



## Post-doctoral research fellowship in cutaneous biology (2 years)

### Center for molecular biophysics – CNRS, Orléans

Within the Center for molecular biophysics (UPR4301 CNRS) in Orléans, a position is open in the group “Microenvironment and receptor pharmacology”. The selected candidate will participate to a collaborative project funded by the Région Centre-Val de Loire in the frame of the Cosmetoscience program. The aim is **to study the effects of a new technology based on cold plasma treatment of skin and to develop non-invasive new imaging technologies**. The selected candidate will be in charge to set up and develop the *in vitro* and *ex-vivo* biological studies. In particular, he/she will have to select the best skin models and optimize culture conditions to carry out the studies as well as to implement relevant assays to highlight and understand the mechanisms of cold plasma effects on skin cell activities.

CBM (UPR 4301) is a CNRS unit of 140 people where several groups work in synergy at the interface between physics, biology and chemistry. The researcher will interact with the other members of the group (researchers, engineers, post-docs, PhD students) but also with external collaborators. He / She will have access to the high-performance equipment of the cytometry and cell imaging platform in CBM.

#### Keywords

Skin biology, skin models, non-thermal plasma, cell assays

#### Requirements

- ✓ PhD in cell biology
- ✓ Background in skin biology
- ✓ Good experience in skin cell culture, in various cell assays such as oxidative stress, cytotoxicity, extracellular matrix, in fluorescence techniques (cytofluorometry, confocal/video-microscopy) and in histological assays and analyses
- ✓ Highly motivated, curious and open-minded, with communication skills

#### Starting date

from March 1<sup>st</sup>, 2021

#### Application

To apply and for more details, connect to the Portail Emploi CNRS website, <https://emploi.cnrs.fr/Offres/CDD/UPR4301-MARPER-052/Default.aspx?lang=EN>

Upload a CV including a publication list, a cover letter and two recommendation letters, before January 2021, 27<sup>th</sup>.

#### Contact

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