



ORLEANS, France
17-20 June 2024

THE FUTURE OF MOLECULAR MR

Cellular and Molecular Imaging Workshop

Objectives

- to establish current state of the art in molecular MR and pinpoint knowledge gaps;
- to identify adjacent technologies that can be combined with molecular MRI to create more accurate, sensitive, rapid and quantitative methods;
- to bring leaders from different fields to challenge orthodoxy and identify new opportunities in molecular MR

Program overview

- one keynote lecture, oral sessions and poster presentations;
- invited speakers to address key challenges and ask provocative questions;
- young investigator sessions
- discussion panels to consider open challenges and future opportunities

Key themes

responsive probes, nanomaterials, metabolic imaging, hyperpolarized MRI, heteronuclear and CEST imaging, transition metal based contrast agents, multimodal probes

Organizing committee

Eva Toth (Centre of Molecular Biophysics, Orléans, France) **co-chair**
Peter Caravan (Harvard Medical School, Boston, USA) **co-chair**
Amnon Bar-Shir (Weizmann Institute of Science, Rehovot, Israel)
Véronica Clavijo-Jordan (Harvard Medical School, Boston, USA)
Paula Foster (Robarts Research Institute, London, Ontario, Canada)
Uli Flögel (University of Düsseldorf, Germany)
Kazuya Kikuchi (Osaka University, Japan)
Arnab Mukherjee (University of California, Santa Barbara, USA)

Keynote speaker

Jeff W.M. Bulte, Ph.D., M.S.
Johns Hopkins University, USA

Invited speakers

Ichio Aoki, PhD

National Institutes for Quantum Science and
Technology, Japan

Célia Bonnet, PhD

CNRS, France

Jesus-Ruiz Cabello, PhD

CIC biomaGUNE, Spain

Maxime Gauberti, MD, PhD

University Hospital Caen, France

Simonetta Geninatti-Crich, PhD

University of Torino, Italy

André Martins, PhD

University of Tübingen, Germany

Janet Morrow, PhD

University at Buffalo, USA

Alkystis Phinikaridou, PhD

King's College London, UK

Miloslav Polasek, PhD

Czech Academy of Sciences, Czech Republic

Leif Schröder, PhD

German Cancer Research Center, Germany

**For more information, including
registration, abstract submission,
venue, and tourism, please visit:**

www.molecularMR.org