



## Special Symposium Session 2

Inflammation & Infection Committee

Monday, September 11, 08:00 – 09:30

### Session Title

**Usefulness of PET in the Evaluation of Inflammatory Rheumatisms**

### Chairpersons

**Olivier Gheysens** (Brussels, Belgium)

**Conny van der Laken** (Amsterdam, the Netherlands)

### Programme

- 08:00 - 08:25     **Kornelis van der Geest** (Groningen, The Netherlands): Clinical spectrum and Imaging of Inflammatory Rheumatisms: a Clinician's Perspective
- 08:25 - 08:50     **Florent Besson** (Orsay, France): [18F]FDG PET/CT in Inflammatory Rheumatic Disorders in Elderly (PMR vs EORA vs SpA)
- 08:50 - 09:10     **Priscilla Guglielmo** (Castelfranco Veneto, Italy): [18F]FDG PET/CT in Rheumatoid Arthritis and other Rheumatic Disorders
- 09:10 - 09:30     **Conny van der Laken** (Amsterdam, The Netherlands): Beyond [18F]FDG in Inflammatory Rheumatisms

### Educational Objectives

1. To summarize the clinical spectrum of inflammatory rheumatisms and diagnostic challenges.
2. To discuss the potential role of [18F]FDG PET/CT in diagnosing and response assessment of inflammatory rheumatisms.
3. To provide an overview of promising new PET tracers for evaluating inflammatory rheumatisms.

### Summary

Inflammatory rheumatisms encompass a wide variety of disorders affecting joints, bones, cartilage, tendons, ligaments and muscles. These disorders are frequent in the general population resulting in a huge physical and disability burden as well as major cost to the society. Even though disease evaluation often relies on clinical examination, morphological and functional imaging has emerged as a valuable tool in the work-up of patients with inflammatory rheumatisms. However, the lack of specificity of [18F]FDG is a limitation and many alternative PET tracers have been developed and evaluated mainly in the context of clinical trials. This joint symposium will illustrate the emerging data on the role of morphological and PET-CT imaging for diagnosing, assessing disease activity and treatment monitoring across the wide spectrum of inflammatory rheumatisms.

### Key Words

PET-CT, inflammatory rheumatisms, polymyalgia rheumatica, rheumatoid arthritis