ESMO-EANM ADVANCED COURSE PROGRAMME
DIAGNOSTIC AND THERAPEUTIC APPLICATIONS OF NUCLEAR MEDICINE IN ONCOLOGY
Essen, Germany
22-23 May 2024

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

SPEAKERS: Eva Compérat, Austria
          Désirée Deandreis, France
          Wolfgang Fendler, Germany
          Laura Graven, Netherlands
          Viktor Grünwald, Germany
          Jolanta A. Krajewska, Poland
          Michael Nader, Germany
          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 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

Wednesday, 22 May 2024

09:00-09:10 Welcome and introduction
10’ Welcome and Learning Objectives Introduction
    Ken Herrmann, DE and Aurelius G. Omlin, CH

09:10-10:50 Session 1 - Introduction to Theranostics and Systemic Therapies
            Chairs: Désirée Deandreis, FR and Jolanta A. Krajewska, PL

20’ Definitions and therapeutic concepts of therapeutic radionuclides
    Ken Herrmann, DE

20’ Regulatory challenges in the development of theranostics
    Michael Nader, DE

20’ Radiiodine therapy in thyroid cancer
    Désirée Deandreis, FR
20’ Landscape of systemic therapies for thyroid malignancies
Jolanta A. Krajewska, PL

20’ Discussion

10:50-11:20 Coffee break

11:20-12:20 Workshop session
Workshop session where clinical cases are presented by speakers with interactive questions and discussion with the audience

Workshop 1
Thyroid malignancies
Jolanta A. Krajewska, PL and Désirée Deandreis, FR

12:20-13:20 Lunch

13:20-14:40 Session 2 - NETs as role model for theranostics
Chairs: Ken Herrmann, DE and Marianne E. Pavel, DE

20’ Overview NET(Epidemiology, disease specific characteristics and challenges)
Laura Graven, NL

20’ PRRT in NET – What is the standard?
Wolfgang Fendler, DE

20’ Systemic therapies for NETs (other than PRRT)
Marianne E. Pavel, DE

20’ Discussion

14:40-15:10 Coffee break

15:10-16:50 Session 3 - Expanding theranostics to prostate cancer
Chairs: Laura Graven, NL 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)
Eva Comperat, AT

20’ Treatment landscape in advanced prostate cancer
Aurelius G. Omlin, CH

20’ How to make best use of PSMA RLT in advanced prostate cancer – Status May 2024
Ken Herrmann, DE

20’ Future of PSMA RLT outside of prostate cancer
Viktor Grünwald, DE

20’ Discussion and Conclusion of Day 1

19:30 Networking Dinner
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<tr>
<td>9:00-12:30</td>
<td>Workshop sessions</td>
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<td>Workshop sessions where clinical cases are presented by speakers with interactive questions and discussion with the audience</td>
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<td>How to build and run a theranostic unit</td>
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<td>Laura Graven, NL and Ken Herrmann, DE</td>
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<td>11:00-11:30</td>
<td><strong>Coffee break</strong></td>
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<td>Prostate cancer RLT: Selection and monitoring of patients on treatment</td>
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<td>12:30-13:00</td>
<td><strong>Conclusion &amp; Farewell</strong></td>
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