



Melissa Matthews

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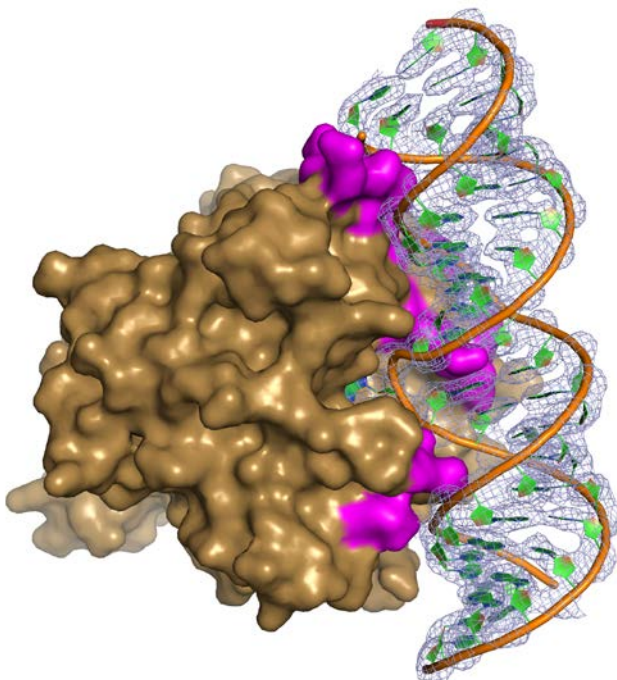
Date: Thursday, May 11th, 2017

Time: 10:00 – 11:00

Venue: D015 (Lab1, Level C)

***" Crystallographic Insights into an Adenosine
Deaminase and a Sialic Acid Activator "***

An in-depth structural analysis of two very different but interesting enzymes will be presented. The catalytic mechanism and basis for substrate preference of both an RNA deaminase (human ADAR2) and a sialic acid activator (*Neisseria meningitidis* CMP-sialic acid synthetase) are clearly elucidated through extensive protein crystallography and biochemical characterization.



Host: Prof. Matthias Wolf
Molecular Cryo-Electron
Microscopy Unit
(Wolf Unit)