[TS10F7]

Smart and Translational Nanomedicine for Biomedical Applications 3

Date & Time	July 10(Fri.), 2026 / 14:00–15:30
Place	Room 211A
Session Chair(s)	Prof. Jihoon Kim (Chung-Ang University)

TS10F7_O_1 ***YSA Applied** 14:00–14:15

Nanoparticulate Mannan as a Potent Inducer of Trained Immunity for Broad-Spectrum Antitumor Immune Responses

Kidong Kim and Sejin Son
(Inha University)

TS10F7_O_2 ***YSA Applied** 14:15–14:30

Synergistic Modulation of Intestinal Microenvironment via Butyrate Delivery and Nitric Oxide Scavenging for IBD Therapy

Jieun Kim and Won Jong Kim
(Pohang University of Science and Technology)

TS10F7_O_3 ***YSA Applied** 14:30–14:45

Catechol-Functionalized Coacervate Enables Stabilized EV Delivery and Metal-Coordinated Hydroxyapatite Bone Putty

Young Kim[1,2], Subin Jeong[1,2], Seo Yun Choi[1,2], and Justin J. Chung[1,2]
([1]Seoul National University Hospital, [2]Seoul National University)

TS10F7_O_4 ***YSA Applied** 14:45–15:00

Tension-Specific Regulators of Abnormal Scarring Identified via Functional CRISPRi Screening in a Mechanoregulated 3D Wound Model

Taehyun Kim, Chaeyoon Kim, Seolha Lee, and Jieung Baek
(Ewha Womans University)

TS10F7_O_5 ***YSA Applied** 15:00–15:15

Nitric Oxide-Triggered Injectable Electrostatic Hydrogel for Targeted Treatment of Inflammatory Bowel Disease

Sujin Eom and Won Jong Kim
(Pohang University of Science and Technology)

TS10F7_O_6 ***YSA Applied** 15:15–15:30

Universal Chiral Nanopaint: A Versatile Platform for Enantioselective Therapeutics and Reconfigurable Bio-Architectures

Wookjin Jung and Jihyeon Yeom
(Korea Advanced Institute of Science and Technology)