

# The Biological and Biomedical Joint Seminar Series

(Hosted by the departments of Molecular & Cellular Biology, Chemistry & Biochemistry, Cellular & Molecular Medicine, and Plant Sciences)

*“Asymmetry in the activation mechanism of EGF Receptors: insights from evolution, structure, and the clinic”*

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Tuesday October 15<sup>th</sup>, 2019  
ENR2 Room SI07 @ I1AM

Hosted By: Nancy Horton



**EGF receptors are a family of growth factor receptor tyrosine kinases critically important to cellular growth, proliferation, and survival in humans. Consequently, they are the primary target of therapeutic intervention in a number of cancers. Receptor function is dependent on a unique asymmetric mechanism of activation. The focus of my talk will be on new insights gained into the molecular details, and clinically relevant variations, of this mechanism using techniques in cellular biology, biochemistry, and structural biology.**

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