



### CME Session 1

Inflammation & Infection Committee

Sunday, September 10, 08:00-09:30

### Session Title

**Infection and Inflammation – New Guidelines**

### Chairpersons

Lucia Leccisotti (Rome, Italy)

Riddhika Chakravarthy (Shrewsbury, United Kingdom)

### Programme

08:00 - 08:25 **Gad Abikhzer** (Quebec, Canada): New Guidelines about Infection

08:25 - 08:50 **Olivier Gheysens** (Brussels, Belgium): New Guidelines about inflammation

08:50 - 09:10 **Domenico Albano** (Brescia, Italy): FUO Guidelines

09:10 - 09:30 **Riddhika Chakravarthy** (Shrewsbury, United Kingdom): Diabetic Foot Guidelines

### Educational Objectives

1. To present the new guidelines about infection and inflammation diseases to the nuclear medicine community
2. To discuss the impact of new diagnostic approaches in the study of patients affected by infection and/or inflammation diseases
3. To present exemplary cases of role of nuclear medicine examinations in the evaluation of the main infectious and inflammatory diseases

### Summary

During the last decade, the interest in nuclear medicine techniques for studying inflammation and infections has been growing. There is an increasing body of evidence to support the use of [18F]-FDG-PET/CT for several indications in this field. Nevertheless, [18F]-FDG may have some important limitations and pitfalls, thus WBC scintigraphy can have some specific indications to over-limit these conditions. For these reasons, it is fundamental to have specific guidelines describing the usefulness of nuclear medicine tools in the management of patients affected by infections and inflammation. This session will focus upon the last EANM guidelines published about the main infectious and inflammatory diseases.

### Key Words

Infection; inflammation; FUO; diabetic foot; [18F]-FDG-PET/CT; WBC scintigraphy