[TS14T4]

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

Date & Time	July 9(Thu.), 2026 / 14:00–15:45
Place	Room 303
Session Chair(s)	Dr. Ik Hwan Kwon (KRISS)

TS14T4_I_1 ***Invited** 14:00–14:30

Advancing Nanosafety in Brazil: National Initiatives, Research Development and Global Perspectives

Diego Stéfani Teodoro Martinez
(Brazilian Center for Research in Energy and Materials)

TS14T4_O_2 ***YSA Applied** 14:30–14:45

Polarity-Induced Sphingoid Bilayer Nanocarriers for Enhanced Dermal Delivery

Hanmo Yang, Taehyeon Choi, Myeonggeol Shin, Seonju Kim, Eunhye Lee, Jaehan Cho, Jangwon Choi, and Kihyun Kim
(Samyang KCI Corporation)

TS14T4_O_3 ***YSA Applied** 14:45–15:00

SiO_2 Nanoparticles Disrupt Neurodevelopmental Processes in Human Midbrain Organoids in a Redox-Suppressed, Non-Cytotoxic Manner

Seohyun Kim[1,2], Youngsun Lee[1,2], Hyang-Ae Lee[2,3], and Mi-Ok Lee[1,2]
([1]Korea Research Institute of Bioscience and Biotechnology, [2]University of Science and Technology, [3]Korea Institute of Toxicology)

TS14T4_I_4 ***Invited** 15:00–15:30

Nanoparticle Polymer Architecture Control and Pharmacokinetic Impact

Kwangsoo Shin
(Inha University)

TS14T4_O_5 ***YSA Applied** 15:30–15:45

M1 Macrophage-Targeted Apigenin-Loaded Ethosomes for Topical Anti-Inflammatory Therapy in Psoriasis

Hyewon Kim[1], Bada Won[2], Hyung-Jun Im[1], and Ji Yong Park[1]
([1]Seoul National University, [2]Star's tech Co., Ltd.)