

# Stanford

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## Anna Badner

Postdoctoral Research Fellow, Psychiatry

### Bio

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#### BIO

I am currently a Postdoctoral Research Fellow at Stanford University in the lab of Dr. Erin Gibson. I completed my PhD at the Institute of Medical Science in the University of Toronto (2018), under the supervision of Dr. Michael Fehlings, where my thesis was focused on the peripheral inflammatory response in neurotrauma and application of immunomodulatory cell therapies to target this pathology. I subsequently spent two years as a Postdoctoral Scholar at the Sue & Bill Gross Stem Cell Research Center, University of California-Irvine (UCI), transplanting various sources of neural stem cells for traumatic brain injury. During this time, I expanded my interest in the activation of endogenous progenitors as an alternative to cell transplantation for therapeutic purposes.

#### PROFESSIONAL EDUCATION

- Bachelor of Science, University of Ottawa (2012)
- Doctor of Philosophy, University of Toronto (2018)

#### STANFORD ADVISORS

- Erin Gibson, Postdoctoral Faculty Sponsor

### Publications

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#### PUBLICATIONS

- **Freshly thawed cryobanked human neural stem cells engraft within endogenous neurogenic niches and restore cognitive function following chronic traumatic brain injury** *Journal of Neurotrauma*  
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- **Promising neuroprotective strategies for traumatic spinal cord injury with a focus on the differential effects among anatomical levels of injury.** *F1000Research*  
Uldreaj, A. n., Badner, A. n., Fehlings, M. G.  
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- **Abstracts from The 35th Annual National Neurotrauma Symposium July 7-12, 2017 Snowbird, Utah.** *Journal of neurotrauma*  
2017; 34 (13): A1–A163
- **Early Intravenous Delivery of Human Brain Stromal Cells Modulates Systemic Inflammation and Leads to Vasoprotection in Traumatic Spinal Cord Injury** *STEM CELLS TRANSLATIONAL MEDICINE*  
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