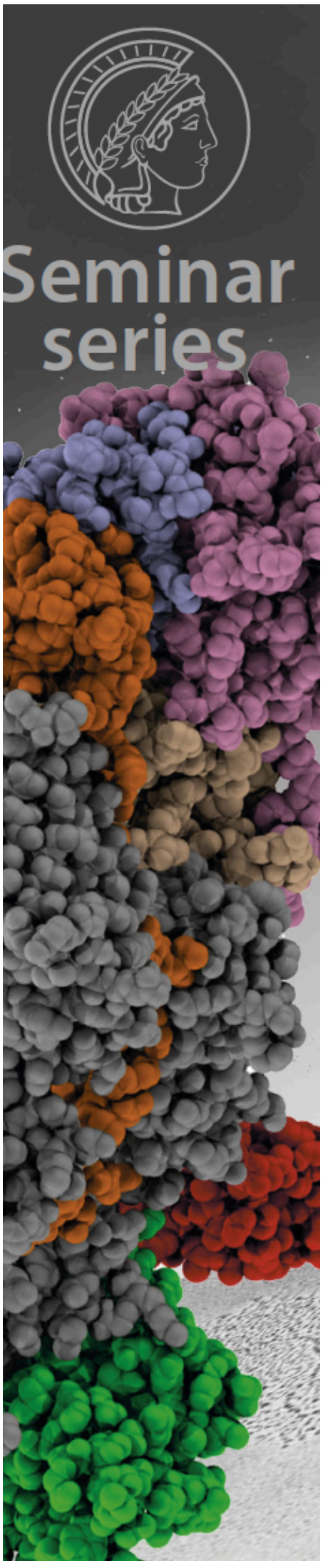

Thursday
15 March 2018
1.00 pm

Shona Murphy

Sir William Dunn School of Pathology,
University of Oxford, UK

The mysterious world of pol II CTD kinases

The carboxyl-terminal domain (CTD) of RNA polymerase II (pol II) is subject to multiple dynamic modifications during the transcription cycle, including phosphorylation by kinases. These CTD kinases are important for co-transcriptional RNA processing and control of elongation of transcription. We have been investigating the effects of short term inhibition of CTD kinases on transcription and CTD phosphorylation by mNET-seq and have uncovered new connections between transcription and RNA processing.

Host: Prof. Dr. Patrick Cramer
Place: Max Planck Institute for Biophysical Chemistry
Department of Molecular Biology
T4, 2nd floor