

## [TS15T3]

### Nanotechnology in EHS(Environment, Health, Safety) & Standardization 3

<b>Date &amp; Time</b>	July 4(Thu.), 2024 / 09:00–10:30
<b>Place</b>	Room 307
<b>Session Chair(s)</b>	Tae Hyun Yoon (Hanyang Univ.)

**TS15T3\_I\_1 \*Invited** 09:00–09:30

**Understanding the Nanomaterial Interaction with Biomolecules, a Journey from Safety to Applications in Modern Medicine**

Monopoli P Monopoli

*(RCSI University of Medicine and Health Sciences)*

**TS15T3\_I\_2 \*Invited** 09:30–10:00

**Ceria-Based Therapeutic Antioxidants for Radioprotection**

Min Soh

*(HyeonTechNBio, Inc.)*

**TS15T3\_O\_3** 10:00–10:15

**Infrared Nano-Spectroscopy of Single Extracellular Vesicles via PhotoInduced Force Microscopy**

Mingu Kang<sup>1,2</sup>, Hwi Je Woo<sup>1</sup>, Eun Seong Lee<sup>1</sup>, and Junghoon Jahng<sup>1</sup>

*(<sup>1</sup>KRISS, <sup>2</sup>POSTECH)*

**TS15T3\_O\_4** 10:15–10:30

**Nano-QSTR Model to Support Safe and Sustainable by Design on Advanced Nanomaterials**

Hyun Kil Shin and Seokjoo Yoon

*(KIT)*