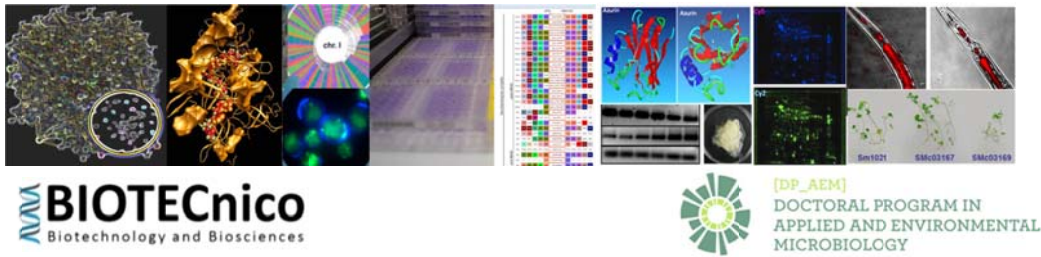


1st JOINT BIOTECnico AND AEM PhD PROGRAMS WORKSHOP



IST, 21 and 22 January 2016

PROGRAMME

January 21

- 14:00 – Welcome session
- 14:15 – **From Research in Diagnostics to the AgroFood Market**
Dr. Mário Gadanho (Biopremier S.A. CEO)
- 15:15 – **Enhancement of the biotechnological value of a commercial cold-adapted xylanase**
Mário Barroca (AEM PhD student)
- 15:35 – ***Ashbya gossypii* beyond industrial riboflavin production: A historical perspective and emerging biotechnological applications**
Rui Silva (AEM PhD student)
- 16:00 – Coffee break
- 16:30 – **The microbiome of keratose marine sponges: spatiotemporal dynamics and functional attributes**
Dr. Rodrigo Costa (CCMAR, UAlgarve),
- 17:30 – **Insights into the mechanism of antimicrobial activity and its exploitation for developing new therapies against clinically relevant bacteria**
Ana Margarida Pereira (AEM PhD student)
- 17:50 – **Technological development of biocidal strategies economically viable for the contention of infections by the filamentous phytopathogenic fungus *Moniliophthora perniciosa* Stahel Aime & Phillips-Mora**
Pedro Ferraz (AEM PhD student)
- 18:10 – ***Candida glabrata* biofilm formation, metabolism and antifungal tolerance - state of the art**
Rosana Alves (AEM PhD student)
- 18:30 – Visit to iBB (Institute for Bioengineering and Biosciences) lab facilities - BSRG

January 22

- 9:30 – **Ethics in Science**
Prof. Jorge Silva (BioISI, Fac. Ciências, ULisboa)
- 10:30 – **Bacterial adaptive evolution during chronic infection: the case study of the *Burkholderia cepacia* complex in the cystic fibrosis lung**
Amir Hassan (BIOTECnico PhD student)
- 10:50 – **Nano-Beacons: Biosensors with Plasmonic Enhancement of Fluorescence Signalling for Nucleic Acid Detection**
David Botequim (BIOTECnico PhD student)
- 11:10 – **Intellectual Property Overview**
Eng^a. Rita Mendonça (IST Technology Transfer Office)
- 12:10 – Lunch
- 13:30 – **Failure is not an option**
Dr. Sofia Martins (Magnomics)
- 14:30 – **Antifungal drug resistance in *Candida glabrata*: the regulators and the effectors**
Pedro Pais (BIOTECnico PhD student)
- 14:50 – **Development of a novel purification platform for Fab antibody fragments based on affinity peptide ligands**
André Nascimento (BIOTECnico PhD student)
- 15:10 – **Biomimetics & Smart-Materials in Bioseparation**
Prof. Cecília Roque (UCIBIO, UNL)
- 16:10 – Coffee break
- 16:30 – Visit to iBB (Institute for Bioengineering and Biosciences) lab facilities - BERG
- 17:00 – General Discussion and Closing session