



ESMO-EANM Advanced Course on Diagnostic and Therapeutic Applications of Nuclear Medicine in Oncology

PROGRAMME

**ESMO ADVANCED
COURSE**

**ESSEN GERMANY
19-20 MAY 2023**

Co-Chairs

Ken Herrmann, Germany
Aurelius Omlin, Switzerland

ESMO-EANM ADVANCED COURSE PROGRAMME

DIAGNOSTIC AND THERAPEUTIC APPLICATIONS OF NUCLEAR MEDICINE IN ONCOLOGY

Essen, Germany
19-20 May 2023

CO-CHAIRS Ken Herrmann, Germany
Aurelius G. Omlin, Switzerland

SPEAKERS Wolfgang Fendler, Germany
Diego Ferone, Italy
Luca Giovannella, Switzerland
Karolien Goffin, Belgium
Laura Graven, Netherlands
Viktor Grünwald, Germany

Jolanta A. Krajewska, Poland
Michael Lassmann, Germany
Katharina Lückert, Germany
Michael Nader, Germany
Niels Rupp, Switzerland

LEARNING OBJECTIVES

- To get an updated analysis of the diagnostic and therapeutic applications of nuclear medicine in oncology
- To provide a knowledge of principles of both nuclear medicine modalities and systemic oncologic therapies in advanced trainees and specialists in oncology and nuclear medicine
- To provide an educational framework for in-depth analysis of the combined diagnostic/therapeutic strategies (theranostics) in oncology and scientific interaction between oncology and nuclear medicine experts
- To foster interdisciplinary exchange and collaboration in both nuclear medicine imaging and nuclear medicine treatment applications

ACCREDITATION

The programme of this event has been accredited with **9 ESMO-MORA category 1 points**.

Recertification is necessary for medical oncologists to remain professionally certified by ESMO. Recertification guarantees that a certified medical oncologist has continued to update his/her knowledge and continues to possess the necessary skills and standards for the practice of medical oncology. For further details please refer to esmo.org.

ACKNOWLEDGEMENTS

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ORGANISATION AND CONTACTS

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Friday, 19 May 2023

09:00-09:10	Welcome and introduction
10'	Welcome and Learning Objectives Introduction Ken Herrmann, DE and Aurelius G. Omlin, CH
09:10-10:35	Session 1 - Introduction to Theranostics and Systemic Therapies Chairs: Jolanta A. Krajewska, PL and Michael Lassmann, DE
20'	Physics background including diagnostic and therapeutic radionuclides including videos Michael Lassmann, DE
25'	Landscape of systemic therapies for thyroid malignancies Jolanta A. Krajewska, PL
20'	History of theranostics including radioiodine-therapy Luca Giovanella, CH
20'	Discussion
10:35-11:05	Coffee break
11:05-12:15	Session 2 - How to run a theranostic unit and beyond Chairs: Laura Graven, NL and Katharina Lückérath, DE
15'	Regulatory challenges of developing radiopharmaceuticals Michael Nader, DE
15'	Setting up a theranostic unit (regulatory, radiation safety and reimbursement challenges) Laura Graven, NL
20'	Outlook towards new theranostic concepts (combination treatments, alpha-emitters, antibodies) Katharina Lückérath, DE
20'	Discussion
12:15-13:15	Lunch
13:15-14:25	Session 3 - NETs as role model for theranostics Chairs: Wolfgang Fendler, DE and Diego Ferone, IT
25'	Landscape of systemic therapies for NETs Diego Ferone, IT
25'	Update PRRT and beyond NETs Wolfgang Fendler, DE
20'	Discussion
14:25-14:55	Coffee break

14:55-16:40	Session 4 - Expanding theranostics to prostate cancer Chairs: Viktor Grünwald, DE and Aurelius G. Omlin, CH
20'	Biology in advanced prostate cancer with a special focus on PSMA across the disease spectrum (primary tumour, upregulation with AR targeted therapies, heterogeneity etc) Niels Rupp, CH
25'	Treatment landscape in advanced prostate cancer Aurelius G. Omlin, CH
25'	How to make best use of PSMA RLT in advanced prostate cancer – Status May 2023 Karolien Goffin, BE
15'	Future of PSMA RLT outside of prostate cancer Viktor Grünwald, DE
20'	Discussion
19:00	<i>Networking Dinner</i>

Saturday, 20 May 2023

9:00-12:30	Workshop sessions Three workshop sessions where clinical cases are presented by speakers with interactive questions and discussion with the audience 60' Workshop time
Workshop 1	Thyroid malignancies Luca Giovanella, CH and Jolanta Krajewska, PL
Workshop 2	NET theranostics Wolfgang Fendler, DE and Diego Ferone, IT
11:00-11:30	<i>Coffee break</i>
Workshop 3	Prostate cancer RLT: Selection and monitoring of patients on treatment Aurelius G. Omlin, CH and Ken Herrmann, DE
12:30-13:00	Conclusion & Farewell Ken Herrmann, DE and Aurelius G. Omlin, CH
13:00-14:00	Lunch