Learn & Improve Professional Skills (LIPS) Track – Session 6
Neuroimaging Committee
Monday, September 11, 2023, 9:45 – 11:15

Session Title
Molecular imaging to solve the problem of long Covid

Chairpersons
Anna Sviridenko (Innsbruck, Austria)
Eric Guedj (Marseille, France)

Programme

09:45 – 10:15   **Domenico Albano** (Brescia, Italy): The lung impairment in long COVID

10:15 – 10:45   **Martina Sollini** (Milan, Italy): The vascular impairment in long COVID

10:45 – 11:15   **Eric Guedj** (Marseille, France): The brain impairment in long COVID

Educational Objectives
1. Specifying the role of brain FDG PET in the evaluation of patients with persistent symptoms after COVID infection
2. Learning interpretation criteria of brain FDG PET in patients with long COVID
3. Specifying the role of PET/SPECT imaging for the lung impairment in long COVID
4. Specifying the role of PET imaging for the diagnosis of vasculitis in long COVID

Summary
In the context of the worldwide outbreak of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), some patients report functional complaints after apparent recovery from COVID-19. This clinical presentation has been referred as "long COVID" with possible multisystemic damages. This session will focus on the place of PET/SPECT imaging to evaluate the brain, lung and vascular impairments in such context.

Key Words
Covid, SARS-CoV2, long COVID, PET, SPECT, brain, lung, perfusion, ventilation, vasculitis, hypometabolism