

## POSTDOCTORAL POSITION ON THE PREPARATION OF THERAPEUTICALLY RELEVANT GPCRS

The team “Functional Pharmacology and Pathophysiology of Membrane Receptors” of Dr. R Jockers (Institut Cochin, Paris) and the CALIXAR biotech company (Lyon) are looking for a postdoctoral researcher (2 years) interested in working at the interface of academic and industrial research.

G Protein-Coupled Receptors (GPCRs) are excellent drug targets with great potential in the treatment of many diseases. Recent major advances in GPCR expression, purification opened new perspectives for drug design, anti(nano)body production and structural biology.

The proposed project is based on a long-standing collaboration between the laboratory of Dr. Ralf Jockers, a specialist in GPCR pharmacology and CALIXAR, a French biotech company specialized in the preparation of high-quality membrane proteins. CALIXAR’s approach allows to preserve the original structure and function of membrane proteins (GPCRs, Ion Channels, Transporters, Receptors, Anchors and Viral Proteins) providing solutions for pharmaceutical industries, biotechnology companies and academic teams to develop conformational antibodies, formulate new vaccines, carry out Structure Based Drug Discovery and/or HTS assays.

The project will consist in the preparation of novel and therapeutically highly relevant GPCRs. The candidate should have a solid background in biochemistry of membrane proteins. Specific knowledge on GPCRs, structural biology or intracellular signaling would be an advantage. The project requires also basic cell culture, and molecular biology techniques. The candidate should be strongly motivated to work at the interface of academic and industrial research and should hold a PhD obtained in 2019, 2020 or 2021. Following the acceptance of the project in the frame of the “Plan France Relance”, the candidate will be employed by Inserm with the possibility to be hired by Calixar at the end of the project.

The expected starting date of the 2-year position is between Nov 2021 – Jan 2022.

### Relevant links:

<https://calixar.com/>

<http://cochin.inserm.fr/Departements/emc/equipe-jockers>

<https://publons.com/researcher/2050488/ralf-jockers/>

To apply, please send the following documents:

- CV (with full publication list)
- Motivation letter
- Contact of two references

Contact: Dr. Ralf Jockers: [ralf.jockers@inserm.fr](mailto:ralf.jockers@inserm.fr)