

**“The MBL Zebrafish Genetics and Development Course –
A symposium marking 20 successful years training the next generation”
Friday, August 18, 2017**

8:25 **Welcome** (Sharon Amacher, Corinne Houart, Erez Raz)

8:30 – 8:45 MBL Zebrafish Course: History and Perspective
Corinne Houart, Professor, Kings College London
MBL Zebrafish course co-director and faculty (20 yrs, since 1998)

Session 1: Chair, David Raible (16 yrs as course faculty; co-director 2008-2012)

8:45 – 9:15 **John Dowling**, Professor, Harvard University
MBL Zebrafish course co-founder and faculty (20 yrs, 1998-2017)
Genetics of retinal development and function

9:15 – 9:30 **Katie Drerup**, Investigator, NICHD
Course Alumnus, Class of 2006
Axonal transport mechanisms

9:30 – 9:45 **Miguel Concha**, Professor, University of Chile
Course Alumnus, Class of 1998
Brain asymmetry and morphogenesis

9:45 – 10:00 **Alvaro Sagasti**, Associate Professor, UCLA
Course Alumnus, Class of 2001
Axon degeneration, regeneration, and disease

10:00 – 10:30 **Judith Eisen**, Professor, University of Oregon
MBL Zebrafish course faculty (6 yrs, 1998-2005)
Developmental Neurobiology

10:30 – 11:00 *Coffee/Tea Break*

Session 2: Chair, Michael Granato (20 years as course faculty, co-director 2010-2014)

11:00 – 11:30 **Marc Wolman**, Assistant Professor, University of Wisconsin-Madison
Course Alumnus, Class of 2005
Genetic and neural basis of behavior

11:30 – 11:45 **Ellen Hoffman**, Assistant Professor, Yale School of Medicine
Course Alumnus, Class of 2011
Autism risk genes and psychiatric disorders

11:45 – 12:00 **Gil Levkowitz**, Professor, Weizmann Institute of Science
Course Alumnus, Class of 2000
Neuro-developmental disorders

12:00 – 12:30 **Joe Fetcho**, Professor, Cornell University
MBL Zebrafish course faculty (11 years, 1998-2010)
Neural circuit development

12:30 – 1:45 *Lunch*

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Session 3: Chair, William Talbot (18 years as course faculty, co-director 2001-2004)

- 1:45 – 2:15 **Andrea Pauli**, Group Leader, IMP Vienna
Course Alumnus, Class of 2009
Developmental functions of uORFs
- 2:15 – 2:30 **Alon Kahana**, Associate Professor, University of Michigan
Course Alumnus, Class of 2008
Mechanisms of muscle regeneration
- 2:30 – 2:45 **Kelly Monk**, Associate Professor, Washington University School of
Medicine
Course Alumnus, Class of 2006
Axonal myelination
- 2:45 – 3:00 **Jeff Mumm**, Associate Professor, Johns Hopkins University
Course Alumnus, Class of 2001
Mechanisms of cell regeneration
- 3:00 – 3:30 **Alex Schier**, Professor, Harvard University
MBL Zebrafish course faculty (10 years, 2008-2017)
Vertebrate Embryogenesis and Behavior
- 3:30 – 4:00 *Coffee/Tea Break*

Session 4: Chair, Cecilia Moens (18 years as course faculty, co-director 2001-2006)

- 4:00 – 4:30 **Mary Mullins**, Professor, University of Pennsylvania School of Medicine
MBL Zebrafish course faculty (20 years, 1998-2017)
BMP signaling and the vertebrate body plan
- 4:30 – 4:45 **Qiong Yang**, Assistant Professor, University of Michigan
Course Alumnus, Class of 2012
Biophysics and modeling
- 4:45 – 5:00 **Katie Kindt**, Investigator, NIDCD
Course Alumnus, Class of 2007
Sensory hair development
- 5:00 – 5:30 **Scott Fraser**, Provost Professor, University of Southern California
MBL Zebrafish course faculty (3 years, 1999-2001)
Imaging and molecular analysis of intact biological systems
- 5:30 – 6:00 **Nancy Hopkins**, Professor Emeritus, MIT
MBL Zebrafish course co-founder and faculty (7 years, 1998-2004)
“Twenty years of zebrafish research: A reflection and perspective”
- 6:00 **Closing Statements**
- 6:05 **Group Photo**
- 6:15 – 7:30 **Mixer and Posters**
- 7:30 – 11:00 **Banquet**