

## In vivo imaging seminar series



### Transatlantic Advances in Biomedical Imaging: Exploring Cutting-Edge Technologies and Collaborative Efforts

**Where :** Montpellier (Amphithéâtre Genopolys)

**Date :** May 21 2024 (de 14H à 17H)

**Objective :**

Join us for an insightful seminar on cutting-edge *in vivo* preclinical imaging technologies for biomedical research, exploring advancements in MRI, photoacoustics, high-resolution ultrasound, intravital imaging, and deep learning analysis. This seminar will not only showcase technological breakthroughs, but we will also highlight collaborative efforts between the USA and France in advancing biomedical imaging research. Delve into how these innovative tools revolutionize the study of vital organs such as the heart, brain, and understanding conditions such as fibrosis, fostering a cross-border exchange of ideas and expertise. Discover how interdisciplinary approaches enhance our ability to visualize, analyze, and comprehend complex biological processes in real-time, promoting fruitful collaborations between researchers from both nations. Do not miss this opportunity to expand your knowledge and network with experts from the USA and France in the field of biomedical imaging.

**Coordinator :** Pierre SICARD

**Intervenants :** Pierre SICARD (IPAM/U1046 Montpellier) ; Thomas Moore-Morris (IGF, Montpellier) ; Christel Lafond (IPAM/IGF, Montpellier) / Jury Aparicio (IPAM/IGF, Montpellier) ; Vitaliy Rayz (Purdue University, USA) ; Craig Goergen (Purdue University, USA) ; Elnaz Ghaja-Rahimi (Purdue University, USA); Sarah Burris (Visualsonics, USA) To be confirmed; Alain Lacampagne (U1046, France) To be confirmed

**Public :** Researchers, Engineers, Technicians, PhD Students, Postdocs

**PROGRAMME :**

Photoacoustic imaging and High-resolution ultrasound imaging, Brain-heart interaction, MRI imaging for cerebral blood flow, 4D strain analysis for cardiac pathologies, intravital and calcium imaging ...

**Nombre de participants :** 80 maximum

**Tarif académique :** free

**Tarif privé :** free

#### INSCRIPTION

Contact inscription : [ateliers-technologiques@biocampus.cnrs.fr](mailto:ateliers-technologiques@biocampus.cnrs.fr)  
 Modalités d'inscription : [remplir le formulaire de pré inscription](#) et suivre les instructions.  
 Date limite d'envoi : **May 14 2024**  
 Désistement : Veuillez avertir le contact inscription (ci-dessus) au plus tard 15 jours avant l'atelier

#### INFORMATION sur le déroulement de l'atelier

Tél : 04 67 41 52 32  
 Email : Pierre.sicard@inserm.fr

