



The 9th CDB Lecture

Sean Megason

Harvard Medical School, USA

Thursday, August 20, 2015
16:00~ C1F CDB Auditorium

In toto imaging reveals multi-scale mechanisms for robustness in patterning and morphogenesis



Dr. Sean Megason grew up in Texas, received a B.S. in Molecular Biology from the University of Texas at Austin, and a Ph.D. in Molecular Cell Biology at Harvard University in the laboratory of Andrew McMahon in 2001. He conducted his post-doctoral research at California Institute of Technology with Scott Fraser, and started his laboratory in the Department of Systems Biology at Harvard Medical School in 2008.

The Megason Lab uses imaging-based systems biology to elucidate the systems level principles of animal development. He is particularly interested in long standing problems in embryology whose understanding has defied molecular reduction namely patterning, morphogenesis, and size control. His laboratory pursues these questions in the inner ear and spinal cord of zebrafish using a variety of techniques including genetics, microscopy, and modeling.

Host:

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