

Form Meeting, 2004, scheduled talks**Session 1. Friday June 11, 7-8:48 PM**

Eleanor Maine	Candidate EGO-1 interactors that function in germline development.	Xiang Yu, Valarie Vought, Jamie Wasilenko, Tom Ratliff, Bill Kelly, Eleanor Maine
Liana B. Lamont	Two controls of FBF expression in the C. elegans germ line	Liana B. Lamont, Sarah L. Crittenden, David S. Bernstein, Marvin Wickens, Judith Kimble
Darrell J. Killian	Robust germline amplification and the precise timing of initial meiosis are dependent upon interactions with specific cells of the developing gonadal sheath	Darrell J. Killian, E. Jane Albert Hubbard
Chris R. Gissendanner	The NR4A nuclear receptor is required for spermatheca morphogenesis during somatic gonad development	Chris R. Gissendanner, Tri Q. Nguyen, Marius Hoener, Ann E. Sluder, Claude V. Maina
Indrani Chatterjee	The spe-38 gene encodes a novel tetraspan integral membrane protein and is required for sperm function at fertilization	Indrani Chatterjee, Andrew W Singson
Alissa Richmond	Sperm-oocyte interactions in C. elegans	Alissa Richmond, Diane C. Shakes
Tim L. Kroft	SPE-42 is required for sperm-egg interaction during C. elegans fertilization	Tim L. Kroft, Steven W. L'Hernault
Mary Kosinski	A Vesicle-Budding Model for the Release of MSP from C. elegans Sperm	Mary Kosinski, Kent McDonald, Jay Jerome, David Greenstein
Woo Chi	EFL-1 and DPL-1 Activate Genes Required for Oogenesis and Proper Embryonic Specification in the Maternal Germline	Woo Chi, Valerie Reinke

Session 2. Friday June 11, 9:10-10:46 PM

Heather A. Hess	RGS-7 Completes a Receptor-independent Heterotrimeric G Protein Signaling Cycle to Regulate Mitotic Spindle Positioning in C. elegans	Heather A. Hess, Michael R. Koelle
Masaki Shirayama	Three conserved protein kinases, DYRK, CDC2 and GSK3 promote OMA-1 degradation to establish proper cell fate and cell division polarity in early C. elegans embryos	Masaki Shirayama, Takao Ishidate, Kuniaki Nakamura, Craig C. Mello
Ariel B. Isaacson	Automated production of standardized, easy-to-share, easy-to-compare 4D embryonic image data.	Ariel B. Isaacson, William A. Mohler
Darryl Conte Jr.	The germ granule protein PGL-1 is required for efficient RNA interference	Darryl Conte Jr., Yingdee Unhathaya, Craig C. Mello
Christian E. Rocheleau	Enhancers of ksr-1 lethality define new potential regulators of small regulatory RNAs	Christian E. Rocheleau, Yelena Bernstein, Meera V. Sundaram
Gopalakrishna Ramaswamy	Multiple, dynamic microRNA ribonucleoprotein complexes with selective microRNA cargos in C. elegans	Gopalakrishna Ramaswamy, Eun-Young Choi, Frank J. Slack
Patrick J. Hu	eak (enhancer-of-akt-1) genes encode membrane-associated proteins that potentiate AKT-1 signaling in the C. elegans XXX cells.	Patrick J. Hu, Jining Xu, Gary Ruvkun
Jimmy Ouellet	Notch function in differentiated neurons is required to maintain dauer.	Jimmy Ouellet, Richard Roy

Session 3. Saturday June 12, 8:30-10:06 AM

Garth I. Patterson	Control of aging and developmental arrest by TGFbeta and insulin pathways during C. elegans diapause	Manjing Pan, Li Sun da Graca, Tao Liu, Garth I. Patterson
Seung Wook Oh	Life span regulation by JNK MAP kinase in C. elegans: a novel input into daf-16	Seung Wook Oh, Nenad Svrzikapa, Heidi A. Tissenbaum
Alexander M van der Linden	Regulation of chemoreceptor gene expression by MEF-2 and class II HDACs in C. elegans	Alexander M van der Linden, Katie Nolan, Piali Sengupta
Christopher C. Quinn	mig-10 functions downstream of unc-6 and slit-1 to mediate axon guidance.	Christopher C. Quinn, Elizabeth Stovall, Elizabeth F. Ryder, William G. Wadsworth
Megan Higginbotham	Genes Involved In Serotonergic Neurotransmission	Megan Higginbotham, Bob Horvitz
Zhao-Wen Wang	Ryanodine Receptors Regulate Neurotransmitter Release at the C. elegans Neuromuscular Junction	Qiang Liu, Michael Nonet, Lawrence Salkoff, Zhao-Wen Wang
Henry Schaefer	KEL-8, a novel Kelch-like protein, is required for glutamate receptor degradation	Henry Schaefer, Christopher Rongo
Itzhak Mano	Knockout of GLT-3 C. elegans Glutamate Transporter: A Genetic Approach to Study Excitotoxic Neurodegeneration	Itzhak Mano, Sarah Straud, Monica Driscoll

Session 4. Saturday June 12, 10:40 AM-12:16 PM

Michael Y. Chao	A non-developmental role for lin-12 Notch signaling in the C. elegans adult nervous system	Michael Y. Chao, Jonah Larkins-Ford, Anne C. Hart
Laura Bianchi	Calcium permeability of death-inducing DEG/ENAC ion channel MEC-4(d)	Laura Bianchi, Wei-Hsiang Lee, Gargi Mukherjee, Beate Gerstbrein, Dewey Royal, Maryanne Royal, Jian Xue, Monica Driscoll
Ge Shan	UNC-55, a Nuclear Receptor, is Essential for Male Mating	Ge Shan, Bill Walthall

Lingyun Jia	Genes Controlling Sensory Axon Patterning in the <i>C. elegans</i> Male Tail	Lingyun Jia, Scott W. Emmons
Douglas S. Portman	A genomic approach to the development and function of the <i>C. elegans</i> male tail rays	Douglas S. Portman, Daryl D. Hurd, Nicole Juskiw, Kwi Yeon Lee, William R. Mowrey, Carolyn Tyler, Hai Wu
Nansheng Chen	WormBase: What's New and What's Next?	Nansheng Chen, Lincoln D. Stein, WormBase Consortium
Robyn Lints	Frogs and snails and puppy dog tails? WormAtlas launches a guide to what boy worms are made of.	Robyn Lints, Zeynep F. Altun, Huawei Weng, Gloria Stephney, Maurice Volaski, David H. Hall
Ronald E Ellis	A New Phylogeny Reveals Frequent Loss of Introns During Nematode Evolution	Ronald E Ellis, Soochin Cho
Session 5. Saturday June 12, 5:30-7:06 PM		
Karin C. Kiontke	Caenorhabditis phylogeny predicts convergence of hermaphroditism and extensive intron loss	Karin C. Kiontke, Nicholas P. Gavin, Yevgeniy Raynes, Casey Roehrig, Fabio Piano, David H. A. Fitch
Xiaodong Wang	Evolutionary innovation of excretory system in <i>Caenorhabditis elegans</i>	Xiaodong Wang, Helen M. Chamberlin
R. Mako Saito	cdc-14 regulates cki-1 to control cell-cycle arrest	R. Mako Saito, Audrey Perreault, Bethan Peach, John S. Satterlee, Sander van den Heuvel
Javier A. Wagmaister	Transcriptional regulation of Hox gene lin-39 during vulval cell fate specification	Javier A. Wagmaister, Corey A. Morris, Leilani M. Miller, Ginger R. Miley, Kerry Kornfeld, David M. Eisenmann
Attila Stetak	EPS-8 regulates LET-23/EGFR localization during <i>C. elegans</i> vulval development	Attila Stetak, Assunta Croce, Giuseppe Cassata, Pier P. DiFiore, Erika Fröhli Hoier, Alex Hajnal
Jianjun Wang	The C-terminal sequence of <i>C. elegans</i> smad/SMA-3 has multiple roles	Jianjun Wang, Cathy Savage-Dunn
Marianne Land	PKC2 A Calcium-Diacylglycerol Kinase that Runs Hot and Cold	Marianne Land, Charles S. Rubin
Jae Hyung An	Regulation of a Conserved Oxidative Stress Defense by GSK-3 and p38 signaling in <i>C. elegans</i>	Jae Hyung An, Riva Oliveira, Rosanna Baker, Kelly Vranas, Hideki Inoue, Naoki Hisamoto, Yanxia Bei, Craig C. Mello, Kunihiko Matsumoto, T. Keith Blackwell
Session 6. Sunday June 13, 8:30-9:42 AM		
Eric G. Moss	LIN-28 and LIN-46 converge at a branchpoint in the heterochronic pathway	Eric G. Moss, Keven Kemper
Elliot A. Perens	The role of daf-6 and cell-cell interactions in amphid morphogenesis	Elliot A. Perens, Shai Shaham
Scott Dixon	An FGF Signaling Pathway Regulates Membrane Extensions from the Body Wall Muscles in <i>C. elegans</i>	Scott Dixon, Raynah Fernandes, Peter J. Roy
Te-Wen Lo	EGL-15 FGF Receptor Isoforms Play Different Roles in SM Migration	Te-Wen Lo, Catherine S. Branda, Peng Huang, Isaac E. Sasson, S. Jay Goodman, Michael J. Stern
Jun Kelly Liu	MLS-2, an HMX class homeodomain protein essential for mesodermal patterning and cell fate specification	Yuan Jiang, Jun Kelly Liu
Mara Schvarzstein	Regulation of TRA-1 by sex specific proteolytic processing and localization.	Mara Schvarzstein, Laura Mathies, Andrew Spence
Session 7. Sunday June 13, 10:10 AM-12:10 PM		
Brian L. Nelms	Mutations in him-8 suppress developmental defects of egl-13 mutants	Brian L. Nelms, Wendy Hanna-Rose
Stuart Milstein	Generating a more comprehensive picture of apoptosis using multiple functional genomic techniques	Stuart Milstein, Pierre-Olivier Vidalain, Siming Li, David Hill, Marc Vidal
Xiaomeng Yu	Characterization and cloning of a novel component in the cell-corpse engulfment pathway	Xiaomeng Yu, Xiaohong Leng, Chin-Hua Chuang, Sampeter Odera, H. Robert Horvitz, Zheng Zhou
Brendan Galvin	Characterization of the Cell Deaths Caused by Mutations in lin-24 and lin-33	Brendan Galvin, Saechin Kim, Erika Hartweg, Bob Horvitz
Miyuki Sato	RME-6 is a new regulator of Rab5-mediated endocytosis	Miyuki Sato, Ken Sato, Paul Andre Fonarev, Barth Grant
Fern P. Finger	Septins function in morphogenesis of the <i>C. elegans</i> pharynx	Fern P. Finger
William Goodyer	An Essential Role for HTP-3, a HIM-3 Paralog, in Mediating Meiotic Chromosome Behaviour and Structure	William Goodyer, Monique Zetka
Johnathan R. Whetstone	HDA-1 regulates <i>C. elegans</i> embryogenesis: a potential role for a ubiquitous chromatin modifier in regulating tissue-specific gene expression and patterning.	Johnathan R. Whetstone, Julian Ceron, Valerie Reinke, Yang Shi
Bettina Meier	Genetics of telomere replication in <i>C. elegans</i>	Bettina Meier, Sarah Mense, Yan Zhao, Shawn Ahmed
Landon L. Moore	Centromere resolution is inhibited by cohesin proteins and requires condensin II components, HCP-6 and Mix-1	Landon L. Moore, Matt Stankiewicz, David Rosen, Tovah Day