



UNIVERSITÄTS**medizin.**
MAINZ



JOHANNES GUTENBERG
UNIVERSITÄT MAINZ



Leibniz-Institut für
Resilienzforschung

COSTS ARE COVERED BY



1ST EXPOHEALTH WORKSHOP 30.-31.10.2024 IN MAINZ, GERMANY

ROOM AND BUILDING WILL FOLLOW.

AGENDA

WEDNESDAY, OCTOBER 30TH 2024: EXTERNAL AND LOCAL EXPERTS

08:50 am	Welcome from the organizers: Andreas Daiber and Daniel Wollschläger (10min)
09:00 am	Welcome & note on the importance of environmental health research from Thomas Münzel , Medical Center of the Johannes Gutenberg University (15min)
09:15 am	Keynote lectures (chair: Andreas Daiber and Daniel Wollschläger) Paolo Vineis (London): The exposome – a frame for environmental health research (30+5min) Annette Peters (Munich): Climate change and health (30+5min) Sanjay Rajagopalan (Cleveland): Air pollution and health (30+5min)
11:00 am	Coffee break
11:30 am	Lectures by invited experts (chair: Mette Sorensen and Martin Röösli) Barbara Hoffmann (Düsseldorf): UFP and health effects – a systematic review (12+3min) Mark Miller (Edinburgh): Experimental approaches for PM health effects (12+3min) Charlotte Clark (London): Noise and other environmental stressors (12+3min) Sadeer Al Kindi (Houston): Geospatial data and AI- tools for exposome research (12+3min) George Biskos (Cyprus): Particle exposure studies: Vistas from aerosol S&T (12+3min) Giuseppe Valacchi (Ferrara): Pathomechanisms of air pollution and UV radiation (12+3min)
01:00 pm	LUNCH
02:15 pm	Lectures by invited/local experts & ECR (chair: Sanjay Rajagopalan and Charlotte Clark) Gabriele Bolte (Bremen): Social-epidemiological perspectives on environmental health research (12+3min) Gerardo Sanchez (EEA): What does EEA expect from future exposome research (12+3min) Marin Kuntic (Mainz): Size health effects of PM – comparison of nano vs. micro (12+3min) Raffael Kalisch (Mainz): New approaches in resilience research (12+3min) Omar Hahad (Mainz): Noise annoyance and other health effects (12+3min)
03:30 pm	Coffee break
04:00 pm	Lectures by local experts & ECR (chair: Thomas Münzel and Raffael Kalisch) Michael Schmeißer (Mainz): Noise, behaviour and brain-heart axis (12+3min) Matthias Lochmann (Wiesbaden): Environmental burden of disease at the environmental agency of Hessen (12+3min) Dominika Mihalikova (Mainz): Noise health effects in 3 models of diabetes/METS (12+3min) Fabienne Pradella (Mainz): Interactions between prenatal and postnatal exposures (12+3min) Hiba Oqba (Mainz): Association between childhood leukaemia and air pollution (12+3min) Federico Marini (Mainz): Enhancing omics data analysis and interpretation (12+3min)
05:30 pm	End of Meeting Day 1
07:00 pm	Interested participants can join us for dinner (no funding for this activity)

THURSDAY, OCTOBER 31ST 2024: PRESENTATION OF THE MARKOPOLO PROJECT

09:00 am	Opening words by the coordinator: Andreas Daiber
09:15 am	Overview by the administrative partner: Juliane Dittrich
09:30 am	Short presentations of tasks for animal research (chair: Giuseppe Valacchi and Marin Kuntic) Katja Kanninen (Kuopio): Co-exposure to UFP & noise (15min) tbd (Baltimore): MAO and BDNF in the brain-heart axis (15min) Federica del Monte (Charleston): Brain-heart axis in PM & noise brain/heart damage (15min) Andreas Daiber (Mainz): Co-exposure to PM/UFP & noise (15min)
10:30 am	Short presentations of tasks on computational research (chair: Mark Miller & Omar Hahad) Andreas Pozzer & Jos Lelieveld (Mainz): Computational modeling of UFP-health effects (15min) T. Berkemeier & U. Pöschl (Mainz): Computational modeling of PM oxidative potential (15min)
11:00 am	Coffee break
11:30 am	Short presentations of tasks for human research (chair: Annette Peters and Flemming Cassee) Mette Sorensen (Copenhagen): Exposure research with the Danish National Cohort (15min) Martin Rössli (Basel): Exposure research with the Swiss National Cohort (15min) Sandra Andrusaityte (Kaunas): Noise and PM/UFP, METS & dietary interventions (15min) Katarina Paunovic (Belgrade): Exposure to acute noise and sympatho-CV changes (15min)
12:30 pm	Short presentations of tasks for OMICs (chair: Paolo Vineis and Hualiang Lin) tbd (Odense): New approach for proteomics (15min) Katrín Frauenknecht (Luxembourg): New approach for epigenetics (15min) Katja Kanninen (Kuopio): Transcriptomics and metabolomics (10min)
01:10 pm	Lunch
02:00 pm	Short presentations of tasks for bioinformatics & social sciences & health data (chair: Gabriele Bolte and Sadeer al Kindi) Peter Nazarov (Luxembourg): Multi-modal data integration: modern approaches (15min) Ulrike Zeigermann (Würzburg): Knowledge transfer processes of environmental research data in different political landscapes – a framework analysis (15min) Philipp Wild (Mainz): Using the Gutenberg Health Study for exposome research (15min)
02:45 pm	Round Table – Wrap-Up and Discussion, next steps for MARKOPOLO All partners; Chair: Andreas (90min)
04:15 pm	End of Meeting Day 2

LAGEPLAN

Universitätsmedizin der
Johannes Gutenberg-
Universität Mainz

Stand 04/2012

jgu UNIVERSITÄTSmedizin.
MAINZ

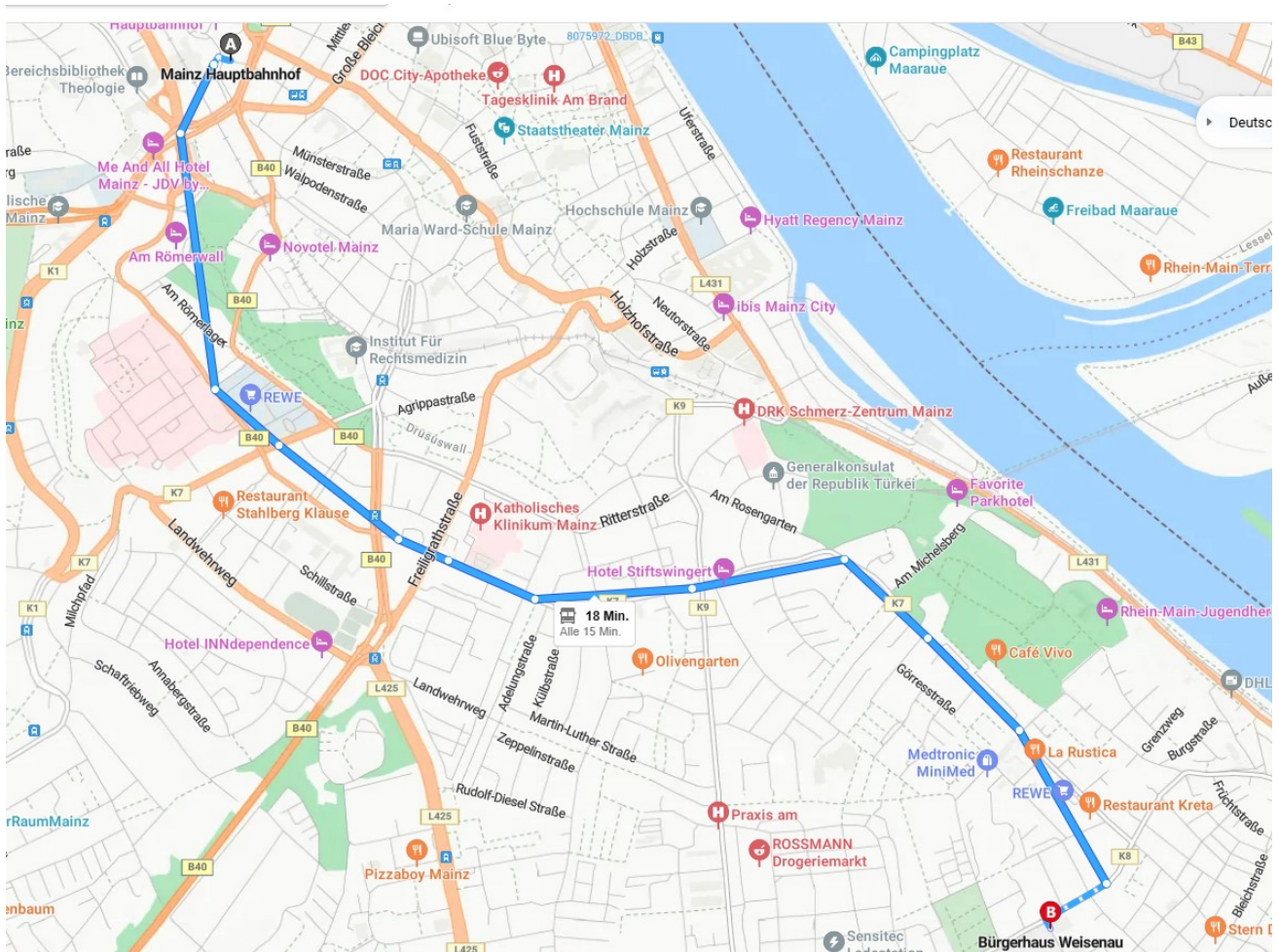


MEETING ROOM ON 30TH OCTOBER. BUILDING 906, LECTURE ROOM “AM PULVERTURM 13”

SEE GREEN CIRCLE IN THE LOWER LEFT CORNER OF THE MAP – ENTRY AT THE GREEN ARROW. THE LECTURE ROOM IS IN THE 3RD FLOOR (ELEVATOR IS AVAILABLE).

THE RED ARROWS MARK THE ENTRIES TO THE GARAGES (ROUGHLY 20 EUR PER DAY)

THE RED CIRCLE MARKS THE ENTRY TO THE BUILDING WHERE MY LABORATORY IS LOCATED (3RD FLOOR, MY OFFICE MARKED BY THE YELLOW CIRCLE). WALKABLE FROM MAIN STATION – 15 MIN



MEETING ROOM ON 31ST OCTOBER. BÜRGERHAUS WEISENAU, FRIEDRICH-EBERT-STR. 61, 55130 MAINZ
TAKE THE BUS LINE 62 PLATFORM G AT MAINZ MAIN STATION . OR JOIN THE BUS 62 AT UNIVERSITY
MEDICAL CENTER. EXIT AT STOP “FRIEDRICH-EBERT-STR.” . THE BUS TRIP TAKES 20 MIN FROM MAIN
STATION AND 16 MIN FROM UNIVERSITY MEDICAL CENTER.

THE MAP SHOWS THE BUS ROUTE. FROM BUS STOP TO THE MEETING CENTER WEISENAU IT IS 2 MIN WALK.
 I WILL SEND INFORMATION ON THE BUS DEPARTURE TIMES BEFORE THE MEETING AND WILL ALSO OFFER TO
 JOIN ME ON THE SECOND DAY AT MAIN STATION TO TAKE THE BUS LINE 62 TO THE MEETING CENTER
 WEISENAU.

