

Program:

09.00 – 09.30 Welcome with coffee & tea

Session 1: Gene Theory

09.30 – 9.45 **Introduction to Talent-CGT**

Sara Ricardo, IUCS-CESPU (PT)

9.45 – 10.10 **General Aspects of Gene Therapy: From Lab to Patient**

Filipa Sobral, IUCS-CESPU (PT)

10.10 – 10.50 **Viral Vectors for Gene Delivery**

Andrea Lipinska, University of Gdansk (PL)

10:50 – 11.30 **CRISPR-Cas Gene Editing**

Martie Verschuren, Avans University of Applied Sciences (NL)

11.30 – 11.45 **Break**

11.45 – 13.00 **Break-Out Session: Gene Therapy**

Viral Vectors for Gene Delivery

Andrea Lipinska, University of Gdansk

CRISPR-Cas in the Classroom and Model Experiments for Students

Martie Verschuren, Avans University of Applied Sciences

13.00 – 14.00 **Lunch**

Session 2: Cell Therapy

14.00 – 14.40 **$\gamma\delta$ T cells in immunotherapy: from DOT cells to CAR-engineered platforms**

Sofia Mensurado, Gulbenkian Institute for Molecular Medicine (PT)

14.40 – 15.20 **From Concept to Practice: Evolution of Immunotherapy and Patient Selection**

Sara Ricardo, IUCS-CESPU (PT)

15.20 – 16.00 **Connecting Practical and Digital Learning**

Bastian Schule, Fearless League (NL)

16.00 – 16.15 **Break**

16.15 – 17.15 **Break-Out Sessions**

CAR design workshop

Sofia Mensurado, Gulbenkian Institute for Molecular Medicine

From Slide to Score: Immunotherapy Biomarkers

Sara Ricardo, IUCS CESPU

Connecting Practical and Digital Learning

Bastian Schule, Fearless League

17.15 – 17.45 **Concluding remarks**

17.45 – 19.00 **Drinks and networking**