



**PHD PROGRAM IN PHARMACY**  
**FACULDADE DE FARMÁCIA, UNIVERSIDADE DE LISBOA**

**PhD and Postgraduate Advanced Course**

**ADVANCED DRUG DELIVERY**  
**27<sup>th</sup>-30<sup>th</sup> October 2025**

**FINAL PROGRAMME**

Monday – 27/10/2025

**Drug Delivery – Fundamentals**

09:00h - *3D cancer models (online)*

**Ronit, Satchi-Fainaro**, University of Tel Aviv, Israel

09:50h – Discussion

10:00h - *Revolutionizing Drug Discovery and Delivery of the Power of Computational Approaches*

**Rita Guedes**, Research Institute for Medicines (iMed.Ulisboa), Faculty of Pharmacy, Universidade de Lisboa

10:50h – Discussion

**11:00h – Coffee break**

11:30h – *Advanced Drug Delivery: a practical PK approach (online)*

**Paulo Paixão**, Research Institute for Medicines (iMed.Ulisboa), Faculty of Pharmacy, Universidade de Lisboa, Portugal

12:20h – Discussion

**12:30h - Lunch Break**

**Overcoming Biological Barriers**

14:30h - *3D Printing for drug delivery*

**Joana Marto**, Research Institute for Medicines (iMed.Ulisboa), Faculty of Pharmacy, Universidade de Lisboa

15:20h – Discussion

15:30h - *Nose-to-brain delivery*

**Adriana Oliveria Santos**, University of Beira Interior, Portugal

16:20h – Discussion

## **Thursday - 28/10/2025**

### **Innovative Technologies in drug manufacturing and delivery**

09:30h - *Microfluidics*

**João Pedro Conde**, INESC-IST, Instituto Superior Técnico, Universidade de Lisboa

10:20h – Discussion

#### **10:30h – Coffee break**

11:00h - *Organs in a Chip (online)*

**Madalena Cipriano**, Biomedical Engineering and 3R Center for In Vitro Models and Alternatives to Animal Testing, Faculty of Medicine of the Eberhard Karls University Tübingen

11:50h – Discussion

#### **12:00h - Lunch Break**

14:00h – *PAT tools toward translational advanced drug delivery*

**João Almeida Lopes**, Research Institute for Medicines (iMed.Ulisboa), Faculty of Pharmacy, Universidade de Lisboa

14:50h – Discussion

15:00h – *Advanced Therapies*

**Fátima Ventura**, INFARMED – National Authority for Medicament and Health Products, Portugal

15:50h – Discussion

## **Wednesday - 29/10/2025**

### **Delivery Strategies**

09:30h - *Overcoming the skin barrier*

**Sandra Simões**, Research Institute for Medicines (iMed.Ulisboa), Faculty of Pharmacy, Universidade de Lisboa

10:20h – Discussion

#### **10:30h – Coffee break**

11:00h - *Breaking Boundaries: Revolutionizing the Treatment of Superficial and Localized Cancers by a Minimally Invasive Strategy*

**Catarina Reis**, Research Institute for Medicines (iMed.Ulisboa), Faculty of Pharmacy, Universidade de Lisboa

11:50h – Discussion

**12:00h – Lunch break**

14:00h - *Mesenchymal stromal cells for immunomodulation and regeneration: From cell encapsulation to cell-free therapies (online)*

**Edorta Santos Vizcaíno**, University of the Basque Country (UPV/EHU)

14:50h – Discussion

15:00h – *Regulation of cancer immunity using advanced nanodelivery systems*

**Rita Acurcio**, Research Institute for Medicines (iMed.Ulisboa), Faculty of Pharmacy, Universidade de Lisboa

15:50 h – Discussion

**16:00h – Coffee break**

16h30h – *Advances in drug targeting by antibodies and cell engineering*

**João Gonçalves**, Research Institute for Medicines (iMed.Ulisboa), Faculty of Pharmacy, Universidade de Lisboa

17h20h – Discussion

**Thursday - 30/10/2025**

**Therapeutic Proteins**

09:30h - Stabilization of therapeutic proteins for advanced drug delivery

**Ana Paula Leandro**, Research Institute for Medicines (iMed.Ulisboa), Faculty of Pharmacy, Universidade de Lisboa

10:20h – Discussion

**10:30h – Coffee break**

11:00h - *Challenges in the development of drug delivery systems for proteins*

**Luísa Corvo**, Research Institute for Medicines (iMed.Ulisboa), Faculty of Pharmacy, Universidade de Lisboa

11:50h – Discussion

**12:00h - Lunch Break**

14:00h - *Lipid nanoparticles for drug targeting to the brain*

**Carla Vitorino**, Faculty of Pharmacy, University of Coimbra, Portugal

14:50h – Discussion

15:00h - *Nanotoxicology*

**Ana Francisca Bettencourt**, Research Institute for Medicines (iMed.Ulisboa), Faculty of Pharmacy, Universidade de Lisboa

15:50h – Discussion

**16:00h – Coffee break**

16:30h - *Proteins below the freezing temperature, unveiling thermostability and accelerating formulation by cold*

**Miguel Ângelo Rodrigues**, Centro de Química Estrutural, Instituto Superior Técnico, Universidade de Lisboa

17:20h – Discussion

**17:30h – End of Course**