

2017 NRF-NSFC International Cooperation Program
(2017 Joint Seminar Project)

2017년도 한-중(NRF-NSFC) 협력사업
(2017 공동세미나 과제)

Chemical Biology on Natural Products

천연물의 화학생물학

일자: 2017년 12월 13일(수)

장소: 영남대학교 향토생활관 지하1층

SCIENTIFIC PROGRAM

December 13, Wednesday	
09:30-11:55	SESSION I: Discovery of Natural Products from Diverse Sources Discussion Leader: Byung Sun Min (Daegu Catholic University)
09:30-09:55	Huiming Ge (Nanjing University) Bioactive natural products discovery through genotype/chemotype guided screening
09:55-10:20	Jae-Hyuk Jang (Korea Research Institute of Bioscience & Biotechnology) Discovery of novel bioactive secondary metabolites produced by actinomycetes from Ulleung Island
10:20-10:45	Hyukjae Choi (Yeungnam University) Discovery of lipopeptides from marine microbes
10:45-11:10	Dongchan Oh (Seoul National University) Discovery and structure elucidation of bioactive secondary metabolites from marine actinomycete
11:10-11:25	Coffee Break
11:25-12:15	SESSION II : Biosynthetic Research on Natural Products Discussion Leader: Kyung-Sik Song (Kyungpook National University)
11:25-11:50	Hahk-Soo Kang (Konkuk University) Genome mining platform for the discovery of new microbial natural products
11:50-12:15	Bo Zhang (Nanjing University) A long-range dehydratase domain as the missing link for C17-dehydration in iso-migrastatin biosynthesis
12:15-14:00	Lunch
14:00-15:15	SESSION III : Biology of Natural Products Discussion Leader: Min Kyun Na (Chungnam National University)
14:00-14:25	Zhu-Jun Yao (Nanjing University) Study on anticancer annonaceous acetogenin multiether mimetics
14:25-14:50	Eun-Ju Yang (Kyungpook National University) C-Methylisoflavones from Abronia nana and their biological activities
14:50-15:15	Yan Shen (Nanjing University) Resveratrol aneuploid Diptoinonesin G promotes cell differentiation in acute myeloid leukemia cells
15:15-15:30	Free Discussion
15:30-16:45	SESSION IV : Organic Chemistry of Natural Products Discussion Leader: Yumgdong Jahng (Yeungnam University)
15:30-15:55	Joo Won Nam (Yeungnam University) Oligomeric proanthocyanidins with potent dentin biomodification activity
15:55-16:20	Huan Wang (Nanjing University) Synthesis of bioactive cyclic peptides
16:20-16:45	Dongyup Hahn (Kyungpook National University) Reactivity-Guided drug discovery; thiol probes to detect electrophilic natural products based on their mechanism of action