

**Call for Junior Group Leaders in Artificial Intelligence for Genetics, Biology & Medicine,
At Institut *Imagine* and Institut Necker Enfants Malades, Paris, France**

Located in the heart of Paris on the Necker – Enfants Malades Hospital campus, Institut Imagine and Institut Necker Enfants Malades (INEM) are equipped with cutting-edge core facilities and foster a collaborative environment, uniquely positioning them to bridge research and patient care.

Institut *Imagine* and INEM seek outstanding **Artificial Intelligence (AI) experts to join their teams as tenure-track Junior Group Leaders**. These positions focus on applying AI to Biomedical Research, with a strong interest in Genetic Medicine, and offer internationally competitive start-up packages.

Successful candidates will develop an ambitious research program in collaboration with Institut Imagine, INEM, and the PR[AI]RIE AI community, pioneering novel AI approaches to understand, diagnose, and treat Mendelian and complex diseases.

Candidates should have a strong AI development background in at least one of the following areas:

- Imaging Analysis and Computer Vision
- Multimodal Data Integration
- Therapeutic Target Identification using machine learning and AI approaches
- Disease Pathogenesis Modeling by constructing AI-enhanced models or simulations
- Diagnosis and Treatment Response Modeling

Minimum Job Requirements:

- Ph.D. in Computer Science, Mathematics, Statistics, Data Science, Computational Biology, or a related field.
- Expertise in the theoretical underpinnings, implementation, and biomedical applications of AI methods, as evidenced by peer-reviewed publications.

Applications should be submitted to teamcallapplication@institutimagine.org and must include:

- A full CV (including a detailed list of publications)
- Past and current research interests (2 pages)
- Future research proposal (3 pages)
- Recommendation letters (3).

Applications must be received by March 8th 2025.

Pre-selected candidates will be notified from March 8th 2025 for auditions by the Scientific Advisory Board.

Integration of the new group can be effective from September onwards