



Tuesday, 30 November 2021

11:00 – 16:00

CRTD, auditorium left (invited guests) & via Zoom

Frontiers
in Regeneration

CRTD Hybrid-Symposium

“Organoids as models of human development and disease”

11:00 – 11:15

Wieland Huttner

MPI-CBG, Dresden

“Cerebral organoids as models to study neocortex development in hominin evolution.”

11:15 – 11:30

Theresa Schütze (Albert Group)

CRTD, Dresden

“Cell type-specific enhancer activity in neocortex development and evolution”

11:30 – 11:45

Nataliya Di Donato

University Hospital Carl Gustav Carus, Dresden

“Actin-related cortical malformations in a dish”

11:45 – 12:00

Natalia Rodriguez-Muela

DZNE, CRTD, MPI-CBG, Dresden

“Spinal cord organoids to study selective neuronal vulnerability in motor neuron diseases”

12:00 – 12:15

Daniel Stange

University Hospital Carl Gustav Carus, Dresden

“Patient-derived cancer organoids to predict therapy response”

12:15 – 12:30

Meritxell Huch (via Zoom)

MPI-CBG, Dresden

“Liver organoids to study regeneration”

**12:30 – 13:10:
Lunch**

13:10 – 13:20

Katrin Neumann

CMCB, Stem Cell Engineering Facility

“Introduction to the CMCB Stem Cell Engineering Facility”

13:20 – 13:30

Christina Eugster Oegema

MPI-CBG, Organoid and Stem Cell Facility

“An overview of the MPI-CBG Organoid and Stem Cell Facility”

13:30 – 13:45

Felix Wagner (Karl Group)

DZNE, CRTD, Dresden

“Live imaging of retinal pathology in human organoids”

13:45 – 14:00

Sylvia Gasparini (Ader Group)

CRTD, Dresden

“Retinal organoids as a source for transplantable human photoreceptors”

14:00 – 14:15

Yung Hae Kim (Grapin-Botton Group)

MPI-CBG, Dresden

“Pancreas organoids as models of human pancreas development and disease”

14:15 – 14:30

Anthony Gavalas

DZD/PLID, Dresden

“Embryonic and adult pancreas progenitors in culture: reduction or synthesis?”

14:30 – 14:45

Jesse Veenliet

MPI-CBG, Dresden

“Stembryogenesis: how sculpting with stem cells can teach us how embryos take shape”

**14:45:
Coffee**

**15:15:
Discussion**