



# Advances in Bioinspiration

IT Bases moléculaires et structurales du vivant

**November, 25th 2024**

Auditorium Biopark

11 rue watt

75013 Paris

- ▶ 9.15 am – 9.30 am      **Opening**
- ▶ 9.30 am – 11.10 am    **Session 1 Molecular assemblies**
- ▶ 9.30 am – 10.10 am    *Keynote speaker : Title to be announced, **Lee Cronin** – University of Glasgow – Glasgow, UK*
- ▶ 10.10 am – 10.40 am    *Title to be announced, **Agathe Urvoas** – I2BC – Saclay, France*
- ▶ 10.40 am – 11.10 am    *Title to be announced, **Gilles Guichard** – IECB – Bordeaux, France*
- ▶ 11.10 am – 11.30 am    **Coffee Break**
- ▶ 11.30 am – 12.30 pm    **Session 2 (Photo)Catalysis**
- ▶ 11.30 am – 12.00 pm    *Flower Petals and Tomatoes as Inspiration for Advanced Photocatalysts, **Manuel Llansola** – I2BC – Saclay, France*
- ▶ 12.00 pm – 12.30 pm    *Artificial enzymes: a bioinspired vision of catalysis, **Stéphane Ménage** – LCBM – Grenoble, France*
- ▶ 12.30 pm – 2.00 pm    **Lunch break and poster session**
- ▶ 2.00 pm – 3.30 pm      **Session 3 Cell process**
- ▶ 2.00 pm – 2.30 pm      *RNA origami-based hardware for synthetic cells, **Mai Tran** – MPI – Gottingen, Germany*
- ▶ 2.30 pm – 3.00 pm      *Coacervates as minimal models of synthetic cells, **Nicolas Martin** – Paul Pascal – Bordeaux, France*
- ▶ 3.00 pm – 3.30 pm      *From cytoskeleton investigation to living architectures, **Manuel Théry** – CEA/ESPCI/IPGG – Paris, France*
- ▶ 3.30 pm – 4.00 pm      **Coffee break and poster session**
- ▶ 4.00 pm – 5.30 pm      **Session 4 Sensing and information storage**
- ▶ 4.00 pm – 4.30 pm      *Title to be announced, **Lyderic Bocquet** – PSL / ENS – Paris, France*
- ▶ 4.30 pm – 5.00 pm      *Plenty of Room at the Nano/Bio Boundary, **Ardemis Boghossian** – EPFL – Lausanne, Switzerland*
- ▶ 5.00 pm – 5.30 pm      *Transmembrane transport of anions by supramolecular anion receptors, **Hennie Valkenier** – Université libre de Bruxelles – Brussels, Belgium*
- ▶ 5.30 pm                  **Closure**