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 08:15 Welcome to the symposium by Simon Fillatreau (INEM, AERG)

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 Venteclef (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)