

## 2020 Postgraduate Lockdown Symposium

### 15<sup>th</sup> June programme:

Introduction by Finn Werner, 1000 hrs

#### Session-1, 1015-1215 hrs, chair: John Christodoulou

- 1015 hrs** **Stephanie Webb** *'Inside the cilium: dissecting the molecular mechanism of kinesin-2 activation'* (yr-3, Roberts/Moores)
- 1045 hrs** **Conor Lanphere** *'Building synthetic membrane pores with designed function'* (yr-4, Howorka)
- 1115 hrs** **Kristina Ulicna** *'Deep Lineage with Deep Learning: Tracking the Single-Cell Heterogeneity within Non-/Cancer Cell Populations'* (yr-2, Lowe)
- 1145 hrs** **Rebecca Roddan** *'Norcochlorine Synthase: Structural Studies, Enzyme Engineering and the Biocatalytic Synthesis of Novel Alkaloids'* (yr-4, Hailes/Keep/Ward)

Lunch break 1215-1300 hrs

#### Session-2, 1300-1340 hrs, chair: Giulia Zanetti

Keynote by Jerome Gouge, ISMB Welcome Henry Dale Fellow: *'New tricks for an old dog: RNA Pol III in cancer'*

#### Session-3, 1345-1615 hrs, chair: Carolyn Moores

- 1345 hrs** **Gwenny Cackett** *'The African Swine Fever Transcriptome'* (yr-3, Werner)
- 1415 hrs** **Matthew Sinnott** *'Combining Information from Crosslinks and Monolinks in the Modelling of Protein Structures'* (yr-4, Topf/Thalassinos)
- 1445 hrs** **Harrison O'Brien** *'The structure of the von Willebrand factor C3 domain'* (yr-3, Hansen)
- 1515 hrs** **Charles Burridge** *'Dynamics of a folded nascent chain, studied by NMR'* (yr-4, Christodoulou)
- 1545 hrs** **Charles Eldrid** *'Studying Protein Dynamics and Unfolding Using A Novel Mass Spectrometer'* (yr-4, Thalassinos)

Closing remarks, 1615 hrs