



## Institute colloquium

# CryoEM of dynamic molecular assemblies

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National Institutes of Health

Host: Leonid Sazanov

Recent breakthroughs in the field of cryo-electron microscopy (cryo-EM) provide unprecedented prospects for determination of the structures of a variety of medically important macromolecular assemblies. Using new methods for image processing, we have now shown that protein structures can be resolved in atomic detail, at resolutions comparable to those achieved in high-resolution X-ray crystallography. In my lecture, I will discuss recent advances we have made in using cryo-EM to address selected problems in cancer biology and also review the broader context of the development of cryo-EM methods for studying protein complexes, viruses and cells as they relate to the development of improved therapeutic agents.

**Monday, January 22, 2018 04:00pm - 05:00pm**

Raiffeisen Lecture Hall, Central Building



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

Please find a schedule of the ISTA Shuttle on our webpage:

<https://ista.ac.at/en/campus/how-to-get-here/> The ISTA Shuttle bus is marked ISTA Shuttle (#142) and has the Institute Logo printed on the side.