ESMO-EANM
ADVANCED COURSE

ESSEN GERMANY
8-9 JULY 2022

Chairs:
Paola A. Erba, Italy
Stefano Fanti, Italy
Florian Lordick, Germany

Diagnostic and Therapeutic Applications of Nuclear Medicine in Oncology
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 Fant, Italy
Florian Lordick, Germany

SPEAKERS: Valentina Ambrosini, Italy
Tessa Brabander, Netherlands
Eva Compérat, France
Désirée Deandresi, Italy
Viktor Grünwald, Germany
Boris A. Hadaszik, Germany
Ken Herrmann, Germany
Grigorios A. Kaltsas, Greece
Jolanta A. Krajewska, Poland
Bernd J. Krause, Germany
Michael Lassmann, Germany
Katharina Lückerath, 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

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ORGANISATION AND CONTACTS

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Switzerland
Email: courses@esmo.org
www.esmo.org
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 radiiodine-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: Grigoris A. Kaltas, GR and Valentina Ambrosini, IT

25’ Landscape of systemic therapies for NETs
Grigoris A. Kaltas, 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 Lückerath, 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**

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**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**