

Vienna, Austria

Annual Congress of the
European Association of Nuclear Medicine
October 21 –25, 2017
Vienna, Austria

**CME 7 (Radionuclide Therapy/Thyroid)
Monday, October 23, 14:30-16:00**

Session Title

Safety Aspects in Radionuclide Therapy

Chairs

Imene Zerizer (London)

Martha Hoffmann (Vienna)

Programme

14:30 - 15:00 Jean-Pierre Pouget (Montpellier): Radiobiological Aspects in Radionuclide Therapy

15:00 - 15:30 Lisa Bodei (New York): Early and Late Side Effects of Radionuclide Therapy

15:30 - 16:00 Yong Du (London): Prevention of Side Effects in Radionuclide Therapy

Educational Objectives

1. Learn about the similarities as well as of the peculiarities of radionuclide therapy in comparison to chemotherapy and external beam radiation
2. Acknowledge the influence of specific radiobiological effects that will influence the effectiveness as well as the side effects of radionuclide therapy.
3. Learn about specific side effects that have to be expected in radionuclide therapy in an early stage as well as in a later stage.
4. Get familiar with specific measures that can be used in radionuclide therapy to prevent toxicity.

Summary

This CME session will focus on safety aspects in general during radionuclide therapy. Special focus will be brought to radiobiological aspects that influence effects and side effects in radionuclide therapy. Typical early and late side effects of radionuclide therapy will be pointed out as well as special measures that can be taken to prevent side effects.

Key Words

Radiobiology, radionuclide therapy, treatment-related adverse events, prevention