

FUNDAMENTALS IN ONCOBIOLOGY

12-30 October 2026

PROGRAMME - Week 1

Monday, 12 October

- 09:30– 10:00 Course Presentation
Bruno Costa / Fátima Baltazar / Rui Reis (ICVS, UM)
- 10:00 - 11:15 Genetic Alterations – part I
Marta Daniela Costa (ICVS, UM)
- 11:45 - 13:00 Genetic Alterations – part II
Marta Daniela Costa (ICVS, UM)
- 14:30 - 16:00 (Dys)Regulation of Gene Expression in Cancer
Fernando Rodrigues (ICVS, UM)
- 16:30 - 18:00 Carcinogenesis
Rui Reis (ICVS, UM)

Tuesday, 13 October

- 09:30 - 11:00 Hallmarks of Cancer – part I
Bruno Costa (ICVS, UM)
- 11:30 - 13:00 Hallmarks of Cancer – part II
Bruno Costa (ICVS, UM)
- 14:30 - 16:00 Epigenetic Mechanisms in Oncology
Carmen Jerónimo (IPO, UPorto) / **Bruno Costa** (ICVS, UM)
- 16:30 - 18:00 Signal Transduction in Cancer
Bruno Costa (ICVS, UM)

Wednesday, 14 October

- 09:30 – 11:00 Cancer Epidemiology and Early- vs Over-Diagnosis
Luis Figueiredo (ICVS, UM)
- 11:30 – 12:30 Cancer Screening
Adhemar Longatto (ICVS, UM) / **Denise Guimarães** (Hospital de Santa Luzia)
- 14:00 - 18:00 Experimental Approaches in Oncobiology: Lab I
Cell viability (MTT assay) and migration capacity (wound healing assay)
Céline Gonçalves (ICVS, UM)

Thursday, 15 October

- 09:30 - 11:00 Cancer Cell Metabolism
Sara Granja (ICVS, UM)
- 11:30 - 13:00 Cell Invasion and Metastasis
Julieta Afonso (ICVS, UM)

Friday, 16 October

- 09:30 - 11:00 Parallels Between Developmental Biology and Oncobiology
Raquel Andrade (FMCB, UAlgarve) / **Fátima Baltazar** (ICVS, UM)
- 11:30 – 13:00 Microbiota and Cancer
Mariana Bizarro dos Reis (H. Câncer de Barretos, Brazil) / **Rui Reis** (ICVS, UM)

FUNDAMENTALS IN ONCOBIOLOGY

12-30 October 2026

PROGRAMME - Week 2

Monday, 19 October

- 09:30 - 11:00 Cancer Immunity Cycle and Immunotherapies
Ricardo Silvestre (ICVS, UM)
- 11:30 - 12:30 Immune Cells and Tumor Microenvironment
Sara Granja (ICVS, UM)
- 14:00 - 18:00 Experimental Approaches in Oncobiology: Lab II
Immunohistochemistry assays
Fátima Baltazar / Julieta Afonso (ICVS, UM)

Tuesday, 20 October

- 09:30 - 11:00 Cancer Research at ICVS (*speed seminars*)
Céline Gonçalves / Julieta Afonso / Patrícia Fontão (ICVS, UM)
- 11:30 - 12:30 *In Vivo* Murine Models for Cancer Research
Bruno Costa (ICVS, UM)
- 14:30 - 16:00 Therapeutic Approaches in Cancer
Bruno Costa (ICVS, UM)

Wednesday, 21 October

- 14:00 – 17:30 Experimental Approaches in Oncobiology: Lab III
Genomic and Clinical Databases for Cancer Research
Céline Gonçalves (ICVS, UM)
- 17:30 - 18:00 Formative Feedback (posters preparation and learning progress)
Bruno Costa / Fátima Baltazar (ICVS, UM)

FUNDAMENTALS IN ONCOBIOLOGY

12-30 October 2026

PROGRAMME - Week 3

Monday, 26 October

- 09:30 - 11:00 Scientific Forum (*Posters presentation and discussion*)
Bruno Costa / Fátima Baltazar / Rui Reis (ICVS, UM)
- 11:30 - 13:00 Scientific Forum (*Posters presentation and discussion*)
Bruno Costa / Julieta Afonso / Rui Reis (ICVS, UM)
- 14:30 - 15:00 Formative Feedback (*Poster Session*) and Concluding Remarks
Bruno Costa / Fátima Baltazar / Julieta Afonso / Rui Reis (ICVS, UM)

Friday, 30 October

- 10:00 - 12:00 Final Exam