



**MSCA**

Marie Skłodowska-Curie Actions

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## Postdoctoral Fellowships



### CALL FOR APPLICATIONS 2025 – FELLOWS

<b>Supervisor</b>	Emilie Picard
<b>Supervisor page</b>	<a href="https://www.researchgate.net/profile/Emilie-Picard-3">https://www.researchgate.net/profile/Emilie-Picard-3</a>
<b>Host Institution</b>	National Institute for Health and Medical Research (Inserm) <a href="https://www.inserm.fr/en/home/">https://www.inserm.fr/en/home/</a>
<b>Research Lab</b>	Centre de Recherche des Cordeliers <a href="https://www.crcordeliers.fr/en/home/">https://www.crcordeliers.fr/en/home/</a>
<b>Research Team</b>	Physiopathology of ocular diseases: therapeutic innovations <a href="https://www.crcordeliers.fr/en/equipes/physiopathology-of-ocular-diseases-therapeutic-innovations-2/">https://www.crcordeliers.fr/en/equipes/physiopathology-of-ocular-diseases-therapeutic-innovations-2/</a>

#### Project Title

Implication of ferroptosis, an iron-related cell death in the pathogenesis of age-related macular degeneration: Therapeutics perspectives

#### Project Description

Iron accumulates in the retinal cells with age and in early dry age-related macular degeneration (AMD) and ferroptosis, an iron-related cell death, is a subject of major interest for understanding the pathogenesis of this disease. Using retinal cells derived from human stem cells and retinal organoids, AMD models will be established and used to investigate the role of iron accumulation and ferroptosis in this disease and explore therapeutics strategies using neuroprotective molecules

#### Keywords

ferroptosis, age-related macular degeneration, therapy

#### Description of the Host Research Lab

The Centre de Recherche des Cordeliers (CRC) is a public research center of excellence located in the heart of Paris. CRC develops fundamental, translational and clinical research in the field of biology and health. CRC's research projects are multidisciplinary, mainly in the fields of oncology, immunology, the study of metabolism and the major physiological functions of the body.»

To submit your application, please send an email with the required documents to  
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