Département d'immunologie et biologie cellulaire

CONFÉRENCE

Investigating systemic oncogenic signaling mechanisms in a Drosophila tumour model

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Dr. Esther Verheyen is a Professor in the Department of Molecular Biology and Biochemistry, Simon Fraser University. Her research focuses on protein kinase regulation of conserved signaling pathways during development. Her group has identified biochemical mechanisms controlling growth, patterning and tissue proliferation. She is particularly interested in learning how dysregulation of kinase function leads to cancer. Recent work integrates cell signaling and metabolic reprogramming to reveal new insights into tumorigenesis. The lab also uses Drosophila to study human disease-causing mutations in developmental disorders. Dr. Verheyen was Chair of the Institute Advisory Board of the CIHR Institute of Genetics. She is co-Director of the Centre for Cell Biology, Development, and Disease (C2D2) at SFU. She is on the Editorial Board of Disease Models and Mechanisms. In 2016 she was awarded the 'Grant and Moens Award of Excellence in Genetics' from the Canadian Society for Molecular Biosciences.

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