



**from cells to community: solutions for spinal cord injury**

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Are you motivated, proactive, independent and productive? Do you have a passion for neuroscience? Consider joining the team in Dr. Brian Kwon's laboratory.

## **PhD position available starting Spring 2015**

Research in the Kwon Lab is focused on the bi-directional process of translational research for spinal cord injury (SCI) – both “bench to bedside” and “bedside back to bench.” Our laboratory has established and characterized CSF biomarkers of SCI and developed various preclinical animal models that can serve as testing grounds for novel therapeutic strategies. Your potential project will focus on various underlying metabolic, biochemical, hemodynamic changes following SCI in an attempt to inform and refine current clinical guidelines around the management of acute SCI patients. The studies will be performed in a pre-clinical animal model of SCI.

Our lab is part of ICORD (International Collaboration On Repair Discoveries), an interdisciplinary spinal cord injury research centre in the University of British Columbia Faculty of Medicine and Vancouver Coastal Health Research Institute. UBC offers students an intellectually challenging education through a high quality trainee program (<http://www.grad.ubc.ca/>). ICORD also offers student initiatives to further create a unique and highly stimulating environment for exchange of knowledge and mentoring of young researchers. Check out our website to learn more (<http://icord.org>).

This PhD position will be jointly supervised by **Dr. Brian Kwon**, Professor and Canada Research Chair in Spinal Cord Injury, Department of Orthopaedics, Division of Spine, University of British Columbia, Vancouver Coastal Health, and **Dr. Femke Streijger**, Research Associate, ICORD. Starting salary is \$21,000 per year. You will be expected to apply for competitive external funding. Other funding opportunities (Teaching Assistant or Work Learn positions) may also be possible.

To be eligible for this position, you should have an M.Sc. from a recognized university and be accepted by the Faculty of Graduate Studies at the University of British Columbia (<https://www.grad.ubc.ca/>). Your verbal and written English communication skills must be excellent. Competitive candidates will have extensive experience with in-vivo micro-dialysis, ELISA and multiplex analysis, immunohistochemistry, microscopy, FACS and animal behavioral testing. Preference will be given to applicants with published scientific manuscripts and at least one first-author publication in the field.

To apply, please send a cover letter outlining your research interests, a CV, and the names and contact information of 3 references to Dr. Femke Streijger by email ([streijger@icord.org](mailto:streijger@icord.org)) or by post to the address above.