

ADVANCED COURSE PROGRAMME

Diagnostic and Therapeutic Applications of Nuclear Medicine in Oncology

**ESMO-EANM
ADVANCED COURSE**

**ESSEN GERMANY
8-9 JULY 2022**

Chairs:

Paola A. Erba, Italy

Stefano Fanti, Italy

Florian Lordick, Germany

ESMO-EANM ADVANCED COURSE PROGRAMME

DIAGNOSTIC AND THERAPEUTIC APPLICATIONS OF NUCLEAR MEDICINE IN ONCOLOGY

8-9 July 2022
Essen, Germany

CO-CHAIRS: Paola A. Erba, Italy
Stefano Fanti, Italy
Florian Lordick, Germany

SPEAKERS: Valentina Ambrosini, Italy
Tessa Brabander, Netherlands
Eva Comp erat, France
D sir e Deandreis, Italy
Viktor Gr nwald, Germany
Boris A. Hadaschik, Germany
Ken Herrmann, Germany
Grigorios A. Kaltsas, Greece

Jolanta A. Krajewska, Poland
Bernd J. Krause, Germany
Michael Lassmann, Germany
Katharina L ckerath, Germany
Michael Nader, Germany
Aurelius G. Omlin, Switzerland
Marianne E. Pavel, Germany

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 end-term 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

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

This event is supported by an unrestricted educational grant from



ORGANISATION AND CONTACTS

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Friday, 8 July 2022

- 10:00-10:10** **Welcome and introduction**
- 10' Welcome and Learning Objectives Introduction
Paola A. Erba, IT and Ken Herrmann, DE
- 10:10-12:15** **Session 1 - Introduction to Theranostics and Systemic Therapies**
Chairs: Jolanta A. Krajewska, PL and Michael Lassmann, DE
- 25' Physics background including diagnostic and therapeutic radionuclides including videos
Michael Lassmann, DE
- 25' History of theranostics including radioiodine-therapy
Désirée Deandreis, IT
- 10' Discussion
- 11:10-11:40** **Coffee break**
- 25' Landscape of systemic therapies for thyroid malignancies
Jolanta A. Krajewska, PL
- 10' Discussion
- 12:15-13:25** **Session 2 - NETs as role model for theranostics**
Chairs: Grigorios A. Kaltsas, GR and Valentina Ambrosini, IT
- 25' Landscape of systemic therapies for NETs
Grigorios A. Kaltsas, GR
- 25' Update PRRT and Beyond NETs
Valentina Ambrosini, IT
- 20' Discussion
- 13:25-14:25** **Lunch**
- 14:25-15:55** **Session 3 - How to run a theranostic unit and beyond**
Chairs: Marianne E. Pavel, DE and Ken Herrmann, DE
- 30' Setting up a theranostic unit (regulatory, radiation safety and reimbursement challenges) including videos
Ken Herrmann, DE and Tessa Brabander, NL
- 15' Discussion
- 30' Outlook towards new theranostic concepts (combination, alpha, antibody)
Katharina Lückerrath, DE
- 15' Discussion
- 15:55-16:25** **Coffee break**

16:25-18:30	Session 4 - Expanding theranostics to prostate cancer Chairs: Aurelius G. Omlin, CH and Bernd J. Krause, DE
25'	Biology and treatment landscape in advanced prostate cancer and unmet medical needs Eva Compérat, FR
25'	Update PSMA RLT Bernd J. Krause, DE
20'	Possible synergies between radioligand and systemic treatment in M1 prostate cancer? Future perspectives Ken Herrmann, DE
15'	Moving PSMA RLT to earlier lines Boris A. Hadaschik, DE
15'	Expanding PSMA RLT beyond prostate Viktor Grünwald, DE
25'	Discussion
19:30	Networking Dinner

Saturday, 9 July 2022

9:00-12:30	Workshop sessions Four workshop sessions 45' Workshop time
Workshop 1	Running a Theranostic Center Michael Nader, DE 10' Introduction to Radiopharmacy 35' Regulatory challenges of a Radiopharmacy
Workshop 2	NET theranostics Valentina Ambrosini, IT and Ken Herrmann, DE 20' Clinical cases presented by speakers (2x) 25' Discussion
10:30-11:00	Coffee break
Workshop 3	MDT: The role of the MDT in optimal patient management Marianne E. Pavel, DE 20' Clinical case presented by speakers (2x) 25' Discussion
Workshop 4	Prostate cancer theranostics Aurelius G. Omlin, CH 20' Clinical case presented by speaker (1x) 25' Discussion
12:30-13:00	Conclusion & Farewell Paola A. Erba, IT and Ken Herrmann, DE
13:00-14:00	Lunch