**CSB492H1S    Advanced Topics in Cell and Systems Biology**

**Lecturer:**

Prof. B. Chang belinda.chang@utoronto.ca

**Prerequisite:** [CSB325H1](http://www.artsandscience.utoronto.ca/ofr/calendar/crs_csb.htm#CSB325H1)/[CSB349H1](http://www.artsandscience.utoronto.ca/ofr/calendar/crs_csb.htm#CSB349H1)

This advanced course covers topics in cell and systems biology at all levels of biological organization.  Students learn about the wide array of state-of-the-art molecular, genomic, proteomic, cell biological, imaging, physiological and computational tools and methods that researchers use to study the behaviour of cells.