



## Department of Anatomy and Cell Biology

Hosted by Dr. Susanne Bechstedt

# “Developmental regulation of cytokinesis incompleteness and stable actomyosin rings in *C. elegans* germ cells”

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Cell division typically ends with cytokinesis, the physical separation of a mother cell in two distinct entities. Some cell types however, such as gamete precursors in most animal species, do not complete cytokinesis and form a syncytial architecture in which cells remain interconnected by stable cytoplasmic bridges. We are using the nematode *C. elegans* as model to explore the mechanisms that enable developmentally-regulated cytokinesis incompleteness and cytoplasmic bridge stabilization in germ cells.

**Wednesday, September 19<sup>th</sup>, 2018**

**11:30 am**

**Strathcona Anatomy Building  
3640 University Street  
Room 2/36**

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