

Thursday, September 9th

Dinner at a typical German "Almhütte"

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| 18:00 | Start of the hiking trip |
| 18:30 | Bus departure to the "Almhütte" |

Friday, September 10th

Welcome

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|-------|-------|--------------------------|
| 09:00 | 09:10 | Welcome and Introduction |
| 09:10 | 10:30 | Introduction round |

10:30 – 11:00 *Coffee Break*

Session I

| | | | |
|-------|-------|---|---|
| 11:00 | 11:25 | The Promise of Microbiota Modulation during COVID-19 Pandemic | Siew C. Ng, Hong Kong |
| 11:25 | 11:55 | Post Covid Syndrom | Stefan Schreiber, Kiel Thomas Bahmer Florian Tran |
| 11:55 | 12:25 | Discussion round | |

12:25 – 13:25 *Buffet Lunch*

Session II

| | | | |
|-------|-------|---|--|
| 13:25 | 13:50 | The role of the gut-brain axis in acute and chronic neurodegeneration | Arthur Johann Liesz, Munich |
| 13:50 | 14:20 | Microbiota and probiotics in adolescent anorexia nervosa | Andreas Karwautz, Vienna Eva-Maria Gröbner |
| 14:20 | 14:50 | Microbiome and multiple sclerosis Host-microbiota interactions | Andre Franke, Corinna Bang, Malte Rühlemann, Kiel |
| 14:50 | 15:20 | Discussion round | |

15:20– 15:40 *Coffee Break*

Session III

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|-------|-------|--|---|
| 15:40 | 16:10 | Microbes leave a mark – host-microbiota interactions in malnutrition | Philip Rosenstiel, Kiel Magdalena Westermann |
| 16:10 | 16:35 | Psychobiotic Diet - Nutritional Modulation of the Microbiota-Gut-Brain Axis? | Kirsten Berding Harold, Ireland |
| 16:35 | 17:00 | Psychobiotics – Biotherapeutics for mental health | Sabrina Mörkl, Graz |
| 17:00 | 17:30 | Discussion round | |

19:30 *Dinner at PUR*

Saturday, September 11th

Session IV

| | | | |
|-------|-------|---|--|
| 09:00 | 09:25 | Pancreatic function, inflammation, infected necrosis and the gut microbiome | Fabian Frost, Greifswald |
| 09:25 | 09:50 | Identification of microbiome contributions to drug metabolism and toxicity | Michael Zimmermann, Heidelberg |
| 09:50 | 10:20 | Adaptation of microbial populations to the gut environment | Martin Polz, Vienna Xiaoqian Annie Yu |
| 10:20 | 10:50 | Discussion round | |

10:50 – 11:20 Coffee Break

Session V

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|-------|-------|--|--|
| 11:20 | 11:50 | Microbiome management for improving human and plant health | Gabriele Berg, Graz Tomislav Czernava |
| 11:50 | 12:15 | A common loss-of-function variant in the sucrase-isomaltase gene is linked to a healthier metabolic profile in adult Greenlanders. | Torben Hansen, Denmark |
| 12:15 | 12:40 | Application of single cell phenotyping and metabolomics in microbiome research | Philippe Schmitt-Kopplin, Munich |
| 12:40 | 13:05 | Aging and the gut microbiota | Karsten Kristiansen, Denmark Fan Zhao |
| 13:05 | 13:45 | Discussion round/Final discussion/closing remarks | |

13:45 Buffet Lunch