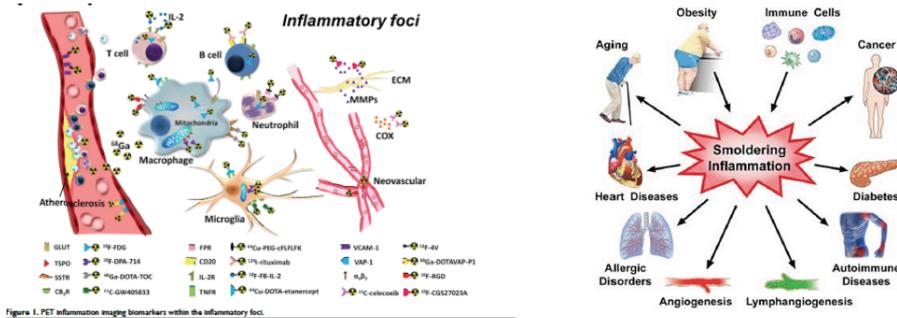


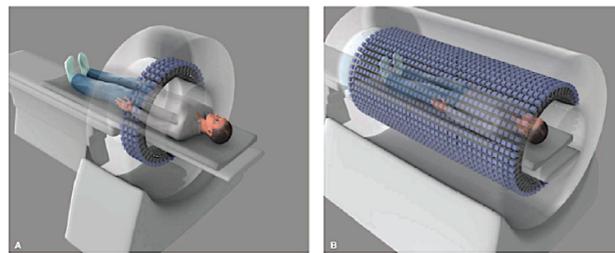
# CoViD-19: Inflammation and Molecular Imaging

## Advanced Molecular Imaging Systems and Their Potential Role in Diagnosis and Treatment of the Infection and Inflammation in the CoViD-19

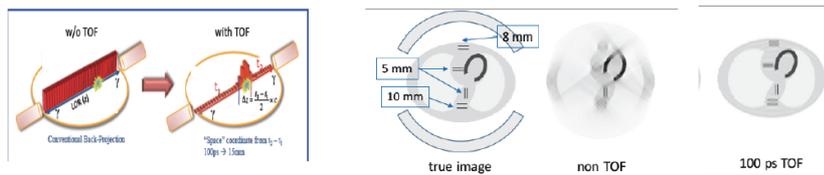
*May 20 – May 23 / 2021  
(15:00 -19:30 CET)*



*Left: Part of biology of inflammation  
Right: Inflammation's connection to major diseases.*



(A) A conventional PET scanner and (B) total-body PET (TB-PET) scanner.



Improving PET technology (Total Body and Time Of Flight (TOF))  
Much higher sensitivity for detecting inflammation

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Dear friends and colleagues,

The organizing committee would like to invite you to attend the workshop **CoViD-19: Inflammation and Molecular Imaging**, a high level forum on the impact of Molecular Imaging on detecting inflammation to help saving lives from CoViD-19 pandemic.

**It will take place, remotely, from May 20 to May 23 / 2021.**

***Please sign the date !***

The workshop will be general enough to be all inclusive, but focused on inflammation (in CoViD-19) and on relevant imaging modalities, primarily Molecular Imaging but also X-ray radiography, CT, MRI, Ultrasound, etc. The key clinical system in that task is PET/CT but also other hybrid techniques. *We want to understand the objective relative roles of different imaging modalities in the management of this devastating disease*, while manifesting our pro-nuclear medicine initial “bias” that we are willing to openly discuss and learn from the broad group of experts.

A partial list of **specific subjects** to explore:

- Early **diagnosis, staging and follow up** – roles of all modalities with emphasis on **molecular imaging**
- **Long-term side effects of inflammation**, typically discovered by the structural techniques already after the damage is done (example: lungs)
- New advanced **dynamic total body/multi-organ (systemic) imaging** PET technologies (that are already available in the research arena and are constantly being improved, could translate into increased sensitivity of early detection and differentiation between conditions)
- Issue of **cost and dissemination of the new molecular techniques** – how to develop economical robust solutions
- **Connection to the society** via the important media representatives as the director of an important newspaper in Italy
- Improvement of **dissemination** of the new modern Molecular Imaging approaches around the world

**The program of the Workshop is almost finalized** consisting primarily of **invited talks** by **key experts** from around the world.

***There are still a limited number of slots for talks and posters (short talks) available.***

***Do not miss this unique opportunity to “meet” all these Experts and have discussions with them!***

Therefore, if you have a topic that matches the scope of the meeting we look forward

to receiving your abstract.

*Do not miss this unique opportunity to present your results and opinions, meet the experts and have discussions with them and with your colleagues. We plan to allow for enough time for the discussions, with the active participation of the audience.*

**The deadline for abstract submission is April 21 - 2021**

We are planning to publish the proceedings of the workshop. More detailed information will be available on the second Bulletin and will be posted on the

Indico web page of the workshop: <https://agenda.infn.it/e/covimi>