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Hosted by: Dr. Chantal Autexier



Wednesday, October 16, 2019

11:30 am

Room 1/12

Strathcona Anatomy Building

3640 University Street

“Coordinating propulsive and contractile forces during collective cell migration.”

Collective cell migration plays a fundamental role during development and is involved in the dissemination of cancer cells. In order to migrate, cells need to coordinate the formation of protrusions at the front and contractility at the rear. The mechanisms involved in this process is poorly described in single cell migration and almost entirely unknown in collective cell movements. Our work using border cell migration in *Drosophila* and epidermoid carcinoma cells in culture focus on the role of actin supracellular structures in regulating cell coordination.