Friday, July 18, 2014
8:30 am – 12pm
Concurrent Sessions

3. Evo-Devo
Chair: Mark Q. Martindale (Whitney Lab/UFL, USA)

Kane 120

1pm – 3pm
Hilde Mangold Postdoctoral Symposium
(organized by Developmental Dynamics)

Co-chairs: Deirdre Lyons (Duke, USA) and Cortney Bouldin (Univ. of Washington, USA)

1:00-1:15 267 A Common Developmental Origin of Limbs and External Genitalia in Amniote Evolution. Patrick Tschopp1, Emma Sherratt2, Thomas Sanger2, Anna Groner3, Ariel Aspiras1, Jimmy Hu1, Olivier Pourquie1,2,4, Jerome Gros4, Cliff Tabin1 (1Harvard Medical School, USA; 2Harvard Univ., USA; 3Dana-Faber Cancer Institute, USA; 4IGBMC, France; 5Institut Pasteur, France)

1:15-1:30 508 E2a diversifies the functions of Nodal signaling in the embryo. Andrea Wills, Se-Jin Yoon, Rakhi Gupta, Julie Baker (Stanford School of Medicine, USA)

1:30-1:45 395 Identification of motifs that tune the rate of Aux/IAA degradation. Britney Moss1, Jessica Guseman1, Haibin Mao2, Thomas Hinds2, Amy Lanctot2, Marlies Kovenock1, Anisa Noorassa1, Ning Zheng2, Jennifer Nemhauser1 (1Dept. of Biology, Univ. of Washington, USA; 2Dept. of Pharmacology, Univ. of Washington, USA; 3Howard Hughes Medical Institute, USA)

1:45-2:00 130 Tubulogenesis using Wolffian duct as a model: Tubule elongation and cell epithelialization are coordinated by FGF signals. Yuji Atsuta, Yoshiko Takahashi (Kyoto Univ., Japan)

2:00-2:15 202 Contact-mediated cell-to-cell signaling during adult pigment pattern formation in zebrafish. Dae Seok Eom, Megan Grout, David Parichy (Univ. of Washington, USA)

2:15-2:30 459 The pMN neural precursor pool is maintained by continuous recruitment of cells with dynamic positional identity. Andrew Ravanelli, Bruce Appel (Univ. of Colorado School of Medicine, USA)

2:30-2:45 195 Identification of developmental checkpoints in Caenorhabditis elegans regulated by Insulin/IGF and steroid hormone signaling pathways. Adam Schindler, Ryan Baugh, David Sherwood (Duke, USA)

2:45-3:00 452 Developmental pathways regulating melanoma cytoskeletal dynamics in vivo. Minna Roh1, Susumu Antoku3, John Condeelis2, Cecilia Moens1 (1Fred Hutchinson Cancer Research Center, USA; 2Albert Einstein College of Medicine, USA; 3Columbia Univ., USA)

Saturday, July 19, 2014
8:30 am – 12pm
Concurrent Sessions

6. The Development and Evolution of Marine Organisms
Chair: Nipam Patel (UC Berkeley, USA)

Kane 110

Sunday, July 20, 2014
8:30 am – 12pm
Concurrent Sessions

9. Cell Shape, Cell Polarity/Asymmetry and Growth Control
Chair: Pamela Hoodless (British Columbia Cancer Agency, Canada)

Kane 110

9:15 - 9:45 Maintaining one's identity: Recruiting retinoblastoma (Rb) to exit a plant stem cell lineage. Dominique Bergmann (Stanford, USA)
**Lunch and Dinner Discussion Theme Tables**  
*Pompeii Room, McMahon Hall Lower Level*  
Sign up at SDB Registration Desk in Kane Lobby

**Friday, July 18, 6 – 7:30 pm**  
"Biological Databases" led by Paul Sternberg (Caltech)

**Saturday, July 19, 12 – 1 pm**  
"Career/Family Choices" led by Elaine Ostrander (NIH)  
"On Writing/Publishing Papers" led by Guillermo Oliver (St. Jude)

**Saturday, July 19, 6 – 7:30 pm**  
"Award-Winning Poster Presentations" led by Virginia Anderson (Towson)  
"Careers in Formal & Informal Science Education" led by Sally Shuler (WISE)

**Sunday, July 20, 12 – 1 pm**  
"How to Choose and Interview for a Postdoc" led by Geraldine Seydoux (Johns Hopkins)  
"Finding a Job in Academia" led by Lee Niswander (U. of Colorado Denver)