

|                                     |   |
|-------------------------------------|---|
| <b>Titre de l'annonce</b>           | <b>Postdoctoral Fellow in brain organoid modeling</b>   |
| <b>3 mots clé -</b>                 | Epilepsy, Corticla Malformations, mosaicism   |
| <b>Ville</b>                        | Paris   |
| <b>Pays</b>                         | France  |
| <b>Texte de l'offre</b>             | The main aim of the project is to understand the molecular and cellular bases of focal cortical dysplasia and epileptogenesis, notably the developmental mechanisms leading to FCD. To achieve this, genetic engineering approaches will be applied to generate hiPSC-derived mosaic brain organoids mimicking FCD somatic mutations. The successful candidate should be able to generate and characterize cortical organoids using different approaches, including Crispr-editing, 3D cell culture, high-throughput screening, imaging and single-cell omics |
| <b>Date de fin de publication :</b> | 01/06/2022  |
| <b>Type d'emploi</b>                | Post-Doctorat - Post-Doctoral position  |
| <b>Type de contrat</b>              | CDD   |
| <b>Date limite de candidature</b>   | <b>01/06/22</b>   |
| <b>Date début de fonction</b>       | 01/04/2022  |
| <b>Information contact</b>          | Stéphanie Baulac : <a href="mailto:stephanie.baulac@icm-institute.org">stephanie.baulac@icm-institute.org</a><br>Paris Brain Institute - Institut du Cerveau - ICM<br>Hôpital Pitié-Salpêtrière - 47, bd de l'hôpital - 75013 Paris<br>Tél : +33 (0)1 57 27 43 39   |