



**KENNEDY**  
INSTITUTE OF RHEUMATOLOGY | NDORMS



## Oxford Centre for Microbiome Studies – Microbiome afternoon

Thursday 10<sup>th</sup> October 1-5pm followed by drinks reception

Kennedy Institute of Rheumatology, Roosevelt Drive, Headington, Oxford OX3 7FY

- 12:30 – 1      **Registration**
- 1 – 1:15      **The OCMS**  
*Sam Bullers, Oxford Centre for Microbiome Studies*
- 1:15 – 1:40      **Mouse microbiomes gone wild: evolutionary and ecological forces shaping the gut microbiota in wild rodents**  
*Sarah Knowles, Department of Zoology*
- 1:40 – 1:55      **ProQuorum – a probiotic approach to solving C. difficile infections**  
*Natasha Cooke, Department of Biochemistry*
- 1:55 – 2:20      **AhR sensing bacterial quorum during infection**  
*Pedro Moura Alves, Ludwig Institute for Cancer Research*
- 2:20 – 2:45      **Can nurturing gut bacteria really improve brain function?: introducing the psychobiotics**  
*Philip Burnet, Department of Psychiatry*
- 2:45 – 3:05      **Coffee break**
- 3:05 – 3:25      **The microbiology of pleural infection**  
*Nikolaos I. Kanellakis, Laboratory of Pleural Translational Research*
- 3:25 – 3:40      **Measuring gut microbiome effects on human metabolism: Challenges and opportunities**  
*James McCullagh, Department of Chemistry*
- 3:40 – 4:05      **Hunt for putative arthritogenic peptides in Ankylosing Spondylitis using MHC class I yeast display**  
*Geraldine Gillespie, Nuffield Department of Medicine*
- 4:05 – 4:30      **More than guts: Porphyromonas gingivalis energy metabolism and systemic diseases**  
*Gustavo Arruda Bezerra, Structural Genomics Consortium*
- 4:30 – 5      **The parasitic worm product ES-62 normalises the gut microbiota bone marrow axis in inflammatory arthritis**  
*Margaret Harnett, Immunity, Infection and Inflammation, University of Glasgow*
- 5 – 6      **Drinks reception**  
*Kennedy Institute Atrium*