



Epilepsy Foundation Postdoctoral Fellows Cambridge, UK

Neusentis, part of Pfizer, is a Research Unit with the goal of developing new therapies for human disease (<http://www.neusentis.com/index.php>).

In partnership with the Epilepsy Foundation (<http://www.epilepsy.com/>) and Intellimedix (<http://intellimedix.com/>) we are embarking upon an exciting international collaboration to create individualized and potential new treatments for people living with Dravet Syndrome (a very severe type of genetic epilepsy) and other types of epilepsy for which limited treatment options are currently available. We will be using **induced pluripotent stem cells** derived from a series of individual patients with Dravet Syndrome to develop **cell based models of epilepsy**. Neurons derived from patient iPSCs will be investigated to identify and characterise the disease phenotype. The neurons will be challenged with anti-epileptic drugs so as to correlate the response to that of the individual Dravet Syndrome patients, as well as used as a “disease in a dish” to identify novel anti-epileptic mechanisms.

Two Epilepsy Foundation Postdoctoral Fellowships are available to work on this exciting project. We are looking for a neuroscientist with electrophysiology experience, ideally working with neuronal culture systems. We are also looking for a cellular neuroscientist, ideally with experience in functional imaging and pharmacology.

The successful applicants are expected to have recent PhD degrees in molecular or cellular neuroscience, strong communication skills, a record of scientific productivity, and a desire to work independently and cooperatively within a team.

The positions are based in the state of the art Neusentis research laboratories located in Cambridge UK. Positions are available for 2 years.

To apply for either of these positions, please go to our careers page www.pfizer.com/careers and search for job ID 1001289 to send a covering letter and CV.