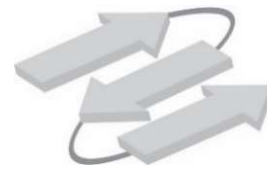


Autumn 2020

ISMB Seminar Series



ISMB
Institute of Structural
and Molecular Biology

Redox regulation in health and disease

Coordinated and hosted by **Prof. Ivan Gout** and **Dr. Amandine Marechal**, except where noted.

Talks take place on **Wednesdays** from **1-2pm** on *Microsoft Teams* via the link in promotional emails.

30th September *Towards Understanding Cellular Redox Regulation*
Prof. Helmut Sies, Institute for Biochemistry and Molecular Biology, Heinrich Heine University Düsseldorf, Düsseldorf, Germany

7th October *Redox regulation in ageing*
Dr. Helena Cochemé, Redox Biology Group, Imperial College, London, UK

14th October *A new twist on type IV pili - cryoEM reveals two distinct filaments assembled by the same bacterium*
Dr. Vicki Gold, University of Exeter, Exeter, UK
Special host: Prof. Helen Saibil

21st October *Glutathione: an antioxidant or a signalling molecule?*
Prof. Pietro Ghezzi, Brighton and Sussex Medical School, Brighton, UK

28th October *Cryo-EM: From Blobology to Drug Design*
Dr. Basil Greber, Institute of Cancer Research, London, UK
Special host: Dr. Jerome Gouge

4th November *Redox regulation of selective autophagy*
Dr. Viktor Korolchuk, Newcastle University, Newcastle upon Tyne, UK

11th November *Targeting redox-regulated metabolons in Alzheimer's disease*
Prof. Myra Conway, University of the West of England, Bristol, UK

18th November *The role of redox-regulated PKG in pulmonary hypertension*
Dr. Olena Rudyk, School of Cardiovascular Medicine & Sciences, Kings College, London, UK

25th November *Persulfidation in control of cell function*
Prof. Elias Arnér, Karolinska Institutet, Sweden

2nd December *Redox signaling in vascular endothelial cells under defined ambient oxygen levels*
Prof. Giovanni Mann, Free Radical Biology & Medicine, Kings College, London, UK

9th December *The Type VII protein secretion system of Staphylococcus aureus*
Prof. Tracy Palmer, Newcastle University, Newcastle upon Tyne, UK
Special host: Prof. Helen Saibil