

# Post-doctoral position for neuronal stem cell research in central nervous system (CNS) discovery

## Who we are

At Roche, 80,000 people across 150 countries are pushing back the frontiers of healthcare. Working together, we've become one of the world's leading research-focused healthcare groups. Our success is built on innovation, curiosity and diversity, and on seeing each other's differences as an advantage. To innovate healthcare, Roche has ambitious plans to keep learning and growing – and is seeking people who have the same goals for themselves.

The headquarters in Basel is one of Roche's largest sites. It is home to the Corporate Executive Committee, the Pharmaceuticals and Diagnostics Divisions and the global business functions. Roche Basel also covers the entire business chain from research, development and production through to marketing. Over 8,000 people from more than 60 countries work at the site.

## The Position

We are looking for a highly motivated research scientist to participate in a collaboration through the Roche Postdoc Fellowship (RPF) Program between the laboratories of Prof. Hongjun Song at Johns Hopkins University School of Medicine (<http://neuroscience.jhu.edu/HongjunSong.php>) and CNS research on neural stem cells at F. Hoffmann-La Roche.

The working title of the project is:

Modelling pathogenesis and treatment of neuronal developmental disorders using induced pluripotent stem cell technology.

We aim to investigate human iPSC technology to generate and characterize neurons and astrocytes from patients with neuronal developmental disorders to model the cellular pathogenesis in vitro. The candidate will be initially located at Johns Hopkins University School of Medicine with the opportunity to eventually participate in neuronal stem cell activities in CNS discovery at Roche, Basel.

## Who you are

You're someone who wants to influence your own development. You're looking for a company where you have the opportunity to pursue your interests across functions and geographies, and where a job title is not considered the final definition of who you are, but the starting point.

Applicants require a PhD and a strong scientific background in CNS/stem cell related fields based on proven record of publication. Expertise with techniques in the area of cell culture cell- and molecular biology, microscopy and histology is essential. This position through the Roche Postdoc Fellowship (RPF) Program offers the unique opportunity to perform translational research in academic and pharmaceutical drug discovery. We expect outstanding motivation, creativity, analytical thinking and a strong scientific commitment. Candidate with previous experience with human embryonic stem cell/iPSC culture experience is particularly encouraged, but not required.

Job ID No.: 20658

Contact Line: R. Jagasia: Phone: +41 61 687 11 74 or University Mentor:

Prof. Hongjun Song: 001 443 287 7499; Internet: [shongju1@jhmi.edu](mailto:shongju1@jhmi.edu)

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