I am looking for an ‘independent’ with ‘experience in iPSC’ Post doctoral fellow for my lab at NUS.

One of the Aims in our project is to directly transform adult human fibroblasts into induced oligodendrocyte precursor cells through a combination of genetic reprogramming and oligodendrocyte progenitor inductive growth factor without intermediate formation of mpluripotent cells. These new OPCs cells will be characterized in our microfluidic compartmentalized platform (in vitro) and then studied in neonatal shiverer mice and contusive model of spinal cord injury in adult rats for our in vivo studies. In addition to immuno-histopathology, electrophysiology (SEP/MEP) and imaging (DT-MRI, BLI, EM) are other main assessment methods in our projects.

If you are interested, please provide me with your CV.

ANGELO H. ALL, MD, MBA
Assistant Professor
Department of Orthopedic Surgery
Department of Bioengineering
Department of Medicine, Division of Neurology
SINAPSE Institute
National University of Singapore
Direct office: 660 131 98
Email: angelo.all@nuhs.edu.sg