

## A Celebration of the European Research Council (ERC) Funding in Life Sciences: From Fundamental Discoveries to Innovative Life-Saving Therapies

3 May 2024

16 rue Bonaparte, 75006 Paris

### Programme

- CEST Welcome to the symposium by **Simon Fillatreau** (INEM, AERG)
- 08:15 Welcome by **Christian Boitard**, Perpetual Secretary of the Académie de Médecine  
Welcome by Madame **Sylvie Retailleau**, Ministère de l'Enseignement Supérieure et de la Recherche (tbc)  
Welcome by representatives of French Research Organizations, **Didier Samuel** (Inserm), **André Le Bivic** (CNRS)
- 08:35 **Axel Cleeremans** (AERG) - Presentation of the Association of ERC Grantees
- 09:00 **Nicolas Voilley** (ERC EA) - ERC funding, France's Strengths and Weaknesses
- 09:30 Coffee Break
- 09:45 **First scientific session by ERC laureates: focus on individual projects**
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- **Pamela Schnupf** (INEM) - Niche Adaptations of an unusual immunostimulatory gut commensal
  - **Harry Sokol** (Saint-Antoine Hospital): Alteration of Host and Microbiota Tryptophan metabolism in Inflammatory bowel disease
  - **Nicolas Ventecleff** (INEM) - Immune Cell Plasticity in Type 2 Diabetes
  - **Alexandre Loupy** (PARCC) - Artificial Intelligence-driven integrated systems for precision medicine in kidney transplantation
  - **Philippe Bousso** (Institut Pasteur) - Decoding mechanisms of tumor immunotherapies in vivo
  - **Annarita Miccio** (Institut IMAGINE) - Genome editing strategies for beta-hemoglobinopathies

- 11:45 **Round table 1:** The ERC and the different stages in a researcher's career, from the creation of an emerging team to recognition as an international expert in the field
- 12:20 Lunch
- 13:20 **Keynote Lecture: Grégoire Courtine** and **Jocelyne Bloch** (EPFL, CHUV, UNIL, Lausanne, Switzerland) - **Mechanism-driven neuroprostheses to restore neurological functions**
- 14:05 ERC Starting Grants  
**Enzo Poirier** (Institut Curie) - Deciphering stem cell immunity  
**Laura Cantini** (Institut Pasteur) - Integration of single-cell multi-omics data across space and time to unlock cellular trajectories
- 14:45 **Jean-Pierre Bourguignon**  
**From scientific excellence to innovation: the place of the ERC**
- 15:30 Coffee Break
- 15:45 **Second scientific session by ERC laureates: focus on collaborative and innovation-oriented projects**
- **Philippe Nghe** (ESPCI) - Microfluidic arrays for combinatorial screening
  - **Nicolas Manel** (Institut Curie) - From antiviral immunity to cancer immunotherapy
  - **Marina Cavazzana** (Institut IMAGINE) - How ERC has allowed us to speed clinical research
  - **Patricia Bassereau** (Institut Curie) - Cell motility: pushing or pulling?
- 17:05 **Round table 2:** The place of ERC in collaborative and innovation-oriented projects
- 17:40 Closure of the event, **Simon Fillatreau** (INEM, AERG)