## (Senior) Research Scientist in Epilepsy

## Braine l’Alleud Belgium

# (Senior) Research Scientist

# In Braine-L’Alleud, Belgium

UCB aspires to be the patient-centric global biopharmaceutical leader transforming the lives of people living with severe diseases. We focus on central nervous system and immunology disorders. Our promise is to help tackle the serious unmet medical needs affecting patients around the globe. An important part of our philosophy is to take a holistic approach to patients, which aims to find solutions tailored to their circumstances.

To pursue a rich heritage in epilepsy, with over 20 years of experience in research and development of novel antiepileptic drugs, we are now building on our proven track record of innovative discovery approaches with a long-term commitment to epilepsy research. Our scientists are an integral part of the epilepsy community and pursue collaborative research with a broad network of academic leaders in the field.

We now have an exciting opportunity in the New Medicines department at our research site in Belgium, close to Brussels (Braine l’Alleud), for a (senior) research scientist to join the epilepsy discovery group. This person will contribute to the evaluation of innovative disease-context specific treatment strategies with disease-modifying potential using in vitro models of epilepsy and molecular techniques.

Job requirements:

* Contribute to the improvement and development of in vitro epilepsy platforms according to the objectives in epilepsy research and to ensure a high level of technical quality and productivity
* Contribute to the implementation and use of genetic engineering as an added value in in vitro epileptic models and assays
* Contribute to study designs and take ownership for timely completion of studies. Able to conduct laboratory experiments independently and to provide in-depth analysis and critical assessment of study data
* Identify and propose potential novel targets to support the discovery of novel treatments for drug-resistant epilepsy patients
* Interact and integrate the experiments with the *in vitro* and *in vivo* epilepsy teams
* Ensure excellent communication and interactions with the epilepsy group members, and with members of other functions in order to promote timely progress of studies and projects
* Ensure appropriate training of students or new scientific staff members and post-docs by sharing technical expertise
* Ensure that all studies are compliant with HSE guidelines, and support the team leader for preparation and filing of biosafety and ethical committee’s documents and protocols
* Represent and promote UCB research activities at internal and external scientific meetings by poster or oral presentation and contribution to the writing of scientific publications

Candidate profile:

* PhD level, preferably with post-doc working knowledge in neuroscience, electrophysiological tools (local field potential, multielectrode array) and molecular biology tools
* Strong experience in epilepsy, brain slice, primary neurons or iPSC derived neurons, molecular biology techniques and excellent publication track record
* Strong familiarity in neurobiology, neuropharmacology, electrophysiology and epileptic signals analysis
* Experience with human tissue from patients with epilepsy is a plus
* Experience across *in vitro* and *in vivo* epilepsy models is a plus
* Excellent written and verbal communication skills
* Proficiency in English is essential
* Proactive, creative and enterprising attitude
* Strong work ethic and motivation
* European certificate for experimenting from animals (FELASA or similar) is required

Applications should include a CV and cover letter describing your motivation and experience, as well as the name of two referees and the date from which you would be available.

<https://career5.successfactors.eu/sfcareer/jobreqcareer?jobId=61703&company=UCB&username>=

<https://www.linkedin.com/jobs/view/963078552/>

For additional questions regarding the position you can contact Stefanie Dedeurwaerdere, PhD, Head of Epilepsy Research (stefanie.dedeurwaerdere@ucb.com).