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HR EXCELLENCE IN RESEARCH

Post-doctoral Position on Inflammation in Cystic Fibrosis

We are seeking a highly motivated and talented Postdoctoral Research Fellow to join our research group on the **resolution of inflammation in respiratory diseases** within the GEIC20 research team, at the Mondor Institute of Biomedical Research (IMRB-INSERM U955). IMRB is one of the major multidisciplinary biomedical research centers in the east of Paris. This INSERM unit is affiliated with the faculty of Health and Université Paris-Est Créteil (UPEC) and the Henri Mondor Hospital providing a multidisciplinary research environment and state-of-the-art technological platforms.

The successful candidate will contribute to the understanding of the abnormal resolution of inflammation in Cystic Fibrosis (CF). More specifically, the proposed project aims to evaluate the impact of **air pollution** on the biosynthesis and the function of **specialized pro-resolving lipid mediators** (SPM) including fighting microbial infection in CF. This position is funded through a collaborative ANR research program (PRIME: Pollution impact on the Resolution of Inflammation in Mucoviscidosis airway disease) involving physiologists, molecular biologists, environmental chemists and clinicians (pediatrician and adult CF, ENT).

Scientific background: Epithelial cell physiology, Respiratory system, Microbiology and Inflammation.

Expertise: Primary culture, classical molecular biology, biochemistry and microbiology techniques. Experience in confocal microscopy and image analysis as well as animal experimentation will be appreciated.

Skills: Design and conduct independent research, strong interpersonal and collaboration skills, data analysis using advanced statistical methods, excellence in writing and oral communication skills (English).

Duration: maximum 3 years (renewed on a yearly basis according to progress)

Starting date: 01/02/2025

Application: Interested candidates should submit a cover letter detailing their research interests and career goals, a current curriculum vitae, and contact information for three references. Please email application materials to valerie.urbach@inserm.fr

Useful links: <https://www.inserm.fr/> <https://rh.inserm.fr/>
<https://imrb.inserm.fr/en/teams/s-lanone-2/active-resolution-of-inflammation-in-airway-diseases/>