

August 28 AM (Wed)

Room C3

Graduate Student Oral Competition - Ph.D. Candidate

Chair: Donghyun Kang, *Seoul National University, Korea*

GSD-1 10:00-10:25

The Synergistic Bactericidal Activity of Medium Fatty Acids in Combination with Organic Acid against *Escherichia coli* O157:H7 and Mode of Action

Sun Ae Kim, *Korea University, Korea*

GSD-2 10:25-10:50

Effect of the Procyanidin Trimer C1 on Immune Response Through NF- κ B and MAPK Signaling Pathways in Bone-marrow Derived Macrophages

Du-Sup Song, *Korea Atomic Energy Research Institute, Korea University, Korea*

GSD-3 10:50-11:15

Fermentation of Soymilk Using Proteolytic Lactic Acid Bacteria and Skin Care Effect of Soybean Peptide

Sulhee Lee, *Gachon University, Korea*

GSD-4 11:15-11:40

Anti-cancer Activity of a Novel Steroid Isolated from Brown Algae, *Hizikia fusiformis* against A549 Human Lung Cancer Cell

Ji-Hyeok Lee, *Jeju National University, Korea*

GSD-5 11:45-12:10

Protective Effects of Chlorogenic Acid Metabolites and Coffee Extract on Oxidative and Endoplasmic Reticulum Stress-induced Retinal Degeneration

Holim Jang, *Cornell University, USA, Korea Institute of Science and Technology, Korea*

GSD-6 12:10-12:35

Textural Characteristics of Calcium-alginate Macrocapsules Produced by Electro-coextrusion

Natthiya Phawaphuthanon, *Gangneung-Wonju National University, Korea*

GSD-7 12:35-13:00

Antioxidant Capacity and Protective Effect of Indian Gooseberry (*Phyllanthus emblica* Linn.) Fractions on Neuronal PC-12 Cells

Phisamai Srichayet, *Kasetsart University, Thailand*