Virtual Lecture Series 2021
Agenda

Satellite-Event

Tuesday, October 5, 2021
Moderation: Freimut Schliess (Profil Institut für Stoffwechselforschung GmbH, Germany)

iPDM-GO: A pan-European Approach to Science & Innovation in Diabetes Care

15:30 – 15:40 Welcome and Introduction to the DZD

15:40 – 16:20 Structured feedback loops in diabetes care: from the conception to the proof-of-concept of an integrated personalised diabetes management (iPDM)

Bernhard Kulzer
Research Institute of the Diabetes-Academy Bad Mergentheim, Germany

16:20 – 16:35 iPDM Goes Europe: a pan-European collaboration initiative for implementing iPDM in value-based healthcare

Freimut Schliess
Profil Institut für Stoffwechselforschung GmbH, Germany

16:35 – 16:50 Digital phenotyping, disease course prediction and cost containment: The diafocus patient assessment tool

Claus L. Cramer-Petersen
Dawn Health, Denmark

16:50 – 17:05 Value-based health care in Denmark

Karsten Vrangbæk
University of Copenhagen, Denmark

17:05 – 17:20 Using machine learning for the earlier prediction of chronic kidney disease

Rui Wang-Sattler
Helmholtz Zentrum München / DZD, Germany

17:20 – 17:30 Discussion & Wrap up: Where are we with an integrated personalised diabetes management in 15 years?

17:30 – 18:00 Virtual Get-together
Virtual Lecture Series 2021

Agenda

Thursday, October 7, 2021

Moderation: Meriem Ouni (German Institute of Human Nutrition, Germany)
Raffaele Teperino (Helmholtz Zentrum München, Germany)

Transgenerational epigenetic inheritance of metabolic disorders

Keynote-Area
15:30 – 15:40 Welcome and Introduction to the DZD

15:40 – 16:10 Transgenerational impact of paternal Western diet exposure on metabolic disease susceptibility
Valérie Grandjean
Université Côte d’Azur, France
Chair: tba
Institution

16:10 – 16:40 title of talk tba
Klaus Kästner
University of Pennsylvania, USA
Chair: tba
Institution

16:40 – 17:00 Joint moderated discussion

Community-Area
17:00 – 17:20 Data Blitz: Lightning Talks
Leona Kovac – German Institute of Human Nutrition, Germany: Transcriptional and epigenetic responses of diabetic skeletal muscle to metabolic surgery
Lucas Maurin – University of Lille, France: Epigenome-wide study of the exocrine pancreas identifies hyper-methylation in the PNLIPRP1 gene associated with type 2 diabetes
Vaibhav Sheth – National Institute of Pharmaceutical Education and Research, India: Intergenerational transfer of parental prediabetes induced alteration in epigenetic marks prevented by probiotic strain Lactobacillus Rhamnosus
Paula González – Complutense University of Madrid, Spain: Implication of miR-155-5p and miR-143-3p in the vascular insulin resistance and instability of human and experimental atherosclerotic plaque

17:20 – 17:30 Joint moderated discussion

Networking-Area
17:30 – 18:00 Virtual Get-together
Meet the Speaker | Discussion round tables
Meet the Organizers | Drinks & ChitChat
Tuesday, October 12, 2021
Moderation: Patricia Zaharia (German Diabetes Center, Germany)
Robert Wagner (Institute of Diabetes Research and Metabolic Diseases, Germany)

On the road to precision medicine: classification of diabetes subtypes

Keynote-Area
15:30 – 15:35 Welcome
15:35 – 16:05 Sub-classification of diabetes: possibilities and challenges
   Miriam Udler
   Harvard Medical School, USA
   Chair: Haifa Maalmi
   German Diabetes Center Düsseldorf, Germany

16:05 – 16:35 Progress, prospects and pitfalls on the road to precision diabetes medicine
   Paul Franks
   Novo Nordisk Foundation, Denmark
   Chair: tba
   Institution

16:35 – 17:00 Joint moderated discussion

Community-Area
17:00 – 17:20 Data Blitz: Lightning Talks
   Núria Amigó – University of Rovira i Virgili, Spain: NMR metabolomics, a successful strategy to identify a type 2 diabetes mellitus (DM) molecular signature beyond glucose in the di@betes study
   Rebecca Goutchtat – University of Lille, France: Contribution of intestinal glucose absorption in type 2 diabetes onset and progression: retrospective studies in healthy minipigs and obese patients
   Katharina Kappo – Technical University Munich, Germany: Untargeted, ultra-high-resolution metabolome analysis in primary human preadipocytes of FTO allele risk carriers (rs1421085) during differentiation
   Hugo Ramos Abellan – Vall d’Hebron Research Institute, Spain: Topical ocular administration of sitagliptin, a DPP-4 inhibitor, prevents the downregulation of neuroretinal presynaptic proteins induced by diabetes

17:20 – 17:30 Joint moderated discussion

Networking-Area
17:30 – 18:00 Virtual Get-together
   Meet the Speaker | Discussion round tables
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Thursday, October 14, 2021
Moderation: Alba Sulaj (University Hospital Heidelberg, Germany)
Olga Ramich (German Institute of Human Nutrition, Germany)

**Dietary approaches in diabetes therapy**

- **Keynote-Area**
  - 15:30 – 15:35 Welcome
  - 15:35 – 16:05 *Lifestyle Strategies for Cardiometabolic Disease*
    - **Pam Taub**
      University of California, USA
    - Chair: tba
      Institution

  - 16:05 – 16:35 *The aetiology of type 2 diabetes and its application to routine treatment*
    - **Roy Taylor**
      Newcastle University, UK
    - Chair: tba
      Institution

  - 16:35 – 17:00 Joint moderated discussion

- **Community-Area**
  - 17:00 – 17:20 *Data Blitz: Lightning Talks*
    - **Giovanni Fanni** – Uppsala University, Sweden: Enhanced endocrine responses to oral glucose but not to iv arginine in a cohort of patients with type 2 diabetes and obesity two years after gastric bypass
    - **Marcela Prada** – German Institute of Human Nutrition, Germany: Plasma industrial and ruminant trans fatty acids and incident type 2 diabetes in the EPIC-Potsdam cohort
    - **Lise Voland** – Sorbonne University / INSERM, France: Severe Obesity Is Associated with Altered Gut Microbiota B Vitamin Metabolism
    - **Theresa Ester** – Institute for Diabetes Research and Metabolic Diseases, Germany: Boosting insulin sensitive brain regions to promote metabolic health

  - 17:20 – 17:30 Joint moderated discussion

- **Networking-Area**
  - 17:30 – 18:00 *Virtual Get-together*
    - Meet the Speaker | Discussion round tables
    - Meet the Organizers | Drinks & ChitChat