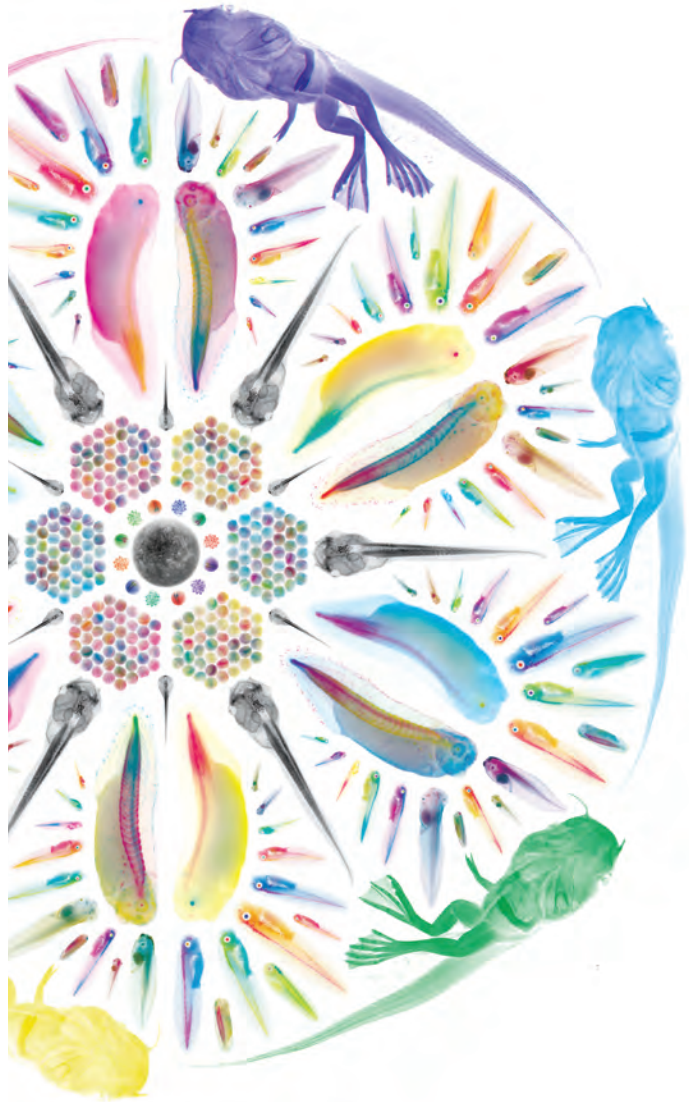


# Data visualization masterclasses for life scientists



# VIZBI 2015 TUTORIALS

**MARCH 24**

**BROAD INSTITUTE  
CAMBRIDGE, MA**

**9:30 am - 1:00 pm**

Interactive metagenome exploration using MEGAN

D. Huson U. Tübingen, Germany

Visualizing genomes with CURSOR

N. Shores Broad Inst., USA

Engaging with the Allen Brain Atlas resources

T. Gilbert Allen Inst. for Brain Science, USA

Network visualization and analysis workflows with

Cytoscape K. Ono UCSD, USA

Crafting dynamic molecular animations with  
Molecular Maya & Clarafi.com

G. McGill Harvard Medical School, Digizyme, USA

Rapid data visualization design

F. Rowland & R. Sakai EMBL-EBI, UK; KU Leuven, CTTV,  
Belgium

**2:30 pm - 6:00 pm**

Structure visualization with Aquaria and Chimera

S. O'Donoghue & S. Hertig CSIRO, Garvan Institute,  
Australia; UCSF, USA

Spatially realistic single-cell models from high-content  
microscopy data J. Czech, G. Johnson, B. Antal &

J. J. Tapia Pittsburgh Supercomputing Center, U. Pittsburgh,  
Carnegie Mellon U., USA; U. Cambridge, UK

Single cell sequencing and functional genomics data  
with Galaxy, UCSC Xena and Gingko

R. Aboukhalil & M. Goldman Cold Spring Harbour  
Laboratory, UCSC, USA

Genomes in 3D: Juicebox, TADKit and Genome3D

N. C. Durand, J. Robinson, M. Goodstadt, M. A.

Marti-Renom, W. J. Zheng & J. Tang Baylor College of  
Medicine, Broad Institute, UT Health Science Center Houston,  
U. South Carolina, USA; CNAG, CRG, Spain

Reuse, develop and share biological visualization with  
BioJS M. Corpas, T. Goldberg, G. Yachdav,

S. Wilzbach & D. Dao TGAC, Norwich, UK; T.U. Munich,  
HITS, Germany; Columbia U., USA

Fee: \$130 per tutorial

For details and to register please visit

**[www.vizbi.org/2015](http://www.vizbi.org/2015)**