felix Wortmann PhD, Tobias Kowatsch PhD, Naima Styger, Sophie Lager, Markus Laimer MD, Elgar Fleisch PhD, Christoph Stettler MD (Berne, Zurich, Erlangen-Nürnberg D, St. Gallen)

11.45 **Abstract 91 – Bone microarchitecture and strength in patients with long-standing type 1 diabetes**

Lilian Sewing, Laura Potasso, Sandra Baumann, Denis Schenk, Furkan Gazozcu, Kurt Lippuner, Marius Kraenzlin, Philippe Zysset, Christian Meier (Basel, Berne)

12.00 **Abstract 53 – Precision medicine in diabetes: A non-invasive prenatal diagnostic test for the determination of fetal glucokinase mutations**

Thierry Nospikel, Jean-Louis Blouin, Jardena Puder, Bettina Köhler Ballan, Valerie M. Schwitzgebel (Geneva, Lausanne)

12.15 **Abstract 76 – Human Islet Amyloid Polypeptide Expression Combined with PC1/3 Deficiency Induces Frank Diabetes in Mice**

Daniel T. Meier, Leila Rachid, Marianne Böni-Schnetzler, Marc Y. Donath (Basel)

ORAL PRESENTATIONS «BASIC / CLINICAL» – ENDOCRINOLOGY

Friday, 12th November, 10.30 – 12.30, Room «Ettore Rossi»

Chairs:

- 10.30 **Abstract 08** – Glucagon-stimulated copeptin measurements: a novel approach for the differential diagnosis of polyuria-polydipsia syndrome
Cihan Atila, Odile Gaisl, Gabor Szinnai, Mirjam Christ-Crain (Basel)
- 10.45 **Abstract 19** – 18F-Fluorocholine-PET combined with contrast-enhanced CT for localizing hyperfunctioning parathyroid glands in patients with hyperparathyroidism
Stefan Fischli, Markus Gass, Corinna Wicke, Caroline Mona, Klaus Strobel, Werner Müller, Jürg Metzger, Isabelle Suter-Widmer, Christoph Henzen (Lucerne)
- 11.00 **Abstract 49 (S)** – Alterations in cortical grey matter volume in adults with early-treated phenylketonuria
Raphaella Muri, Stephanie Abgottspon, Christian Rummel, Michael Rebsamen, Roland Wiest, Michel Hochuli, Bernadette M. Jansma, Regula Everts, Roman Trepp (Berne, Maastricht NL)
- 11.15 **Abstract 74 (S)** – Essential oil metabolites can regulate adrenal Androgen production
Katyayani Sharma, Angelo Lanzilotto and Amit V Pandey (Berne)
- 11.30 **Abstract 77** – Cholesterol deprivation drives DHEA production in human adrenals
Emanuele Pignatti, Emre Murat Altinkilic, Idoia Martínez de LaPiscina, Alexander Kanitz, Kostantin Bräutigam, Aurel Perren, Mihaela Zavolan, Christa E. Flück (Berne, Barakaldo Spain, Basel)
- 11.45 **Abstract 75 (S)** – Colonization by the common mouse protozoa *Tritrichomonas* modulates gut innate immunity and impacts glucose tolerance
Andy J. Y. Low, Angela J. T. Bosch, Lena Keller, Zihan Ding, Claudia Cavelti-Weder (Basel)
- 12.00 **Abstract 79** – IL-18 binding protein (IL-18BP) deficiency alters gut microbiota composition and exacerbates both type 1 and type 2 inflammation in liver during nutritional stress
Emmanuel Somm, Elodie Perroud, Vladimir Lazarevic, Jacques Schrenzel, Cem Gabay, François R. Jornayvaz (Geneva)
- 12.15 **Abstract 78 (S)** – Loss of protein stability and function caused by a single point mutation (P228L) in the Cytochrome P450 Oxidoreductase.
Rojas Velazquez, Maria Natalia; Noebauer, Mathias; Pandey, Amit V. (Berne)