Program

Tuesday, July 15th

14:00-19:00 Registration (Public Hall Lobby)

15:50-16:00 Opening Comments & Introduction (Noh Theater)
Asako Sugimoto, Andrew Chisholm & Ahna Skop

Session 1: Systems and Quantitative Biology
Chairs: Zhirong Bao & Ronen Zaidel-Bar

16:00-16:40 The making of a worm: genes, cells and the organism
Keynote: Zhirong Bao
Sloan Kettering Institute
[This Keynote Talk is sponsored by Chroma Technology]

16:40-16:55 SSBD: a quantitative database approach for understanding spatiotemporal dynamics of C. elegans development
Kenneth H.L. Ho
RIKEN Quantitative Biology Center

16:55-17:10 Defining regulatory pathways coupling cell division timing and cell fate differentiation in C. elegans by automated lineaging
Vincy Wing Sze Ho
Hong Kong Baptist University

17:10-17:25 Using cell-specific RNA-seq to study sex-specific gonadogenesis
Mary B. Kroetz
University of Minnesota
17:25-17:40 BREAK

17:40-18:20 Genetics and the *C. elegans* Embryo: Past and Present

**Keynote: Bruce Bowerman**
Institute of Molecular Biology / University of Oregon

18:20-18:35 Quantitative analysis of microtubule orientation and organelle movements during meiotic cytoplasmic streaming in *C. elegans* early embryos

**Kenji Kimura**
Natl. Inst. of Genet. / SOKENDAI

18:35-18:50 Coordinated actomyosin kinetics in generating self-organized pattern formation in the cell cortex

**Masatoshi Nishikawa**
BIOTEC / MPI-CBG / MPI-PKS

18:50-19:05 A conditional knockout system based on the combination of UV/TMP single-copy integration methods and deletion mutant strains in *C. elegans*

**Eriko Kage-Nakadai**
Tokyo Women's Medical University School of Medicine / Osaka City University

19:05-21:00 Welcome Mixer (Japanese Garden)
### Wednesday, July 16th

**Session 2: Germline, Cell Division, Cell Polarity**  
Chairs: Sander van den Heuvel & E. Jane Albert Hubbard

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution</th>
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<tbody>
<tr>
<td>9:00-9:40</td>
<td>Chromosome Dynamics During Meiosis in <em>C. elegans</em></td>
<td><strong>Keynote: Abby Dernburg</strong></td>
<td>University of California, Berkeley</td>
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<tr>
<td>9:40-9:55</td>
<td>Protein phosphatase 4 promotes chromosome pairing and synapsis, and contributes to maintaining crossover competence with increasing age</td>
<td><strong>Aya Sato-Carlton</strong></td>
<td>Kyoto University</td>
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<tr>
<td>9:55-10:10</td>
<td>LIN-41 regulates continuous centrosome inactivation during oogenesis through suppression of CDK-1 pathway in <em>C. elegans</em></td>
<td><strong>Rieko Matsuura</strong></td>
<td>National Institute of Genetics</td>
</tr>
<tr>
<td>10:10-10:25</td>
<td>Acentrosomal spindle pole assembly in <em>C. elegans</em> oocytes.</td>
<td><strong>Amy Alexis Connolly</strong></td>
<td>University of Oregon</td>
</tr>
<tr>
<td>10:25-10:40</td>
<td>Aurora A kinase AIR-1 is required for microtubule assembly of female meiotic spindles</td>
<td><strong>Eisuke Sumiyoshi</strong></td>
<td>Tohoku University</td>
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<td>10:40-11:00</td>
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<tr>
<td>11:00-11:15</td>
<td>RNA-binding Protein ATX-2 Interacts with SZY-20 and ZYG-1 to Regulate Centrosome Assembly and Size</td>
<td>Mi Hye Song</td>
<td>Oakland University</td>
</tr>
<tr>
<td>11:15-11:30</td>
<td>ATX-2, the <em>C. elegans</em> ortholog of human Ataxin-2, is necessary for cytokinesis, ER morphology and P granule segregation</td>
<td>Megan M Gnazzo</td>
<td>University of Wisconsin-Madison</td>
</tr>
<tr>
<td>11:30-11:45</td>
<td>Morphology of actomyosin network is regulated by colocalization of RhoGAP RGA-3/4</td>
<td>Masashi Fujita</td>
<td>RIKEN Quantitative Biology Center</td>
</tr>
<tr>
<td>11:45-12:00</td>
<td>The Rho GTPase-Activating Protein RGA-7 controls the CDC-42 / WSP-1 pathway and filopodia formation during ventral enclosure in <em>Caenorhabditis elegans</em> embryos</td>
<td>Sarah Jenna</td>
<td>Chemistry department, UQAM</td>
</tr>
<tr>
<td>12:00-12:15</td>
<td>Dual mechanisms ensure PAR-1 cortical asymmetry in <em>C. elegans</em> zygote</td>
<td>Ravikrishna Ramanujam</td>
<td>Temasek Life Sciences Laboratory</td>
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<tr>
<td>12:15-14:00</td>
<td>Lunch (Yume-Kaze Plaza)</td>
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# Session 3: Developmental Timing, Cell Fate, Gene Expression

Chairs: Kiyoji Nishiwaki & Alex Hajnal

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<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
<th>Affiliation</th>
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<tr>
<td>14:00-14:40</td>
<td>Regulation of asymmetric cell division by Wnt signaling</td>
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<td></td>
<td><strong>Keynote: Hitoshi Sawa</strong></td>
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<td></td>
<td>National Institute of Genetics</td>
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<tr>
<td>14:40-14:55</td>
<td>BLMP-1/Blimp-1 regulates the spatiotemporal cell migration pattern in <em>C. elegans</em></td>
<td>Yi-Ting Cheng</td>
<td>National Taiwan University</td>
</tr>
<tr>
<td>14:55-15:10</td>
<td>Cooperative control of cell cycle exit by G1/S inhibitors and SWI/SNF chromatin remodeling factors</td>
<td>Sander van den Heuvel</td>
<td>Utrecht University</td>
</tr>
<tr>
<td>15:25-15:40</td>
<td>How does the animal change its behavioral patterns during growth?</td>
<td>Manabi Fujiwara</td>
<td>Kyushu University</td>
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<tr>
<td>15:40-16:00</td>
<td>BREAK</td>
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<tr>
<td>16:00-16:15</td>
<td>The Tetraspanin TSP-21 Positively Modulates Bone Morphogenetic Protein Signaling In <em>Caenorhabditis elegans</em></td>
<td>Zhiyu Liu</td>
<td>Cornell University</td>
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<tr>
<td>16:15-16:30</td>
<td>TRIMming pluripotency</td>
<td>Cristina Tocchini</td>
<td>FMI/University of Basel</td>
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| 16:30-16:45  | The SET-2/SET1 histone H3K4 methyltransferase maintains pluripotency in the *Caenorhabditis elegans* germline  
               | **Francesca Palladino**  
               | Ecole Normale Supérieure de Lyon/Université Lyon                                                   |
| 16:45-17:00  | HTZ-1 and MYS-1 act redundantly to maintain cell fates in somatic gonadal cells through repression of *ceh-22* in *Caenorhabditis elegans*  
               | **Yukimasa Shibata**  
               | Kwansei Gakuin Univ.                                                                          |
| 17:00-17:15  | Sequential partitioning of histone methylation and demethylation activities ensures the robustness of natural transdifferentiation  
               | **Sophie Jarriault**  
               | IGBMC                                                                                           |
| 17:15-17:30  | Essential roles of XRN2 and its novel binding partner PAXT-1 in RNA turnover and *C. elegans* development  
               | **Takashi Miki**  
               | Friedrich Miescher Institute for Biomedical Research                                             |
| 17:30-19:00  | Dinner (with poster viewing)  
               | (Reception Hall, Conference Room 3/4, Japanese Style Dressing Room)                              |
| 19:00-21:00  | **Poster Session I**  
               | Presenters of odd-numbered posters  
               | (Reception Hall, Conference Room3/4)                                                             |
| 21:00-22:30  | Beer Time (Yume-Kaze Plaza)                                                                           |
### Thursday, July 17th

**Session 4: Neurobiology**  
Chairs: Alexander M van der Linden & Takeshi Ishihara

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<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
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<tbody>
<tr>
<td>9:00-9:40</td>
<td>Trafficking of synaptic vesicle proteins</td>
<td><strong>Keynote: Sandhya P. Koushika</strong></td>
<td>DBS-TIFR</td>
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<td><strong>Keynote: Sandhya P. Koushika</strong></td>
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<td>DBS-TIFR</td>
</tr>
<tr>
<td>9:40-9:55</td>
<td>Neurons and glia cooperate in assembly of the embryonic <em>C. elegans</em> nerve ring</td>
<td><strong>Georgia Rapti</strong></td>
<td>The Rockefeller University</td>
</tr>
<tr>
<td>9:55-10:10</td>
<td>Extracellular cues that pattern dendritic morphogenesis</td>
<td><strong>Xintong Dong</strong></td>
<td>Stanford University</td>
</tr>
<tr>
<td>10:10-10:25</td>
<td>Spatial Control of Neurite Branching by Wnt-Frizzled/PCP Signaling</td>
<td><strong>Chun-Hao Chen</strong></td>
<td>National Taiwan University</td>
</tr>
<tr>
<td>10:25-10:40</td>
<td>The role of TDP-43 in axonal transport of mRNA</td>
<td><strong>Justin C. Chaplin</strong></td>
<td>The University of Queensland</td>
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<td>10:40-11:00</td>
<td>BREAK</td>
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<tr>
<td>11:00-11:15</td>
<td>A pair of RNA binding proteins modulates synaptic transmission, behavior, and alternative splicing in distinct neuron classes</td>
<td><strong>Adam D Norris</strong></td>
<td>Harvard University</td>
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<td>Speaker</td>
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<tr>
<td>11:15-11:30</td>
<td>Combinatorial expression of evolutionally conserved RNA binding proteins determines neuron-type specific alternative splicing of the daf-2 insulin/IGF receptor in <em>C. elegans</em></td>
<td><strong>Masahiro Tomioka</strong></td>
<td>University of Tokyo</td>
</tr>
<tr>
<td>11:30-11:45</td>
<td>Pathways that modulate excitation-inhibition imbalance in <em>C. elegans</em> locomotor circuit</td>
<td><strong>Seika Takayanagi-Kiya</strong></td>
<td>University of California San Diego</td>
</tr>
<tr>
<td>11:45-12:00</td>
<td>Systematic reverse genetics approach to reveal molecular mechanisms of the odorant choice behavior.</td>
<td><strong>Yuji Suehiro</strong></td>
<td>Tokyo Women's Medical University</td>
</tr>
<tr>
<td>12:00-12:15</td>
<td>Neuronal mechanisms of decision making in <em>C. elegans</em> olfactory behavior revealed by a highly integrated microscope system</td>
<td><strong>Yuki Tanimoto</strong></td>
<td>Osaka Univ.</td>
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<tr>
<td>12:15-14:00</td>
<td>Lunch (Yume-Kaze Plaza)</td>
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<td>14:00-17:30</td>
<td>Free Time (Optional: Walking Excursion)</td>
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<td>17:30-19:00</td>
<td>Dinner (with poster viewing)</td>
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<td>(Reception Hall, Conference Room 3/4, Japanese Style Dressing Room)</td>
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<tr>
<td>19:00-21:00</td>
<td><strong>Poster Session II</strong></td>
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<td>Presenters of even-numbered posters</td>
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<td>(Reception Hall, Conference Room3/4)</td>
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<td>21:00-22:30</td>
<td>Beer time (Yume-Kaze Plaza)</td>
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## Friday, July 18th

### Session 5: Cell Death, Organelles

**Chairs:** Ken Sato & Anne Spang

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<th>Time</th>
<th>Title</th>
<th>Speaker/Institution</th>
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<tbody>
<tr>
<td>9:00-9:40</td>
<td>To eat correctly: Phospholipid signaling in apoptotic cell recognition and internalization</td>
<td><strong>Keynote: Xiaochen Wang</strong> NIBS</td>
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<tr>
<td>9:40-9:55</td>
<td>Translational Regulators GCN-1 and ABCF-3 Act Together to Promote Developmental and DNA Damage-Induced Germ-Cell Deaths</td>
<td><strong>Takashi Hirose</strong> MIT</td>
</tr>
<tr>
<td>9:55-10:10</td>
<td>PGL-1 and PGL-3, a Family of Constitutive P Granule Components, Prevent Excessive Levels of Germline Apoptosis in <em>Caenorhabditis elegans</em></td>
<td><strong>Hyemin Min</strong> Department of Bioscience and Biotechnology, Konkuk university</td>
</tr>
<tr>
<td>10:10-10:25</td>
<td><em>C. elegans</em> CED-3 caspase regulates centrosome asymmetry in an apoptotic death</td>
<td><strong>Barbara Conradt</strong> Ludwig-Maximilians-University Munich</td>
</tr>
<tr>
<td>10:25-10:40</td>
<td>Small GTPase CDC-42 promotes apoptotic cell corpse clearance in response to PAT-2 and CED-1 in <em>C. elegans</em></td>
<td><strong>Sheng Zeng</strong> University of Zurich</td>
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<td>10:40-11:00</td>
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<td>Time</td>
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<td>Speaker</td>
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<tr>
<td>11:00-11:15</td>
<td><em>rab-35</em> and <em>arf-6</em> function together in linker cell corpse removal</td>
<td><strong>Lena Kutscher</strong></td>
</tr>
<tr>
<td>11:15-11:30</td>
<td>How do necrotic cells attract their phagocytes</td>
<td><strong>Zheng Zhou</strong></td>
</tr>
<tr>
<td>11:30-11:45</td>
<td>Novel binding partner of small GTPase RAB-11 regulates RAB-11 redistribution to Golgi after fertilization</td>
<td><strong>Aisa Sakaguchi</strong></td>
</tr>
<tr>
<td>11:45-12:00</td>
<td>An evolutionarily conserved mechanism for PI3P turnover during early-to-late endosome conversion</td>
<td><strong>Kai Liu</strong></td>
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<tr>
<td>12:00-12:15</td>
<td>Compartmentalisation of the endoplasmic reticulum regulates the polarity in <em>C. elegans</em> embryo</td>
<td><strong>Zuo Yen Lee</strong></td>
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### Session 6: Morphogenesis, Cytoskeleton

**Chairs:** Mi Hye Song & King Lau Chow

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<th>Institution</th>
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<tr>
<td>14:00-14:40</td>
<td>Embryonic life under tension <strong>Keynote:</strong> Michel Labouesse</td>
<td>IGBMC</td>
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<td>14:40-14:55</td>
<td>The WAVE/SCAR complex interacts with the two <em>C. elegans</em> junctional complexes and regulates the levels and localization of ( \alpha )-catenin/HMP-1. <strong>Martha Soto</strong></td>
<td>Rutgers - Robert Wood Johnson Medical School</td>
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<td>Twitchin kinase interacts with MAPKAP kinase 2 in <em>C. elegans</em> striated muscle <strong>Yohei Matsunaga</strong></td>
<td>Emory University</td>
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<tr>
<td>15:10-15:25</td>
<td>Attenuation of N-glycosylation causes polarity and adhesion defects in the <em>C. elegans</em> embryo <strong>Anne Spang</strong></td>
<td>University of Basel</td>
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<td>15:25-15:40</td>
<td>SPV-1, an F-BAR and RhoGAP domain protein, regulates spermatheca contractility <strong>Pei Yi Tan</strong></td>
<td>National University of Singapore</td>
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<tr>
<td>15:40-15:55</td>
<td>Genetic analysis of epidermal cell mechanical properties during <em>C. elegans</em> embryonic elongation <strong>Gabriella Pásti</strong></td>
<td>IGBMC</td>
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<tr>
<td>15:55-16:10</td>
<td>The microtubule minus-end binding protein PTRN-1 and other cytoskeletal proteins function in epidermal development <strong>Marian Chuang</strong></td>
<td>UC San Diego</td>
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<td>16:10-16:30</td>
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<td>16:30-17:30</td>
<td>Morphogenetic roles of non-centrosomal microtubules</td>
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<td><strong>Special Keynote: Masatoshi Takeichi</strong></td>
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<td>RIKEN Center for Developmental Biology</td>
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<td>17:30-19:00</td>
<td>Visit to Nara National Museum (Nara Buddhist Sculpture Hall)</td>
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<td>19:00-19:30</td>
<td>Welcome Drink (Restaurant &quot;Half Time&quot; at Nara National Museum)</td>
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<tr>
<td>19:30-21:30</td>
<td>Banquet (Restaurant &quot;Half Time&quot; at Nara National Museum)</td>
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<td>22:00-</td>
<td>Japanese Pub near Nara Station (optional)</td>
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Saturday, July 19th

Session 7: Aging, Stress, Metabolism, Pathogenesis

Chairs: Seung-Jae Lee & Chun-Liang Pan

9:00-9:40 The worm transcriptome: the past and the future

**Keynote: Yuji Kohara**
National Institute of Genetics

9:40-9:55 DAF-16/FOXO antagonizes age-related loss of germline stem cells in *C. elegans*

**E. Jane Albert Hubbard**
New York University School of Medicine

9:55-10:10 Sensory neuronal regulation of lifespan via modulating insulin-like peptides in *C. elegans*

**Murat Artan**
Information Technology Convergence Engineering

10:10-10:25 *daf-41/co-chaperone p23* regulates *C. elegans* lifespan in response to temperature

**Makoto Horikawa**
Max Planck Institute Biology of Ageing

10:25-10:40 SUMO modulates NHR-25/NR5A during *C. elegans* vulval development

**Masako Asahina**
University of California/Academy of Sciences of the Czech Republic

10:40-10:55 BREAK

10:55-11:10 Iron homeostasis in *C. elegans*: development and ageing

**Gawain McColl**
The Florey Institute of Neuroscience and Mental Health
11:10-11:25 Activated and inactivated immune responses in *Caenorhabditis elegans* against *Photorhabdus luminescens* TT01

**Kazuki Sato**  
Saga University/JSPS Research Fellow

11:25-11:40 The contribution of *C. elegans* transcription factors to fat storage and body size

**Akihiro Mori**  
University of Massachusetts Medical School

11:40-11:55 Age-Dependent Mitochondrial Fragmentation in *C. elegans* Touch Receptor Neurons

**Hao-Ching Jiang**  
National Taiwan University

11:55-12:00 Closing Comments

**Asako Sugimoto**  
Tohoku University
01. Neurobiology I: Behavior, Synaptic function and Circuits

Identification of mechanisms underlying pheromone-mediated neural plasticity by analyzing wild type *C. elegans* isolates

**Woochan Choi**  
DGIST

A natural odor attraction between *C. elegans* and Lactobacillus bacteria

**Jeaim Choi**  
Yonsei University

Analysis of functions of LET-60Ras in regulation of exploratory behavior by a novel method, time- and cell-specific RNAi

**Masayuki Hamakawa**  
Kyushu University

Gravity perception and gravitaxis behavior in *C. elegans*

**Tong Young Lee**  
Yonsei University

Neural basis of plasticity and bidirectionality of klinotaxis.

**Yohsuke Satoh**  
The University of Tokyo
Role of ASE Left Gustatory Sensory Neuron in worms’ behavior of NaCl Chemotaxis  
Lifang Wang  
The University of Tokyo

Analyses of the developmental changes in the odor preference of *C. elegans*  
Takahiro Hino  
Kyushu University

Optical neural silencing by novel light-driven proton pumps in *C. elegans*  
Megumi Takahashi  
Nagoya University

Behavioral changes in *C. elegans* chemotaxis to alkaline pH  
Takashi Murayama  
Okinawa Institute Science and Technology Graduate University

Chemotaxis assays reveal phoretic carrier sensing in *Caenorhabditis*  
Gavin C Woodruff  
Forestry and Forest Research Products Institute

*flip*-12 neuropeptide and acetylcholine orchestrate to generate proper head locomotion of *C. elegans*  
Do-Young Kim  
DGIST

Dopamine-octopamine layered monoamine signaling modulate sensory response in odor learning  
Fumie Hiramatsu  
Osaka Univ.

Non-redundant function of two subtypes of octopamine receptors in food deprivation-mediated signaling in *C. elegans*  
Satoshi Suo  
University of Tokyo
Analyses of molecular mechanisms that negatively regulate forgetting of olfactory adaptation

Takahiro Ito
Kyushu University

Numerical approach towards quantitative understanding of neural network of \textit{C. elegans}

Takuya Onuma
Ibaraki University

A computational model of olfactory signaling in \textit{C. elegans}.

Mamoru Usuyama
Ibaraki University

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02. Neurobiology II: Development and Cell Biology

The homeodomain protein LIM-4 specifies a peptidergic and cholinergic motor neuron fate in \textit{C. elegans}

Jinmhan Kim
DGIST

Internal metabolic status modulates pheromone-mediated neural plasticity in \textit{C. elegans}

Leesun Ryu
DGIST

Coordinated regulation of peptidergic SAA interneuron traits through a conserved terminal selector gene

Myeongjin Hong
DGIST

\textit{C. elegans ap}l-1 allows practical analysis of Alzheimer's Disease-Related Amyloid Precursor Protein function.

Alexander B. Mir
City College of New York
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<td>SVH-5 transcription factor regulates axon regeneration in <em>C. elegans</em> by activating the transcription of the svh-2 gene encoding a receptor tyrosine kinase</td>
<td>87</td>
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<td>Chun Li</td>
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<td>Nagoya university</td>
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<td>The multidrug resistance protein MRP-7 inhibits methylmercury-associated animal toxicity and dopaminergic neurodegeneration in <em>Caenorhabditis elegans</em></td>
<td>88</td>
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**Mohammad Al-Amin**
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**Sangmi Oh**
Konkuk University

Sperm-derived TRP-3 channel mediates the onset of the calcium wave in the fertilized egg of *Caenorhabditis elegans*

**Jun Takayama**
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Using Next-Generation Sequencing to Determine Gene Identity in Temperature-Sensitive, Embryonic Lethal Mutants with Adult Germline Development Defects

**Josh B Lowry**
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The *C. elegans* gene spe-45, expressed in the male germline, is essentially required for gamete fusion like mouse *Izumo1*

**Tatsuya Tajima**
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**Amber R Krauchunas**
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**Teruaki Takasaki**
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**Ryoji Shinya**
HHMI and California Institute of Technology / Chubu University

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**Chien-Hui Chuang**
University of Oregon

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**Akira Shibukawa**
Tohoku University

A novel centrosomal protein GTAP-3 is involved in centriole duplication and the recruitment of γ-tubulin to centrosomes

**Shinsuke Uchiya**
Tohoku University

The *C. elegans* MOZART1 ortholog is essential for the recruitment of the γ-tubulin complex to centrosomes.

**Nami Haruta**
Tohoku University

ZYG-9 contributes to multiple aspects of cell cycle-dependent microtubule behaviors

**Satoshi Namai**
Tohoku University
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Ainoa Figuerola-Conchas
Université de Genève / NCCR Chemical-Biology

Syndecan/SDN-1 regulates Wnt-dependent spindle orientation in *C. elegans*

Katsufumi Dejima
University of California San Diego / Tokyo Women's Medical University

*ppk-1/PIP5K regulates cwn-2/Wnt function to orient asymmetric cell divisions in C. elegans*

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SOKENDAI / NIG

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Wei Yung Ding
Mechanobiology Institute, Singapore

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Yinhua Jin
National Institute of Genetics

Role of egg shell geometry in *C. elegans* embryonic development

Pei Yi Tan
National University of Singapore
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**Keiko Saegusa**  
Gunma University

“PKG-1 affects OSM-3 clustering at the distal tip of cilia and negatively affects IFT particle transport in the distal segment”

**Prerana Mahendra**  
National Tsing Hua University

A systematic *in vitro* and *in vivo* screen in axonal motors reveals synaptic vesicle transport and neuron generation direct and indirect regulating by Dynein/Dynactin

**Chih-Wei Wayne Chen**  
National Tsing Hua University

Fertilization-induced K63-linked ubiquitination mediates clearance of maternal membrane proteins

**Miyuki Sato**  
Gunma University

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**Hon-Song Kim**  
Kwansei-Gakuin University

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**Rieko Imae**  
Tokyo Women's Medical University / University of Tokyo

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**Yuan Li**  
National Institute of Biological Sciences
Autolysosome formation requires clearance of phosphatidylinositol-3-phosphate by the myotubularin phosphatase MTM-3 in *C. elegans*.

**Yanwei Wu**
National Institute of Biological Sciences

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**Szecheng J Lo**
Chang Gung University

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**Thanh Thi Kim Vuong**
Institute of Genetics and of Molecular and Cellular Biology

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**Emmanuel Martin**
UQAM

Analysis of expression pattern, localization and function of the PAF1 complex, which is essential for epidermal morphogenesis in *C. elegans*.

**Kenji Tsuyama**
Tohoku University

A genome-wide RNAi screen to identify new players of a muscle-to-epidermis mechanotransduction pathway essential for embryonic elongation

**Christelle Gally**
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University of California Los Angeles

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MLS University of Zurich

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**Hiroshi Qadota**  
Emory University

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**Yu Honda**  
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Yen Wei Lim
Temasek Lifesciences laboratory, National University of Singapore