제 25 회 한국분자·세포생물학회 예쁜꼬마선충분과 심포지움 스케쥴

		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	Byunghyuk Kim (Dongguk University)	TOWARD IDENTIFICATION OF WIRING CODES FOR SYNAPTIC CONNECTIVITY			
14:30 ~ 14:55	Hyun-Ok Song (Wonkwang Univ)	NOVEL FINDINGS OF ANTI-FILARIAL DRUG TARGET AND STRUCTURE- BASED VIRTUAL SCREENING FOR DRUG DISCOVERY			
	Session I : Neur	oscience I (Chair : Prof. Sun-Kyung Lee)			
	Jinmahn Kim (DGIST)	DECODING HEAD NEURAL CIRCUIT UNDERLYING RHYTHMIC FORWARD MOVEMENT IN C. elegans			
14:55 ~ 15:35 (12min)	Jun Young Park (Yonsei University)	Implications of the cross-influences between opioid and pheromone signaling for stress avoidance in animals			
	Sangwon Son (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)			
	Seon Woo A. An (POSTECH)	KIN-4 kinase promotes the longevity of daf-2 mutants via regulating DAF-18 through a PDZ domain-mediated protein interaction			
15:50 ~ 16:30 (12min)	Min-Gi Shin (KRIBB)	Bacteria derived metabolite modulate the longevity of C. elegans through TORC2/SGK-1/DAF-16 signaling			
	Yujin Lee (POSTECH)	DAF-16/FOXO and HSF-1 reverses immunosenescence via an INS-7-mediated positive feedback loop in daf-2 mutants			
	Session III : Neuro	oscience II (Chair : Prof. Seung-Jae V. Lee)			
16.20 16.55	Do-Young Kim (DGIST)	FLP-12 neuropeptides regulates head locomotion of C. elegans			
16:30 ~ 16:55	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	Jun Kim (Seoul National Univ)	Long-read sequencing reveals intra-species tolerance of massive structural variations and new subtelomere formation in C. elegans			
	Jaehoon Kim (Konkuk University)	gipc-1 and gipc-2 are required for retention of sperm to the spermatheca in Caenorhabditis elegans gonads			
	Arvie Camille V. de <u>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 Investig	ator lecture II (Chair : Prof. Junho Lee)			
19:30 ~ 19:55	Kyung Won Kim (Hallym University)	Stimulation of Functional Neuronal Regeneration			
19:55 ~ 20:20	Kyung Suk Lee (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	Anton Gartner (Univ of Dundee)	Massive C. elegans 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

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

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