

PROGRAM

8:45 - 9:00 a.m. – Welcome Coffee

9:00 – 9:30 a.m. – Opening Remarks by **Thierry Coulhon**, President (Institut Polytechnique de Paris), **Gaël Richard**, Scientific Co-Director (Hi! PARIS) & the scientific committee

9:30 - 10:30 a.m. – Keynote Address: "Knowledge Alignment for Generative AI in Health: Can We Have the Best of Both Worlds?"
Janna Hastings, *Idiap Research Institute*

10:30 - 11:00 a.m. – Academic Session: "Multi-modal Learning for Single-cell Data Integration."
Laura Cantini, *Institut Pasteur, CNRS*

11:00 - 11:30 a.m. – Coffee Break

11:30 - 12:00 p.m. – Academic Session: "Opportunities and Challenges of Generative Models for Structure-based Drug Discovery."
Arne Schneuing, *EPFL*

12:00 - 12:30 p.m. – Academic Session: "Generative AI for Clinical Information Extraction and Diagnosis Decision Support."

Adrien Coulet, *INRIA Paris*

12:30 - 1:30 p.m. – Lunch Break

1:30 – 2:00 p.m. – Industrial Session: "Generative AI Meets Mechanistic Modeling."
Siak Leng Choi, *Sanofi*

2:00 - 2:30 p.m. – Industrial Session: "DNA Foundation Models and AI Agents for Precision Oncology."
Michalis Chatzianastasis, *Natera*

2:30 - 3:00 p.m. – Coffee Break

3:00 - 3:30 p.m. – Academic Session: "Single-cell Omics for Personalized Medicine in the Age of AI."
Eduardo Beltrame, *MBZUAI*

3:30 - 4:00 p.m. – Industrial Session: "Foundation Models for Radiology."
Corentin Dancette, *Raidium*

4:00 - 5:00 p.m. – Panel Discussion: "Knowledge, Representations, and Reliability in Biological AI"

5:00 - 6:30 p.m. – Poster Session & Cocktail