



POSTDOCTORAL
FELLOWSHIP

OPEN POSITION



DESCRIPTION

EXPLORING THE MECHANISM OF ACTION OF A NEW ANTI-PSORIATIC DRUG

A two years position funded by Eurostars program “PSORIACURE” is available at Lorraine University in the Inflammation group headed by Jean-Yves Jouzeau and David Moulin (https://www.researchgate.net/profile/Jean_Yves_Jouzeau).

The goal of the PSORIACURE project is to improve treatment of Th17 related inflammatory pathologies, especially psoriasis for which preliminary experiments have shown very promising results with a new patented drug.

The specific goal of this project is to decipher the molecular mode of action of this therapeutic compound regulating the high-potential target NFKBIZ through different complementary scientific objectives:

- Explore the effect of the drug on global signaling pathways and metabolism in human keratinocytes
- Explore the effect of the drug on NFKBIZ mRNA expression and stability and on Ikbz function
- Explore the effect of drug on other Th17-mediated experimental models (Arthritis and Colitis)

The project will be performed in close collaboration with Temisis Therapeutics (www.temisis.com) that will bring its experience to an ambitious multi-partner R&D project, notably in preclinical drug development of small molecules and their industrial property protection and exploitation. The candidate will collaborate with StratiCell (straticell.com) which will bring its knowledge in skin biology and inflammatory response and its know-how in tissue engineering and downstream analyses.

Candidates with a solid background in cellular and molecular biology will have an additional expertise in experimental pathology.

Please send full CV including research interests and the name of 2-3 referees by email to :

David Moulin

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