

# From Stem Cells to Organs

6th Annual NYU Developmental Genetics Symposium

- 9:00-9:15 **Chair's Welcome and Introduction: Stephen Small (NYU)**
- 9:15-9:45 **Valentina Greco (Yale University)**  
*Cellular and signaling mechanisms of skin stem cells by live imaging*
- 9:45-10:15 **Fiona Doetsch (Columbia University)**  
*Adult neural stem cells and their niche: a dynamic duo during homeostasis and regeneration*
- 10:15-10:45 **Benjamin Ohlstein (Columbia University)**  
*Regulating stem cell number in the Drosophila midgut: You can go home again*
- 10:45-11:15 COFFEE BREAK
- 11:15-11:45 **Ted Erlik (NYU Biology)**  
*Combinatorial input from temporal and spatial axes generates neuronal diversity and establishes retinotopy in the Drosophila visual system*
- 11:45-12:30 **Chris Doe (University of Oregon)**  
*Keynote: Combinatorial temporal patterning expands neural diversity in the Drosophila adult brain*
- 12:30-2:00 LUNCH
- 2:00-2:30 **Benoit G. Bruneau (Gladstone Institute of Cardiovascular Disease)**  
*Transcription regulation of heart development*
- 2:30-3:00 **Duncan Smith (NYU Biology)**  
*Quantitative, genome-wide analysis of replication initiation and termination*
- 3:00-3:30 **Marina Chekulaeva (BIMSB, Max Delbrück Center, Berlin)**  
*Exploring the mechanisms of miRNA function*
- 3:30-4:00 COFFEE BREAK
- 4:00-4:30 **Robert Zinzen (BIMSB, Max Delbrück Center, Berlin)**  
*Transcription factors & Epigenomics – tissue specific control of gene expression in early development*
- 4:30-5:15 **Dan Littman (NYU Medical School)**  
*Keynote: Pathways of T cell development and differentiation*
- 5:30 RECEPTION

**December 6, 2013**

**NYU Center for Genomics & Systems Biology**

12 Waverly Place, New York, NY 10003

Register online at: [nyu.edu/as/biology/dg2013](http://nyu.edu/as/biology/dg2013)

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