

Combi Seminar

Wednesday, 11.20.19 | 1:30 | Foege Auditorium



Dr. Arvind Subramaniam

Fred Hutchinson Cancer Research Center

“Quantitative Models of mRNA Translation”

Proteins account for the largest fraction of macromolecules in most living cells. In fast growing cells such as microorganisms and cancer cells, over a third of the nutrients and energy used by the cells goes towards making proteins. Because of this large demand on cellular resources, the rate of protein synthesis is often tightly regulated depending on nutrient levels in a cell's growth environment. Research in our lab aims to understand the molecular mechanisms and cellular design principles that enable this tight regulation.

<http://rasilab.org/>

Questions? Contact Brian Giebel at bgiebel@uw.edu or visit the Combi website at <http://www.gs.washington.edu/news/combi.htm>

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