

Organizer / Contact

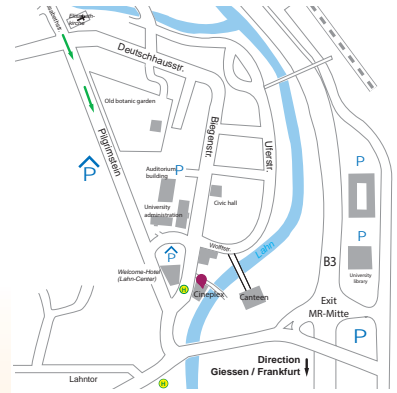
In January 2010, the Philipps-Universität Marburg and the Max Planck Institute for Terrestrial Microbiology established a Center for Synthetic Microbiology (SYNMIKRO) in Marburg, promoted by the Excellence Program of the state of Hesse (LOEWE). Today SYNMIKRO employs over 100 scientists in more than 30 groups who conduct its research in the rapidly growing field of synthetic microbiology.

In close collaboration with the Hessen Trade & Invest GmbH (HTAI), SYNMIKRO organises an annual scientific meeting focussing on the latest developments in the field of microbiology. This symposium has already a long tradition; in 2019 it will take place for the 9th time.

Hessen Trade & Invest GmbH (HTAI) is the economic development company of the State of Hesse. Its primary function is to promote Hesse's long-term success as a business and technology region and enhance its competitiveness on the national and international level.

Hessen-Biotech is the central information, communication and cooperation platform for life science based activities in Hesse. Its principle role is to link industry expertise in order to strengthen the innovation potential and competitiveness of companies and to promote the biotechnology and medical technology industry in Hesse.

Venue



Public transportation (recommended):

Step out of the main train station, cross the road to get to the bus stop. Bus line 1-5 and 7 will go to "Rudolphsplatz", which is near the venue. After getting off the bus, cross the street at the traffic lights.

By car:

Coming from the north, exit the freeway at "Marburg Bahnhofstrasse" and turn right at the first traffic light. Follow the course of the road and always stay right, the street will separate into two lanes and join again at the Elisabeth church. Drive straight ahead until you are in a street called "Pilgrimstein", where you will find a (charged) parking deck at your right (green arrows on the map).

Address of the nearest parking garage for navigation devices:

Pilgrimstein 17, 35037 Marburg

Registration

Participation is free but registration is required. Deadline for the registration is May 31st, 2019. Please register online at:

www.synmikro.de

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You never walk alone

We and our microbiome



June 18th, 2019

Philipps-Universität Marburg
Center for Synthetic Microbiology

Venue: Cineplex, Biegenstr. 1,
35037 Marburg

Participation is free!
Registration is required!
www.synmikro.de

You never walk alone - We and our microbiome

The human body is inhabited by an impressive number of microbes, the human microbiome. It is thought that the microorganisms in our body outnumber the human cells. The highest density of microbes, such as bacteria, archaea, fungi and viruses, is found in the intestinal and respiratory tracts, and on the skin.

In recent years, we have witnessed exciting research unraveling a relevance of the microbiome for human health and wellbeing. Key roles of the human microbiome in providing nutrients, programming the immune system, and preventing colonization by harmful microbes have been suggested.

At the SYNMIKRO Symposium 2019, leading scientists from academia and industry will come together to highlight recent breakthroughs and future trends in human microbiome research, and to discuss consequences for human health and therapeutic options.

Participation in the symposium is free of charge but registration is required.

Please visit www.synmikro.de for your online-registration.

Organizers:

Anke Becker (SYNMIKRO)

Erhard Bremer (SFB 987)

Program		11:45 - 12:15	Session 4 The Phagesome	
09:15 - 09:30	Welcome and opening remarks: Erhard Bremer (Speaker of the SFB 987)	Ulrich Steinhoff (Philipps-Universität Marburg) The Bermuda triangel of the gut: Food, bacteria and products hijack the immune system!	Chair: Knut Drescher	
Session 1 The human microbiome - key to our health?		12:15 - 13:30	15:45 - 16:15	
Chair:	Anke Becker	Lunch break	Eleanor Jameson (The University of Warwick, United Kingdom) Phage - future engineers of microbial community function?	
09:30 - 10:15	Peer Bork (EMBL, Heidelberg) The human microbiome and its clinical relevance	Session 3 From sequences to functions		
10:15 - 10:45	Michael Blaut (Deutsches Institut für Ernährungs- forschung, Potsdam) The intestinal microbiome – friend or foe?	Chair:	16:15 - 16:45	
10:45 - 11:15	Coffee break	Roland Lill	Andrey Shkporov (University College Cork, Ireland) Gut bacteriophages: fellow travellers or drivers of the microbiome?	
Session 2 Probiotics, the gut and the immune system		13:30 - 14:15	16:45 - 17:00	
Chair:	Andreas Brune	Dirk Haller (Technische Universität, München) Functional relevance of microbiome signatures	Short break	
11:15 - 11:45	Christine Lang (MBCC Group, Berlin) Re-balancing the microbiome as a concept for applied research	14:15 - 14:45	Public lecture	
		Thomas Kuri (Zymo Research, Freiburg) Improving the accuracy and reproducibility of microbiome measurements across labs	Chair:	Anke Becker
		14:45 - 15:15	17:00 - 17:45	Michaela Axt-Gadermann (Hochschule Coburg) Gesund mit Darm – Einfluss der Darmflora auf Gewicht, Allergien und Psyche
		Andreas Schwiertz (MVZ Institut für Mikroökologie Herborn) From science to medical routine - Where do we stand?	17:45 - 18:00	Closing remarks by Anke Becker (Managing director of SYNMIKRO)
		15:15 - 15:45		
		Coffee break		