

Online Kick-off Meeting of the Research Unit 5042 miTarget

“The Microbiome as a Therapeutic Target in Inflammatory Bowel Diseases”

Zoom Meeting, September 21st and 22nd 2020, 13.00 – 16.30

Monday, September 21st

13.00-13.10 Welcome
Speaker: Prof. Dr. Andre Franke

Session I

Chair: Prof. Dr. John Baines

Coordination

13.10-13.30 Project coordinator: Annika Gröning (IKMB, CAU/UKSH)

13.30-13.40 Questions

P1: Early microbiome changes and its antigenic potential in individuals at high-risk for inflammatory bowel diseases

13.40-14.00 Principle investigators: Prof. Dr. Petra Bacher
& Prof. Dr. Andre Franke (IKMB, CAU/UKSH)
PostDoc: Dr. Phillip Rausch
PhD student: Stephan Maurus-Schneiders

14.00-14.10 Questions and discussion

P3: Pregnancy as a perturbation principle of the intestinal microbiota: impact on intestinal inflammation and inflammation-associated cancer

14.10-14.30 Principle investigator: Prof. Dr. Philip Rosenstiel (IKMB, CAU/UKSH)
PostDoc: Dr. Celia Escudero-Hernández

14.30-14.40 Questions and discussion

14.40-14.55 Break

Session II

Chair: Prof. Dr. Philip Rosenstiel

P10: Bacterial evolution during chronic inflammation and its potential for ancestral state restorative therapy

14.55-15.15 Principle investigators: Prof. Dr. John Baines & Prof. Dr. Daniel Unterweger
(IEM, CAU; MPI Plön)

PostDoc: Dr. Marie Vallier

15.15-15.25 Questions and discussion

P4: The role of tobacco smoke-induced changes of the microbiome in shaping risk for IBD

15.25-15.45 Principle investigators: Prof. Dr. Susanne Krauss-Etschmann (FZ Borstel)
& Prof. Dr. Robert Häsler (IKMB, CAU/UKSH)

PhD student: Ioannis Vasilas

15.45-15.55 Questions and discussion

P5: Microbial modulation of glycolysis and its impact on inflammation and cancer

15.55-16.15 Principle investigator: Dr. Felix Sommer (IKMB, CAU/UKSH)

PhD student: Lena Schröder

16.15-16.25 Questions and discussion

General discussion

16.25-16.30

Tuesday, September 22nd

Session III

Chair: Prof. Dr. Philippe Schmitt-Kopplin

P7: Microbiome therapeutics as an innovative concept in IBD

13.00-13.20 Principle investigator: Dr. Konrad Aden (IKMB, CAU/UKSH)

13.20-13.30 Questions and discussion

P8: Cultivation and characterization of IBD-relevant microbes

- 13.30-13.50 Principle investigators:
 Prof. Dr. Jan Rupp (KIM, UzL/UKSH)
 Prof. Dr. Andreas Tholey (IEM, CAU)
 Speaker: Dr. Simon Graspentner (KIM, UzL/UKSH)
 PhD students: Kathrin Schäfer and Jerome Genth
- 13.50-14.00 Questions and discussion

P10: Bacterial evolution during chronic inflammation and its potential for ancestral state restorative therapy

- 14.00-14.20 Principle investigator:
 Prof. Dr. Jan-Bernd Hövener (MOIN CC, CAU/UKSH)
 PostDoc: Dr. Tuula Peñate Medina
 PhD student: Arianna Ferrari
- 14.20-14.30 Questions and discussion
- 14.30-14.45 Break

Session IV

Chair: Dr. Felix Sommer

INF: Data management, bioinformatics and statistics

- 14.45-15.05 Principle investigators:
 Prof. Dr. David Ellinghaus (IKMB, CAU/UKSH)
 Prof. Dr. Astrid Dempfle (IMIS, CAU)
 PhD student: Eike Matthias Wacker
- 15.05-15.15 Questions and discussion

Z: Metabolomics, microbial community modelling and data integration

- 15.15-15.35 Principle investigators:
 Prof. Dr. Christoph Kaleta (IEM, CAU)
 Dr. Silke Heinzmann & Dr. Alesia Walker (HMGU)
- 15.35-15.45 Questions and discussion

General discussion

- 15.45-16.30

Join Zoom Meeting

<https://us02web.zoom.us/j/82159191668?pwd=MmlNa01XZmFrSW1HNnB5Mn0vbnRzQT09>

Meeting ID: 821 5919 1668

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