



## Life Sciences Seminar

# Understanding Ras Sensitivity to Mutation by High-Throughput Mutagenesis

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Host: Florian Schur

Ras and many other proteins that are oncogenic, i.e., associated with cancer when mutated, are allosteric switches. The growing power of gene synthesis and next-generation sequencing can be harnessed to yield insights into molecular mechanism in a novel way. I will cover the application of high-throughput mutagenesis to Ras, combined with structural analysis and molecular dynamics simulations, with an emphasis on understanding the allosteric mechanisms that lead to mutational sensitivity.

**Tuesday, June 4, 2019 02:00pm - 03:30pm**

Big Seminar room Ground floor / Office Bldg West (I21.EG.101)



This invitation is valid as a ticket for the ISTA Shuttle from and to Heiligenstadt Station.

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