

Dr. Ong Seng Kai

Position: Senior Lecturer  
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**Education:**

Ph.D. in Biological Sciences, University of Missouri-Columbia, USA

B.Sc. in Biology & Minor in Chemistry, University of Missouri-Kansas City, USA

**Teaching:**

BIO1064 Human Anatomy

BIO1084 Genetics and Biotechnology

**Brief Employment History:**

Johns Hopkins University : Postdoctoral Researcher

University of Missouri-Columbia : Research/Teaching Assistant

Stowers Institute for Medical Research : Visiting Undergraduate Research Fellow

**Research Interests:**

1. Drosophila genetics as a tool for genome-wide mutagenesis screen
2. Regulation of cell proliferation, differentiation and apoptosis

**Selected Publications:**

1. **SengKai Ong**, Christopher Foote, and Change Tan, Mutations of DMYPT Cause Over Constriction of Contractile Rings and Ring Canals during Drosophila Germline Cyst Formation. *Developmental Biology*, Vol. 346, Issue 2, 161-169, 2010.
2. **SengKai Ong** and Change Tan, Germline Cyst Formation and Incomplete Cytokinesis During Drosophila melanogaster Oogenesis. *Developmental Biology*, Vol. 337, Issue 1, 84-98, 2010.
3. Scott Page, Rachel J. Nielsen, Kathy Teeter, Cathleen M. Lake, **SengKai Ong**, Kathleen R. Wright, Kristen L. Dean, Daniel Agne, William D. Gilliland and Scott Hawley, A Germline Clone Screen for Meiotic Mutants in Drosophila melanogaster. *Fly*, Vol. 1, Issue 3, 172-181, 2007.