

Wednesday, April 29th, 2015

LSC 3 - Life Sciences Centre

2350 Health Sciences Mall

12-1pm



Dr. Hervé Falet

*Instructor, Harvard Medical School &
Associate Biologist, Brigham and Women's Hospital*

“Receptor-mediated endocytosis in megakaryocyte development”

Blood platelets are produced by bone marrow megakaryocytes in a process that requires extensive membrane rearrangements. These include the formation of the demarcation membrane system, the surface-connected membrane extension that invaginates into the cell body and elaborates to provide membranes for future platelets. Our current research is focused on the cellular mechanisms and membrane binding and deforming proteins involved in the formation of this unique internal membrane system. In this talk, we will highlight our recent efforts to characterize the role of the large GTPase dynamin 2 and the F-BAR protein PACSIN2 in receptor-mediated endocytosis required for megakaryocyte development and platelet production.

Please contact Dr. Hugh Kim (hughkim@dentistry.ubc.ca)
to network with the guest speaker.