



PhD projects presentation

29th May 2018, ITQB auditorium

Curricular Unit: Research Training II

Chairperson: Cristina Silva Pereira

9:30-9:45	Ana Rita Pereira Oliveira ✓	Biocatalytical reduction of carbon dioxide for sustainable biofuel production
9:45-10:00	Ana Catarina Barbosa ✓	Unravelling the role of DsrD and DsrJOP in dissimilatory sulfite reduction
10:00-10:15	Carla Mateus ✓	Green biocatalysts for removal of emerging pollutants
10:15-10:30	Patrícia Alexandra Soares Sequeira ✓	Identification and characterization of bioactive secondary metabolites from the filamentous fungus <i>Neurospora crassa</i>
10:30-10:45	Ana Carolina Cordeiro ✓	Exploring the synergy between antifungals and copper loading
Coffee Break (30 min)		
11:15-11:30	Marta Filipa Mota Vieira ✓	<i>Unraveling structural dynamics of Tir-Host interactions blocking immune response</i>
11:30-11:45	Ana Maria Alves Machado Gonçalves da Silva ✓	Examining the role of BoA in the virulence and persistence of foodborne pathogens
11:45 – 12:00	Ana Patrícia Páscoa Quendera ✓	An RNA-based approach to bacterial infection: The function of PNPase and regulatory noncoding RNAs in <i>Listeria virulence</i>
12:00 -12:15	Diogo Silva ✓	Tool-box of engineered DyP-type peroxidases for lignin degradation and valorisation
12:15 – 12:30	Maria Inês Paiva da Silva Leitão ✓	DNA-derived N-heterocyclic carbenes as anticancer agents
12:30 -12:45	Sara Costa ✓	Understanding the role of gene expression regulation in controlling cell division in <i>Staphylococcus aureus</i>
Lunch (1:15 min)		

14:00-14:15	Filipe Rollo ✓	Functional, structural and biophysical view of repair of oxidation damaged DNA in bacteria and man
14:15-14:30	Dalila Guedes Ferreira Henriques Fernandes ✓	Emerging roles of (per)Sulfidome in kidney disease
14:30-14:45	Andreia Fernandes ✓	Deciphering molecular mechanisms of end processing Base Excision Repair (BER)
14:45-15:00	Liliana Silva ✓	Bacterial di-iron proteins with cell repair functions
15:00-15:15	Anaísa Nascimento Coelho ✓	Role of domain interactions in the allosteric regulation of the human soluble Guanylate Cyclase (sGC)
15:15-15:30	Ricardo Carlos Morgado Soares ✓	Unravelling the molecular mechanisms of extracellular electron transfer performed by the marine bacterium <i>Desulfuromonas acetoxidans</i>
Coffee Break (30 minutes)		
16:00-16:15	Fernanda Murtinheira ✓	Towards a smaller but functional saccin protein for ARSACS gene therapy
16:15 – 16:30	Rita João Ramos ✓	Metabolomics on Parkinson's disease: insights behind phenolic compounds protection
16:30 – 16:45	Rafael José Monteiro Carecho ✓	Effects of gut-phenolic metabolites on microglia cells function: implications on Parkinson's disease
16:45 – 17:00	Cristiana Catarina Dias Santos ✓	The role of the Fbox protein CG6758 in Endoplasmic Reticulum stress induced cell death
17:00 - 17:15	Miguel Rendas ✓	Control of innate lymphoid cells by circadian cues
17:15 - 17:30	Maria Bettencourt ✓	The role of Cell Fitness in Tumour Progression and Metastasis Formation
Booked for Next year	Raquel Costa ✓	Deciphering the human-microbiome glyco-code: an integrative approach to uncover protein-glycan interactions in the gut environment