Teaching Session 3  
Saturday, October 24, 09:00-10:30

Session Title  
A Practical Guide to MR When Interpreting PET/MR

Chairperson  
Onofrio Antonio Catalano (Boston, United States of America)

Programme  
09:00 - 09:22  Caroline A. Field Galán (Madrid, Spain): Non-Prostate Oncologic Body PET/MR. MR Needs and Expectation. The Nuclear Medicine’s Perspective

09:22 - 09:44  Onofrio A. Catalano (Boston, United States of America): Non-Prostate Oncologic Body PET/MR. MR Needs and Expectation. The MR Expert’s Perspective

09:44 - 10:06  Hanna Bernstine (Tel Aviv, Israel): Prostate PET/MR. MR Needs and Expectation. The Nuclear Medicine’s Perspective

10:06 - 10:28  Liran Domachevsky (Tel Aviv, Israel): Prostate PET/MR. MR Needs and Expectation. The MR Expert’s Perspective

Educational Objectives  
1. Understand clinically relevant basic MR principles  
2. Understand how to structure the MR portion of a PET/MR protocol  
3. Understand strengths, weaknesses and interpretive principles for different MR sequences

Summary  
1- Non-Prostate Body Oncology  
First, a nuclear medicine physician will provide their perspective, including expectations and challenges in approaching the MR portion of PET/MR in body oncology (non prostate), as well as weaknesses of PET that might benefit from inclusion of MR. Then, a radiologist MR expert will discuss the complementary value of MR, MR protocol selection, and MR interpretation.  

2- Prostate Oncology  
First, a nuclear medicine physician will provide their perspective, including expectations and challenges in approaching the MR portion of PET/MR in prostate cancer, as well as weaknesses of PET that might benefit from inclusion of MR. Then, a radiologist MR expert will discuss the complementary value of MR, MR protocol selection, and MR interpretation.

Key Words  
PET/MR, MRI, Oncology, Prostate, Cancer Imaging