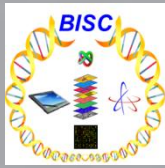




# Dr. Ajay Srivastava

## Department of Biology



### Research Interests

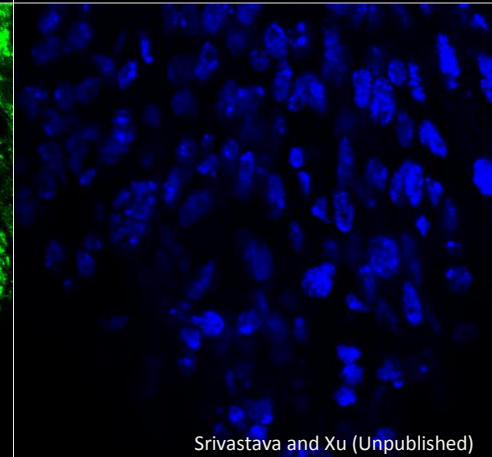
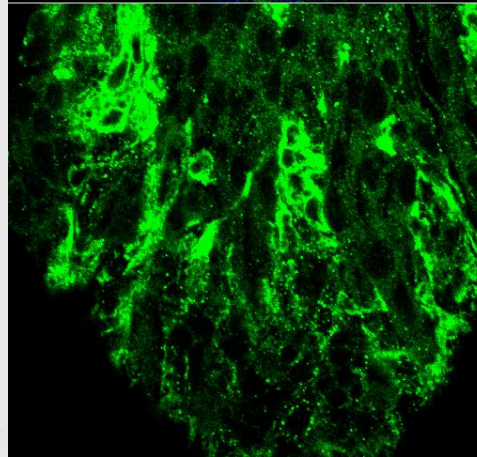
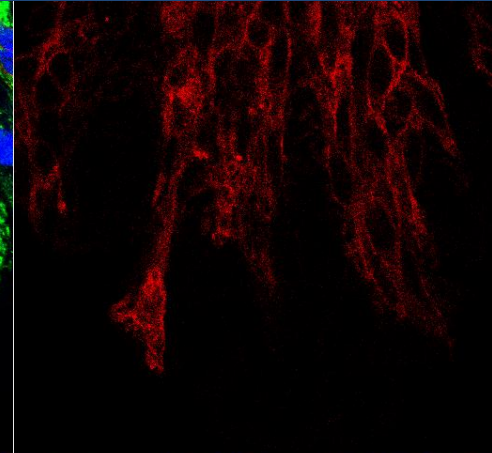
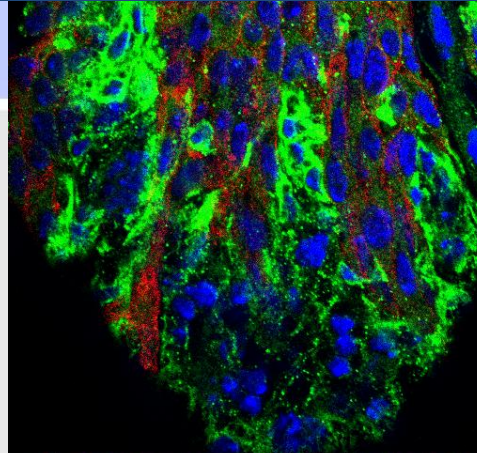
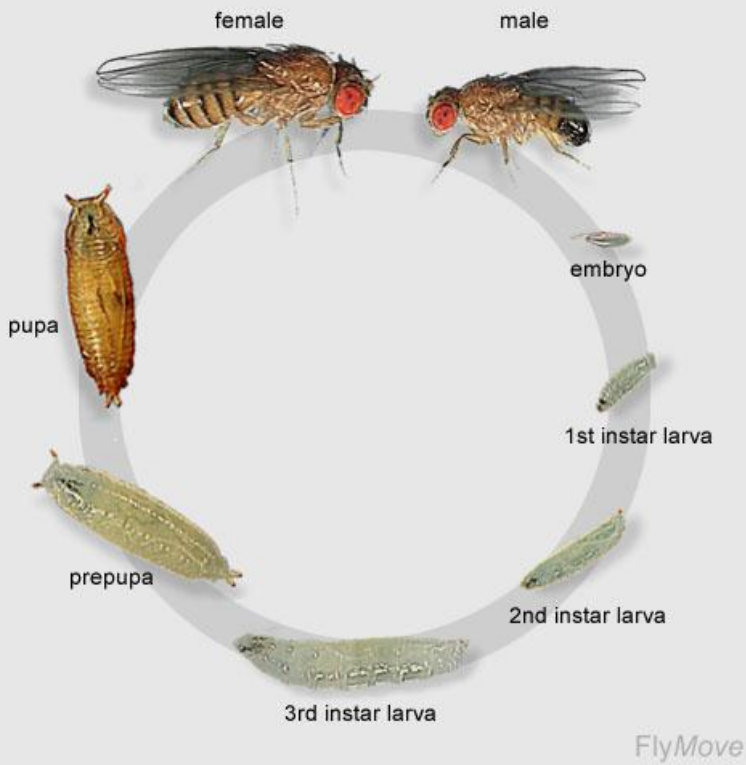
- Understanding Molecular Mechanisms of Development and Disease
- Understanding Contributions of Extracellular Matrix to Normal Development and Tumorigenesis using *Drosophila* Genetics
- Understanding Mechanisms of Basement Membrane Degradation during Normal Development and Tumorigenesis
- Understanding the Development of *Drosophila* Wing as a Model of Organogenesis

### Courses Taught

- Biol 120: Introductory Biology
- Biol 327: Genetics
- Biol 440: Developmental Genetics

# RESEARCH IN THE SRIVASTAVA LAB

The life cycle of *Drosophila melanogaster*



A novel protein (green) being expressed by  
invasive tumor (red) cells

Srivastava and Xu (Unpublished)

We use *Drosophila* to address problems in development and disease

# Students in the Srivastava Lab



Srivastava lab in the Fall of 2011

We are always looking for talented and motivated students to join the lab and experience the thrill of discovery first hand!! Come join us!!!