



Discovery Science
Emerging Scholars Lecture

“Structural Basis of TAM Receptor Oligomerization”



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Receptor tyrosine kinases are key regulators of a wide range of biological functions and share a single transmembrane helix that links an extracellular domain to an intracellular kinase domain. How a single helix promotes the large diversity of signaling mediated by RTKs has long been a question of interest. Classically, RTKs are considered to be activated by ligand-induced dimerization. However, my work on the TAM subfamily of receptors has shown unique requirements for oligomerization and suggests that our current simple view of receptor activation is insufficient to explain the observed complexity of receptor signaling.

Friday
April 2, 2021
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Zoom

This lecture series features the most promising young scientists who are making notable discoveries as postdoctoral fellows or early career faculty.

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