

**March 24, 2023 - 15:15 CET**

In person: Pyramide Event Hotel, Parkallee 2 2334 Vösendorf - Austria

Online: via Zoom

# Micro- and nanoplastics & human health: insights from science and research



## 15:15 Opening

**Tanja Ćirković Veličković** – IMPTOX Project Coordinator, University of Belgrade, Faculty of Chemistry

## 15:20 Microplastics: A Public Health Menace, or Mirage

**Ian Mudway** – Imperial College London, School of Public Health

## 15:40 Type of microplastics differently impact antibiotics resistance gene transfer

**Hans-Peter Grossart** – Leibniz Institute for Freshwater Ecology and Inland Fisheries

## 16:00 Imptox input into human risk assessment

**Theo Vermeire** – National Institute for Public Health and the Environment in the Netherlands (retired)

## 16:20 Biomedical Imaging of Micro- and nanoplastic: Synthesis and first in vitro data

**Verena Pichler** – MicroOne, University of Vienna, Department of Pharmaceutical Sciences

## 16:40 The challenges of nanoplastic analysis

**Thomas Meisel** – Montanuniversitaet Leoben, General and Analytical Chemistry

## 17:00 Does MNP induce cancer formation? First in vivo data

**Lukas Kenner** – MicroOne, Medical University of Vienna, Department of Pathology

## 17:20 Meeting adjourned

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Imptox is part of CUSP, the European research cluster to understand the health impacts of micro- and nanoplastics (MNPs).