

Ecology, Evolution and Genomics of *C. elegans* and Other Nematodes: Virtual Edition (June 24-25, 2020)

Talk Schedule

June 24	PDT	EDT	GMT+1	(GMT+2)			
	0700	1000	1500	1600	COCKTAIL HOUR on SpatialChat (1h)		
Slot #	PDT	EDT	GMT+1	(GMT+2)	Speaker	Title	Affiliation
	0800	1100	1600	1700	Organizers	Introduction	
1	0805	1105	1605	1705	Cutter Asher	Molecular evolution in <i>Caenorhabditis</i> speciation and development	University of Toronto
2	0830	1130	1630	1730	Baer Charles	Short-term heritable variation overwhelms two hundred generations of mutational variance for metabolic traits in <i>Caenorhabditis elegans</i>	University of Florida
3	0840	1140	1640	1740	Adams Paula	Slow recovery from inbreeding depression generated by the complex genetic architecture of segregating deleterious mutations	University of Alabama
4	0850	1150	1650	1750	Paaby Annalise	Evolution of tRNAs in <i>C. elegans</i>	Georgia Institute of Technology
5	0900	1200	1700	1800	Mallard Francois	Selection and drift determine phenotypic stasis and parallelism with genetic divergence	IBENS Paris
6	0910	1210	1710	1810	Kasimatis Katja	Partitioning Reproductive Success: Experimental Evolution of Male Fertility	University of Toronto
7	0920	1220	1720	1820	Picao-Osorio Joao	A broad mutational target explains a fast rate of phenotypic evolution	IBENS Paris
8	0930	1230	1730	1830	Sarkies Peter	Can epigenetic changes contribute to evolutionary processes in nematodes?	MRC London Institute of Medical Sciences
9	0940	1240	1740	1840	Moein Rajaei	Oxidative stress does not affect the rate or spectrum of germline mutation in <i>Caenorhabditis elegans</i>	University of Florida
10	0950	1250	1750	1850	Teterina Anastasia	Genetic diversity landscapes in <i>Caenorhabditis</i> nematodes: empirical results and simulations	University of Oregon
11	1000	1300	1800	1900	Burga Alejandro	Selfish toxin-antidote elements are widespread in <i>Caenorhabditis tropicalis</i> and active throughout their life cycle	IMBA Vienna
BREAK	1010	1310	1810	1910	BREAK on SpatialChat (20 minutes)		
12	1030	1330	1830	1930	Gupta Bhagwati P	Evolution of transcriptional repressors in <i>Caenorhabditis</i> nematodes	McMaster University
13	1055	1355	1855	1955	Witvliet Daniel	Connectomes across development reveal brain-wide synaptic rewiring in <i>C. elegans</i>	University of Toronto
14	1105	1405	1905	2005	Zdraljevic Stefan	Long-term balancing selection has shaped the <i>Caenorhabditis elegans</i> genome	UCLA
15	1115	1415	1915	2015	Fauset Sarah	Multiple interacting loci explain natural variation in <i>C. elegans</i> germ stem cell niche activity	University of North Carolina Wilmington
16	1125	1425	1925	2025	Stevens Lewis	Population genomics of <i>Caenorhabditis briggsae</i> using improved reference genomes	Northwestern University
17	1135	1435	1935	2035	Webster Amy	Uncovering natural genetic variation affecting starvation resistance using locus-specific population sequencing in <i>C. elegans</i>	Duke University
18	1145	1445	1945	2045	Billard Bénédicte	A single natural mutational event uncovers a life history trade-off via hormonal pleiotropy	IBV Nice, CNRS
19	1155	1455	1955	2055	Stevenson Zach	Rapid Self-Selecting and Clone-Free Integration of Transgenes into Engineered CRISPR Safe Harbor Locations in <i>C. elegans</i>	University of Oregon
20	1205	1505	2005	2105	Evans Tom	Fast evolving ncRNAs modulate developmental reactivation after starvation in <i>C. elegans</i>	U. of Colorado Anschutz Med. Campus
21	1215	1515	2015	2115	Lulamba Tshikala Eddie	The biocontrol potential of <i>Heterorhabditis zealandica</i> strain ETL and its associated bacterium (<i>Photorhabdus heterorhabditis</i> strain ETL)	University of Johannesburg
POSTER SESSIONS	1230	1530	2030	2130	Poster presentations on SpatialChat (open-end)		

June 25	PDT	EDT	GMT+1	(GMT+2)			
	0700	1000	1500	1600	COCKTAIL HOUR on SpatialChat (1h)		
Slot #	PDT	EDT	GMT+1	(GMT+2)	Speaker	Title	Affiliation
	0800	1100	1600	1700	Organizers	Introduction	
22	0805	1105	1605	1705	Gibson Amanda	Adaptation to uncertainty: experimental evolution of parasites in diverse host populations	University of Virginia
23	0830	1130	1630	1730	Chauve Laetitia	A neuronal thermostat controls membrane fluidity in <i>C. elegans</i>	Babraham Institute
24	0840	1140	1640	1740	Shen Yongquan	Evolutionary change in TRA-1/fog-3 dynamics	Rowan University-SOM
25	0850	1150	1650	1750	Van Goor Justin	Exploring the Mechanisms of MSS-Mediated Sperm Competition in <i>C. briggsae</i>	University of Maryland College Park
26	0900	1200	1700	1800	Ross Joe	Temporal and genetic analysis of an intra-species hybrid dysfunction phenotype	California State University, Fresno
27	0910	1210	1710	1810	Schalkowski Rebecca	Pre-copulatory investments and the sperm gigantism syndrome in <i>Caenorhabditis</i> nematodes	University of Toronto
28	0920	1220	1720	1820	Woodruff Gavin	Patterns of genomic diversity and dispersal among island populations of a fig wasp associated relative of <i>C. elegans</i>	University of Oregon
29	0930	1230	1730	1830	Schwarz Erich	Genomic analysis of <i>Rhabditella axei</i> , a model for the evolution of heat resistance in nematodes	Cornell University
30	0940	1240	1740	1840	Ellis Ronald E	Transcription of <i>fem-3</i> is regulated somatically to prevent abnormal TRA-1 activation	Rowan University SOM
31	0950	1250	1750	1850	Carstensen Heather	The Regulation of Developmental Diapause is Coordinated with Molting and Olfaction in <i>Pristionchus pacificus</i>	California State University, Northridge
32	1000	1300	1800	1900	Burton Nick	<i>Caenorhabditis</i> species intergenerationally respond to infection by the soil bacterium <i>Pseudomonas vranovensis</i>	University of Cambridge
BREAK	1010	1310	1810	1910	BREAK on SpatialChat (20 minutes)		
33	1030	1330	1830	1930	Luallen Robert	An intracellular bacterial pathogen of <i>Oscheilus tipulae</i> uses filamentation as a novel mechanism for spreading between host cells	San Diego State University
34	1040	1340	1840	1940	Hoang Kim	Coevolution's conflicting role in the establishment of novel beneficial associations	University of Oxford
35	1050	1350	1850	1950	Hala Tanim	Characterization of an antibacterial gene in <i>Caenorhabditis elegans</i> that is necessary for microsporidia infection.	University of Toronto
36	1100	1400	1900	2000	Bubrig Louis	<i>C. elegans</i> dauer recovery varies with worm-bacteria interactions	University of Alabama
37	1110	1410	1910	2010	Herman Michael	Genomic analysis of natural <i>Stenotrophomonas</i> bacteria and their effects on wild and domesticated <i>C. elegans</i>	University of Nebraska
38	1120	1420	1920	2020	Lisa van Sluijs	Orsay virus infection reduces outcrossing behaviour of <i>Caenorhabditis elegans</i> males	Wageningen University
39	1130	1430	1930	2030	Kloock Anke	Sex matters: Effects of sex and mating in the presence and absence of protective microbes	Oxford University
40	1140	1440	1940	2040	Willis Alexandra	Understanding mechanisms of inherited immunity in a <i>C. elegans</i> model of microsporidia infection	University of Toronto
41	1150	1450	1950	2050	Zhang Fan	Insulin signaling drives <i>Caenorhabditis elegans</i> microbiome acquisition	Baylor College of Medicine
42	1200	1500	2000	2100	Assié Adrien	CeMbio - The <i>C. elegans</i> microbiome resource	Baylor College of Medicine
POSTER SESSIONS	1230	1530	2030	2115	Poster presentations on SpatialChat (open-end)		