



### Special Track Session 5

Translational Molecular Imaging and Therapy Committee

**Monday, October 21, 08:00 - 09:30**

#### Session Title

**Challenge the Expert: Transatlantic Comparison: Who Does What and Why in PSMA-Image Guided Therapy**

#### Moderators

**Daniela Oprea-Lager** (Nijmegen, Netherlands)

**Richard Graham** (Bath, UK)

#### Expert

**Oliver Sartor** (Minnesota, USA): Is PSMA the Next Frontier in Prostate Cancer Theranostics?

#### Challengers: Team United Europe

**Nilofar Ahmadi Bidakhvidi** (Leuven, Belgium)

**Francesca Serani** (Pescara, Italy)

**Conrad-Amadeus Voltin** (Cologne, Germany)

**Matthijs C.F. Cysouw** (Amsterdam, Netherlands)

**Riccardo Laudicella** (Messina, Italy)

#### Educational Objectives

1. To understand how to select the patients for Radionuclide therapy
2. To learn how to apply Theragnostics in clinical practice
3. To become familiar with the basic requirements to set up a Theragnostic unit
4. To learn where to position <sup>177</sup>Lu-PSMA in the therapeutic arsenal for Prostate cancer

#### Summary

In this 'Challenge the Expert' session, professor dr. Oliver Sartor will provide an overview of the current indications and challenges when applying PSMA-Image Guided Therapy in clinical practice. A group of five European young professionals with background in nuclear medicine will present relevant clinical examples related to radionuclide therapy and will challenge the Expert with scientific and practical questions. A broad participation of the Audience is encouraged to get a real Transatlantic comparison regarding Theragnostics aspects.

#### Key Words

Theragnostics; Prostate cancer; Radionuclide Therapy; <sup>177</sup>Lu-PSMA; <sup>225</sup>Ac-PSMA