

Workshop on  
BioMedical Engineering

# WBME 14<sup>th</sup>

**Lectures Day**  
October 8, 2022

**Workshops**  
October 10-14, 2022

 Faculdade de Ciências da  
Universidade de Lisboa

*O que hoje não sabemos, amanhã saberemos.*

## Lectures:

### Robotic Surgery

Ana Tavares Sobreiro

Engineering the Extraordinary:  
A new era in robotic-assisted  
surgery



### Veterinary Medicine

Prof. Ricardo Faustino

Translating Human to  
Veterinary Medicine

### Radio Therapy

Prof. João Seco

Treatment of lung cancer with  
proton beam-based  
radiotherapy



### Nanotechnology and Tissue Engineering

Prof. Alexander Seifalian

Tissue engineering and human  
organs for transplantation

## Workshops:



Workshop + Visit

Prof. Nuno Araújo - CFTC

Computer Simulation in  
Biomedicine and Biophysics



Prof. Cláudia Quaresma

3D Printing for Rehab



Prof. Vânia Silvério

Building Microfluidic Devices for  
Organ-on-chip Applications



Webinar

Prof. Guillaume Durandau

MyoSuite: Myochallenge



PLUX

Dra. Madalena Proença  
Katrin Mrotzeck

Exploring biosignals using  
BITalino



**Roundtable/Debate**  
Entrepreneurship and Health

Moderator Ana Prata



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