

MOMENTUM Microplastics & Human Health Scientific Conference

30 June 2025 – Utrecht

09:15 – 09:30 **Welcome and introduction**
 Juliette Legler, Utrecht University

09:30 – 10:40 **Session 1: Micro- and nanoplastic characterization and dosimetry**

09:30 – 10:00 **From Plastics to Micro-Nanoplastics: State of science, knowledge gaps and the way forward**
 Philip Demokritou , Rutgers School of Public Health

10:00 – 10:20 **Microplastics for Human Health Studies: From Formation Mechanisms to Production Methods**
 Luke Parker, TNO

10:20 – 10:40 **Poster pitches early stage researchers**

10:40 – 11:25 **Coffee break and poster session**

11:25 – 12:35 **Session 2A: Exposure**

11:25 – 11:55 **Barriers or gateways? How nanoplastics enter and distribute in the body**
 Matthew Campen, University of New Mexico

11:55 – 12:15 **Exposure assessment: advances in analytical approaches for quantification and characterization of MNPs**
 Marja Lamoree, Vrije Universiteit Amsterdam

12:15 – 12:35 **Poster pitches early stage researchers**

12:35 – 13:35 **Lunch break and poster session**

13:35 – 14:45 **Session 2B: Toxicology**

13:35 – 14:00 **Immunotoxicological hazards of MNP exposure: lessons learned from studying multiple MNP materials and sizes**
 Nienke Vrisekoop, UMC Utrecht

14:00 – 14:15 **Plastics in our food: investigating uptake and movement of nanoplastics in plants and escargots**
 Thijs Bosker, Leiden University - CML

14:15 – 14:30 **Microbiological hazards of micro- and nanoplastics** (working title)
 Ana Maria de Roda Husman, Dutch National Institute for Public Health and the Environment (RIVM)

14:30 – 14:45 **Poster pitches early stage researchers**

14:45 – 15:30 **Coffee break and poster session**

15:30 – 16:30	Session 3: Risk assessment
15:30 – 16:00	Overview on the POLYRISK risk assessment framework for micro- and nanoplastics particles and first insights into case studies Andrea Haase, German Federal Institute for Risk Assessment (BfR)
16:00 – 16:30	Risk Assessment Frameworks for micro- and nanoplastics (working title) Monique Groenewold, Dutch National Institute for Public Health and the Environment (RIVM) Bart Koelmans, Wageningen University and Research
16:30 – 16:55	Reflections from MOMENTUM Panel discussion
16:55 – 17:00	Closing Emma Kasteel, Utrecht University
17:00 – 18:00	Drinks