

The 499th Symposium on Sustainable Humanosphere

Microbial metabolites in deep sea and soil: collection, analysis and functions in biological interactions

June 14, 2023, 14:00 – 16:40 (JST)

Marine Core Research Institute, Kochi University & Online

Chairs: Akifumi Sugiyama

Dana Ulanova

Program:

14:00 – 14:10

Opening remarks

Dana Ulanova (Kochi University)

14:10 – 14:40

Belowground microbial interactions

Paolina Garbeva (NIOO-KNAW, the Netherlands)

14:40 – 15:10

Metabolome analysis of tomato rhizosphere soil

Akifumi Sugiyama (Kyoto University, Japan)

Break (20 min)

15:30 – 16:00

Quantal secretion through bacterial membrane vesicles

Masanori Toyofuku (Tsukuba University, Japan)

16:00 – 16:30

Screening of gene functions of subseafloor microorganisms through the aerobic/anaerobic compatible substrate-induced gene expression method

Taisuke Wakamatsu (Kochi University, Japan)



Registration (Deadline May 31, 2023, Free):

<https://forms.gle/12J1e3aJgmHV63Qt5>

Organized by RISH, Kyoto University and MaCRI, Kochi University

