

PATHOGEN MULTIOMICS AND BIOINFORMATICS

PhD Advanced Course

11-15 July 2022

GUEST SEMINAR DAY – July 15th

PROGRAMME



9:15 – *Development of pipelines towards whole bacterial genome analysis and antimicrobial resistance screening*

Narciso Martin Quijada, University of Veterinary Medicine (Vetmeduni)

10:00 – *Gut microbiota in disease: players or played?*

André Santos, Research Institute for Medicines (iMed), Faculdade de Farmácia da Universidade de Lisboa (FFUL)

10:45 – *Untangling parasite sequestration using interdisciplinary approaches*

Sara Silva Pereira, Instituto de Medicina Molecular (iMM) João Lobo Antunes

Online Seminars:

ZOOM Meeting ID

[833 3966 7740](https://lms.zoom.us/j/83339667740)

11:30 – *TB genomics... What can it tell us?*

Taane Clark, London School of Hygiene and Tropical Medicine (LSHTM)

12:30 – *Lunch Break*

14:00 – *Genomic and evolutionary dynamics of viral epidemics in Brazil – from Zika to SARS-CoV-2 and monkeypox*

Nuno Faria, School of Public Health, Imperial College London (ICL), Institute of Tropical Medicine of the University of Sao Paulo (USP) and, University of Oxford (UO)

15:00 – *Using molecular phylogenetics for the production of antiviral compounds*

Nuno Taveira, Research Institute for Medicines (iMed), Faculdade de Farmácia da Universidade de Lisboa (FFUL) and Instituto Universitário Egas Moniz (IUEM)

More Information:

<http://sites.ff.ulisboa.pt/pathogen-bioinformatics>

Course Direction:

João Perdigão (FFUL/iMed)