

# Pitches by PhD students

PhD Programs in Biotechnology and Biosciences,  
Biomedical Engineering and Bioengineering

17 June 2019 | 13h45

Instituto Superior Técnico  
Department of Bioengineering  
Abreu Faro Amphitheatre · Interdisciplinary Complex



## Pedro Pais

PhD Biotechnology and  
Biosciences

**Unveiling the complex regulatory network governing antifungal drug resistance in *Candida glabrata*: from new regulators to new effector**

Supervisor: Miguel Teixeira (IST)

## André Nascimento

PhD Biotechnology and  
Biosciences

**The road for an efficient Fab purification platform**

Supervisors: Ana Azevedo (IST), Steven Cramer (RPI),  
Pankaj Karande (RPI)

## Ana Matos

PhD Biomedical Engineering

**Combinatorial multivalent nanoplatform for colorectal cancer treatment**

Supervisors: Helena Florindo (FFUL), João Pedro Conde (IST)

## Andreia Gaspar

PhD Biomedical Engineering

**Accelerated 4D flow MRI with multicontrast HD-PROST reconstruction**

Supervisors: Rita Nunes (IST), Claudia Prieto (KCL),  
António Ferreira (H Luz)

## Ana Rita Gomes

PhD Bioengineering

**Engineering of human forebrain organoids from human induced pluripotent stem cells for modelling of Rett syndrome**

Supervisors: Margarida Diogo (IST), Tiago Fernandes (IST)

## Miguel Fuzeta

PhD Bioengineering

**Manufacturing human mesenchymal stem/stromal cell (MSC)-derived extracellular vesicles in vertical-wheel bioreactors**

Supervisors: Claudia Lobato da Silva (IST), Nuno Bernardes (IST),  
Diana Gaspar (iMM)