

June 8 (Wed)

ROOM 321

## Graduate Student Paper Competition

- Master Program -

**Chair :** JaeHwan Lee (Seoul National University of Science & Technology, Korea)

**GSM-1**    **15:30 ~ 15:50**

New Development of a Gas Chromatography–Tandem Mass Spectrometry for the Analysis of Policosanols in Commercial Vegetable Oils

Dong Min Jung (Woosuk University, Korea)

**GSM-2**    **15:00 ~ 16:10**

Safety Evaluation of Clay Mineral Nanoparticles in Mice: Acute Oral Toxicity and Kinetic study : Acute Oral Toxicity and Kinetic Study

Jin Yu (Seoul Women's University, Korea)

**GSM-3**    **16:10 ~ 16:30**

*In vitro* and *In vivo* Anti-diabetic Effects and Action Mechanisms of Chitosanoligosaccharide

Sung-Hoon Jo (Hannam University)

**GSM-4**    **16:30 ~ 16:50**

Functional Characterization of High Amylose Rice Flours with Different Particle Sizes as an Oil Barrier in Fried Foods

Seung Mi Lee (Sejong University, Korea)

**16:50 ~ 17:00**    **Coffee Break**

**GSM-5**    **17:00 ~ 17:20**

Analysis of Various Oils after Treatment with Different LED Irradiations Using Mass Spectrometry–based Electronic Nose

Ki Hwa Kim (Seoul Women's University, Korea)

**GSM-6**    **17:20 ~ 17:40**

Novel Strategy to Enhance Sensitivity of Visible Detection Using the Aggregation of Gold Nanoparticles

Young Sang You (Seoul National University, Korea)

**GSM-7**    **17:40 ~ 18:00**

Production of 4- $\alpha$ -Glucanotransferase–Amylose Complex As Food–Grade Enzyme and Its Applications

Min-Su Kim (Korea University, Korea)

**GSM-8**    **18:00 ~ 18:20**

Anti-inflammatory actions of N- $\gamma$ -glutamyl-S-methionine, a bioactive sulfurcompound isolated from aged black garlic via inhibition of NF- $\kappa$ B

Bo Ram You (Chungnam National University)