



Plenary Session 4

Tuesday, October 7, 11:30 – 13:00

Session Title

Quo vadis Nuclear Medicine 2040: Who Wins? Team Red or Team Green?

Session Title

Ken Herrmann (Essen, Germany)

Irene Buvat (Orsay, France)

Programme

Theranostics involving radionuclides will (not) represent a major pillar of cancer therapy

Team RED: **Giorgio Treglia** (Lugano, Switzerland)

Team GREEN: **Sophie Veldhuijzen van Zanten** (Rotterdam, Netherlands)

AI will complement nuclear medicine physicians / AI will replace nuclear medicine physicians

Team RED: **Jens Kleesiek** (Essen, Germany)

Team GREEN: **Irene Buvat** (Paris, France)

Nuclear Medicine as a specialty will remain independent / Nuclear Medicine as a specialty will be taken over by radiology and radiation oncology

Team RED: **Ambros Beer** (Ulm, Germany)

Team GREEN: **Laura Evangelista** (Milan, Italy)

Educational Objectives

- To understand opportunities and challenges in various important fields of nuclear medicine including theranostics as a pillar of cancer therapy.
- To learn differentiating between potential threats or opportunities of growth by the continuous expansion of Artificial Intelligence into nuclear medicine.
- To appreciate the upsides and downsides of nuclear medicine being or not being an independent speciality.

Summary

This exciting session dares a glimpse into the mid-term future of three important topics of our field: the role of theranostics as major pillar of cancer therapy, the impact of artificial intelligence on the relevance of nuclear medicine physicians and whether our speciality will remain independent. 6 outstanding experts will be divided into two teams: TEAM RED sketches the mid-term future from an angle of failure with theranostics not succeeding to be major pillar of cancer therapy, artificial intelligence making nuclear medicine physicians redundant and nuclear medicine not surviving as independent speciality. TEAM GREEN is committed to success and outlines the future with theranostics representing a major pillar of cancer therapy, artificial intelligence beautifully complementing nuclear medicine physicians and nuclear medicine flourishing into a successful independent speciality. Don't miss this exciting duel of TEAM RED versus TEAM GREEN. Quo vadis Nuclear Medicine 2040?

Key Words



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Predicting the future; Theranostics; AI in Nuclear Medicine; Nuclear Medicine as independent speciality