

제 25 회 한국분자·세포생물학회 예쁜꼬마선충분과 심포지움 스케줄

2019 년 1 월 28 일 (월)		
13:00 ~ 14:00	등록 및 방배정, 포스터 전시	
14:00 ~ 14:05	Opening Remark (Dr. Eun-Soo Kwon)	
Young Investigator lecture I (Chair : Prof. Young-Ki Paik)		
14:05 ~ 14:30	<u>Byunghyuk Kim</u> (Dongguk University)	TOWARD IDENTIFICATION OF WIRING CODES FOR SYNAPTIC CONNECTIVITY
14:30 ~ 14:55	<u>Hyun-Ok Song</u> (Wonkwang Univ)	NOVEL FINDINGS OF ANTI-FILARIAL DRUG TARGET AND STRUCTURE-BASED VIRTUAL SCREENING FOR DRUG DISCOVERY
Session I : Neuroscience I (Chair : Prof. Sun-Kyung Lee)		
14:55 ~ 15:35 (12min)	<u>Jinmahn Kim</u> (DGIST)	DECODING HEAD NEURAL CIRCUIT UNDERLYING RHYTHMIC FORWARD MOVEMENT IN C. elegans
	<u>Jun Young Park</u> (Yonsei University)	Implications of the cross-influences between opioid and pheromone signaling for stress avoidance in animals
	<u>Sangwon Son</u> (Seoul National Univ)	Cytochrome P450 regulates alteration of acetylcholine signaling in the diapause of Caenorhabditis elegans
15:35 ~ 15:50	COFFEE BREAK	
Session II : Aging (Chair : Prof. Jinhee Choi)		
15:50 ~ 16:30 (12min)	<u>Seon Woo A. An</u> (POSTECH)	KIN-4 kinase promotes the longevity of daf-2 mutants via regulating DAF-18 through a PDZ domain-mediated protein interaction
	<u>Min-Gi Shin</u> (KRIBB)	Bacteria derived metabolite modulate the longevity of C. elegans through TORC2/SGK-1/DAF-16 signaling
	<u>Yujin Lee</u> (POSTECH)	DAF-16/FOXO and HSF-1 reverses immunosenescence via an INS-7-mediated positive feedback loop in daf-2 mutants
Session III : Neuroscience II (Chair : Prof. Seung-Jae V. Lee)		
16:30 ~ 16:55	<u>Do-Young Kim</u> (DGIST)	FLP-12 neuropeptides regulates head locomotion of C. elegans
	Serpen Durnaoglu (Hanyang University)	CHE-1, A SALT-SENSING NEURON-SPECIFIC TRANSCRIPTION FACTOR, IN REGULATION OF EGG-LAYING
16:55 ~ 17:10	COFFEE BREAK	

Session IV : Beyond Worms (Chair : Prof. Shin Sik Choi)		
17:10 ~ 17:50	<u>Jun Kim</u> (Seoul National Univ)	Long-read sequencing reveals intra-species tolerance of massive structural variations and new subtelomere formation in <i>C. elegans</i>
	<u>Jaehoon Kim</u> (Konkuk University)	<i>gipc-1</i> and <i>gipc-2</i> are required for retention of sperm to the spermatheca in <i>Caenorhabditis elegans</i> gonads
	<u>Arvie Camille V. de Guzman</u> (Myongji University)	WORM-ON-A-CHIP: MONITORING OF HIGH GLUCOSE-INDUCED AGING IN A SINGLE-CHANNEL CHIP
17:50 ~ 18:00	단체사진촬영	
18:00 ~ 19:30	Dinner	
Young Investigator lecture II (Chair : Prof. Junho Lee)		
19:30 ~ 19:55	<u>Kyung Won Kim</u> (Hallym University)	Stimulation of Functional Neuronal Regeneration
19:55 ~ 20:20	<u>Kyung Suk Lee</u> (Kongju Nat Univ)	Understanding the dynamics of feeding as a random walk on the feeding-rate axis
Special Lecture (Chair : Prof. Joohong Ahnn)		
20:20 ~ 20:45	<u>Anton Gartner</u> (Univ of Dundee)	Massive <i>C. elegans</i> whole-genome sequencing for profiling mutational signatures associated with IR, carcinogens and DNA repair deficiency
20:45 ~ 21:15	졸업생 talk 및 선물증정, 포스터 컨테스트 선물 증정	
21:15 ~ 22:00	자유토론 (포스터)	

2019 년 1월 29 일 (화)	
08:00 ~ 09:00	조식
09:00 ~ 10:00	자유토론
10:00 ~	퇴실

Poster Session

<u>Daisy S. Lim</u> (Seoul National University)	GENETIC ANALYSIS OF DEVELOPMENT INTO THE DAUER STAGE IN <i>C. ELEGANS</i>
<u>Jiseon Lim</u> (Seoul National University)	Genetic basis of natural variation in male proportion in <i>C. elegans</i>
<u>Christine H Chung</u> (Seoul National University)	Functional study of Huntingtin using <i>Caenorhabditis elegans</i>
<u>Hee Kyung Lee</u> (Yonsei University)	Understanding the neural and genetic basis of odor discrimination in <i>C. elegans</i>
<u>Saebom Kwon</u> (Yonsei University)	Investigating the cell-nonautonomous roles of the nuclear hormone receptor NHR-49 in the nervous system of <i>Caenorhabditis elegans</i>
<u>Tong Young Lee</u> (Yonsei University)	FMRFamide-related neuropeptide controls a <i>C. elegans</i> putative maternal behavior in a 3D environment
<u>Eun Ji E. Kim</u> (POSTECH)	The role of RNA quality control systems in the regulation of <i>C. elegans</i> longevity
<u>Hae-Eun H. Park</u> (POSTECH)	A specific <i>daf-18/PTEN</i> mutation uncouples longevity from fitness defects in animals with reduced insulin/IGF-1 signaling
<u>Heehwa G. Son</u> (POSTECH)	Prefoldin 6 promotes longevity in <i>daf-2</i> mutants by mediating crosstalk between heat shock transcription factor 1 and <i>daf-16/FOXO</i>
<u>Sangsoon Park</u> (POSTECH)	VRK-1 promotes longevity by activating AMPK via phosphorylation
<u>Sujeong Kwon</u> (POSTECH)	LPIN-1/phosphatidic acid phosphatase reduces the lifespan-shortening effects of dietary glucose
<u>Yoonji Jung</u> (POSTECH)	A Golgi protein MON-2 promotes longevity via regulating proper cellular trafficking and increasing autophagy in mitochondrial respiration mutants
<u>Dong-Wan Kim</u> (Hanyang University)	MITOCHONDRIA DYNAMICS AND TOUCH BEHAVIORS IN CAENORHABDITIS ELEGANS
<u>Seung Hyun Kim</u> (Hanyang University)	CALCINEURIN AND PHOSPHORYLATION-MEDIATING GENES REGULATE MALE REPRODUCTION IN CAENORHABDITIS ELEGANS
<u>Eun Ji Kim</u> (Myongji University)	PROTECTIVE EFFECT OF CURCUMIN NANOPARTICLES ON DOPAMINERGIC NEURONAL SYSTEM IN CAENORHABDITIS ELEGANS
<u>Joong Hee Cho</u> (Myongji University)	NEUROPROTECTIVE EFFECTS OF CURCUMIN ON PARKINSON'S DISEASE IN CAENORHABDITIS ELEGANS
<u>Je-Hyun Moon</u> (Yonsei University)	Investigating the effects of altering gravity on dendrite development in <i>C.elegans</i>
<u>Alcantara Alfredo Jr</u> (Yonsei University)	Effects of high gravity and space microgravity on synapse development of motor neurons in <i>C. elegans</i>
<u>Saraswathi Kalichamy</u> (Yonsei University)	Structural protein Spectrin mediates Hypergravity-induced axon defects in <i>C.elegans</i>

<u>Tram Anh Le Ngoc</u> (KIST)	Effects of 3,3'-Diindolylmethane on the Gut Health in Human Intestinal Cells and <i>Caenorhabditis elegans</i>
<u>Mijin Lee</u> (Konkuk University)	Depletion of cell cycle regulator, CDC-25 phosphatase induces ROS Production and germ cell apoptosis
<u>Jaeseong Jeong</u> (University of Seoul)	SCREENING OF EPIGENOTOXIC POTENTIAL OF ENVIRONMENTAL CHEMICALS USING TRANSGENIC CAENORHABDITIS ELEGANS PKIS1582 (LET-858::GFP) STRAIN
<u>Jaeseong Jeong</u> (University of Seoul)	IN SILICO MOLECULAR DOCKING AND IN VIVO VALIDATION WITH CAENORHABDITIS ELEGANS TO DISCOVER MOLECULAR INITIATING EVENTS OF ENVIRONMENTAL CHEMICALS
<u>Jeong Yeon Yu</u> (National Cancer Center)	ANTICANCER DRUG SCREENING USING C. ELEGANS MULTIVULVA MODELS AND NATURAL COMPOUNDS
<u>Saerom Lee</u> (National Cancer Center)	DPY-23 facilitates cuticle formation by maintaining the TGFb pathway
<u>Jihye Yeon</u> (DGIST)	Piezo channel PEZO-1 modulates intestinal motility via sensing amount of intestinal food
<u>Woochan Choi</u> (DGIST)	The chemosensory GPCR SRI-14 are required for concentration-dependent odor preference in <i>C. elegans</i>
<u>Woojung Heo</u> (DGIST)	Gene regulatory networks underlying cell fate specification of a <i>C. elegans</i> sensory/inter/motor neuron-type
<u>Yongjin Cheon</u> (DGIST)	Functions of GDE in <i>C. elegans</i>
<u>Kyeong Min Moon</u> (DGIST)	Gait selection of <i>Caenorhabditis elegans</i> regulated by mechanosensitive DEG/ENaC channels
<u>YeonJi Park</u> (DGIST)	Identify additional genes to mediate <i>ascr#3</i> avoidance by performing drop assay in <i>C. elegans</i>