

---

## 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

 Keynote-Area

- 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 intergrated 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**



## 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

Meet the Organizers | Drinks & ChitChat



## 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 Volland – 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

# Virtual Lecture Series 2021

## Agenda



**DZD**  
German Center for  
Diabetes Research  
—  
Diabetes Research School

---