A postdoctoral research fellow opportunity is available in the Patten Lab at the Institut National de la Recherche Scientifique (INRS) in the Greater Montreal area. His research group focuses on investigating disease mechanisms and novel therapeutic approaches for neurological disorders including amyotrophic lateral sclerosis (ALS). The laboratory uses a combination of zebrafish genetic models, genome-editing approaches and chemical genetic screens. We are seeking for a candidate to further our understanding of ALS pathogenesis and to development therapeutics for ALS. The project will include application of confocal microscopy, cellular neurophysiology, drug screens, genome editing and exciting molecular biology approaches. The post holder will benefit from brandnew and state-of-the-art imaging and fish facilities of the Institute. Collaboration is critical for progress - the Patten lab works closely with neuroscience labs at CRCHUM and McGill University working with human IPSCs, mice and C. elegans.

The candidate will benefit from an intellectual environment, friendly and interactive culture of the neuroscience community in Montreal. The candidate will have a PhD in biology, neuroscience or related field. Independence, motivation, good communication skills and a willingness to work as part of a team are required. The candidate will have the opportunity and be supported into developing new projects. The ideal candidate should preferably have experience in imaging techniques, molecular biology and genome editing methods.

Candidates should submit curriculum vitae, a one-page summary of research interests and the names and contact information for three references to Dr. Patten kessen.patten@iaf.inrs.ca