



Immunotherapy

3 – 5 March 2024, Lisbon, Portugal

The importance of the interactions of the host immune system in the tumour microenvironment with cancer cells and the ability of a new generation of therapeutics to manipulate these interactions and enhance anti-tumour immune response has led to the breakthrough immunotherapy with immune checkpoint inhibitors in recent years. However only the minority of cancers have clinically meaningful responses and even amongst cancers that initially respond to immunotherapy, most eventually develop resistance and progress. Immune therapies should therefore be considered in multimodal tumor therapy concepts, including radiotherapy (RT). The latter plays an important role in cancer treatment and the importance of the immuno-modulatory effects of RT is increasingly recognized along with the opportunity to potentially overcome tumour resistance to immunotherapy and enhance anti-tumour responses through a variety of mechanisms. In this course, we aim to describe the immune landscape of cancer and the evidence for the evolving role and synergistic mechanisms of combining immuno-therapy with radiotherapy, including the optimal dose, fractionation, volume, and timing of radiation for effective immune stimulation.

Target group

The course is aimed at radiation oncologists, medical physicist, scientists and medical oncologists.

Course aim

- Provide a general introduction to tumour immunology
- Provide an outline of the interplay between radiotherapy and immune system
- Understand emerging mechanisms of response and resistance to RT and immune checkpoint inhibitors

- Outline novel therapeutic approaches to overcoming therapeutic resistance – moving beyond immune checkpoint inhibitors
- To discuss progress and uncertainties of the immunoregulatory effects of radiotherapy planning including volume, dose, and fractionation and timing

Learning outcomes

- An introduction to tumour immunology
- An introduction to the complexities of the immunomodulatory properties of radiotherapy
- To gain an understanding of the current clinical landscape of progress and challenges with radiotherapy and Immuno-Oncology agents' combinations
- To understand therapeutic opportunities in combining RT and immune oncology

Teaching methods – Interactive lectures with ample time for discussions

Prerequisites

Before commencing this course, participants should:

- Have a basic understanding of radiobiology and radiation physics
- Know the basics of radiotherapy and radiotherapy planning
- Have a general understanding about the evaluation of medical evidence

Methods of Assessment

- MCQ
- Evaluation form

ROADMAP

- ◆ RADIO THERAPY TREATMENT PLANNING AND DELIVERY
- RADIATION ONCOLOGIST, MEDICAL PHYSICIST, RADIATION THERAPIST

COURSE DIRECTORS

- Eric Deutsch, Institut de cancérologie Gustave Roussy, (FR)
- Udo Gaipl, Translational Radiobiology of the Department of Radiation Oncology at the Universitätsklinikum Erlangen, (DE)

TEACHERS

- Fernanda Herrera, CHUV, (CH)
- Jamie Honeychurch, The University of Manchester, (UK)
- Claire Vanpouille-Box, WCM, (USA)
- Michele Mondini, GRCC, Villejuif, (FR)
- Rianne Vaes, Maastricht University Medical Center, (NL)
- Gosse Adema, Radboud Institute, (NL)

PROJECT MANAGER

Karolina Kowalska, ESTRO Office (BE)
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WORKING SCHEDULE

Sunday 3 March:

08:30 – 16:45

Monday 4 March:

08:30 – 16:30

Tuesday 5 March

08:30 – 12:30

LANGUAGE

The course is conducted in English. No simultaneous translation will be provided.

COURSE ORGANISATION

For any further information, contact ESTRO:
Karolina Kowalska
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TECHNICAL EXHIBITION

Companies interested in exhibition opportunities during this teaching course should contact Karolina Kowalska, Project Manager
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PARTICIPANTS SHOULD REGISTER ONLINE [HERE](#)

These pages offer the guarantee of secured online payments.

The system will seamlessly redirect you to the secured website of OGONE (see www.ogone.be for more details) to settle your registration fee.

If online registration is not possible, please contact us:
ESTRO OFFICE: education@estro.org

Registration fees

Please check the registration deadline date on our website

Fees

	Early rate	Late rate
Non-Members	750 EUR	850 EUR
ESTRO Members	575 EUR	725 EUR
In-training members*	425 EUR	575 EUR

* *Members with specialty RadiationTherapist (RTT) may register at the In-Training fee*

Reduced fees

Members from emerging countries may register at a preferential rate of 350 Euro. Emerging country fee applies to individuals from low-income and lower-middle-income economies according to the World Bank listing here.

Additionally, all specialties from the following countries can benefit from this preferential rate: Albania, Belarus, Bosnia and Herzegovina, Bulgaria, Hungary, Macedonia, Moldova, Montenegro, Romania, Russian Federation, Serbia, Turkey, Ukraine. In addition, medical physicists from Cyprus can email education@estro.org to apply for this fee.

ESTRO

ESTRO GOES GREEN Please note that the course material will be available online. No printed course book will be provided during the courses.

Advance registration and payment are required. On-site registration will not be available.

Since the number of participants is limited, late registrants are advised to contact the ESTRO office before payment, to inquire about availability of places. Access to Moodle and course material will become available upon receipt of full payment.

Insurance and cancellation

The organiser does not accept liability for individual medical, travel or personal insurance. Participants are strongly advised to take out their own personal insurance policies.

In case an unforeseen event would force ESTRO to cancel the meeting, the Society will reimburse the participants fully the registration fees. ESTRO will not be responsible for the refund of travel and accommodation costs.

In case of cancellation, full refund of the registration fee minus 15% for administrative costs may be obtained up to three months before the course and 50% of the fee up to one month before the course. No refund will be made if the cancellation request is postmarked less than one month before the start of the course.

**Don't miss the early registration deadline:
6 December 2023**

