

16 - 17 December 2020

"Molecular imaging technologies for biodegradable bone implants"

Scientific Committee

Silvio Aime, Mattia Asti, Nicola Belcari, Davide Caramella, Eleonora Da Pozzo, Alberto Del Guerra, Paola A. Erba, Francesco Faita, Assuero Giorgetti, Claudia Kusmic, Clementina Manera, Luca Menichetti, Danilo Neglia, Daniele Panetta, Claudio Passino, Federica Russo, Piero Salvadori, Gianmario Sambuceti.

Secretariat

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Online platform

 BigBlueButton

ID of the meeting

<https://bbb.ifc.cnr.it/b/ale-gaq-693>

Project

H2020 - ITN-ETN - MgSafe

"Promoting patient safety by a novel combination of imaging technologies for biodegradable magnesium implants"

Grant agreement ID: 811226

Molecular imaging technologies for biodegradable bone implants



Do you want to know about advanced
imaging techniques in bone regeneration?

16 - 17 December 2020
Pisa

Organizer

Patronage

December, 16th

"Molecular imaging technologies for biodegradable bone implants"

Chair: Dr. Francesco Faita - *CNR - IFC, Pisa, Italy*

- 9:30** Welcome to the conference
Dr. Luca Menichetti, Prof Claudio Passino
CNR - IFC, Pisa, Italy
FTGM, Pisa, Italy
School of Advanced Studies, Pisa, Italy
- 9:45** Molecular imaging in MgSafe: bone implant and regeneration by images
Dr. Luca Menichetti
CNR IFC, Pisa, Italy
- 10:15** Molecular Imaging investigations by MRI
Prof. Silvio Aime
Centre of Excellence in Molecular Imaging, University of Torino, Italy
- 11:15** PET/CT technology: detectors and new development in TOF, PET/MR instrumentations
Prof. Nicola Belcari
Dept. of Physics "E.Fermi", University of Pisa, Italy
- 12:15** Lunch
- 14:30** PRACTICAL SESSION - MicroCT Lab
M.Sc. Leon Riikainen, Dr. Daniele Panetta
CNR-IFC, Pisa, Italy

Chair: Dr. Claudia Kusmic - *CNR - IFC, Pisa, Italy*
- 15:30** PET/CT and MR/PET: how performances and application are changing
Prof. Gianmario Sambuceti
Dept. of Health Sciences, University of Genova, Italy
- 16:30** PET/CT in Oncology
Dr. Assuero Giorgetti
FTGM, Pisa, Italy
- 17:30** Lectio Magistralis
"Why technology needs humans"
Prof. Federica Russo
Dept. of Philosophy, University of Amsterdam, Netherlands



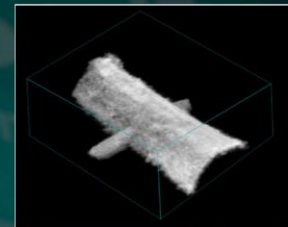
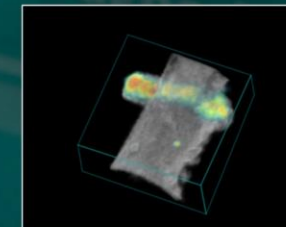
December, 17th

"Molecular imaging technologies for biodegradable bone implants"

Chair: Prof. Clementina Manera - *Dept. of Pharmacy, University of Pisa, Italy*

- 9:30** The contribution of Radiology
Prof. Davide Caramella
Dept. of translational research and new technologies in medicine and surgery, University of Pisa, Italy
- 10:30** ⁶⁸Gallium in PET imaging and new tracers
Dr. Mattia Asti
AUSL-IRCCS, Reggio Emilia, Italy
- 11:30** New tools for an accurate augmented reality surgical guidance
Prof. Vincenzo Ferrari
Dept. of Information Engineering, University of Pisa, Italy - EndoCAS Research Centre
- 12:15** The European Research Infrastructure for imaging: Euro-BiolMaging Italian Node
Dr. Alessandra Viale
Dept. of Molecular Biotechnology and Health Sciences, University of Torino, Italy
- 12:30** Lunch
- 14:30** PRACTICAL SESSION - PAUS Lab
Dr. Chiara Cavallini, Dr. Paolo Armanetti, M.Sc. Eduarda Mota da Silva
CNR-IFC, Pisa, Italy

Chair: Dr. Daniele Panetta - *CNR - IFC, Pisa, Italy*
- 15:30** From bench to bedside: biomarkers in the era of precision medicine
Dr Piero Salvadori
CNR-IFC, Pisa, Italy
- 16:30** Past, present and future of PET
Prof. Alberto Del Guerra
Dept. of Physics "E.Fermi", University of Pisa, Italy
- 17:30** Training in multimodality molecular imaging: challenges and opportunities
Dr. Danilo Neglia
FTGM, Pisa, Italy
- 18:00** Test for attendance certificate



Join us:



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