

# Postdoctoral Researcher in Imaging in The Canadian Concussion Centre – UHN

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This is a full-time, on-site Postdoctoral Researcher position at the Canadian Concussion Centre in Toronto, ON, supervised by Dr. Carmela Tartaglia at the Centre for Research in Neurodegenerative Diseases. The role involves leveraging a strong multi-modal MR imaging background combined with behavioral/psychological, biofluid, and genetics data to study the effects of repetitive head injuries in former professional athletes at risk of neurodegenerative diseases. The successful candidate will have the opportunity to develop additional projects aligned with their skills and interests, collaborating with other lab members and researchers in Toronto. The fellowship begins in Fall/Winter 2025 and offers ample opportunities for collaboration within the institute and beyond.

**For inquiries or further details, contact Dr. Carmela Tartaglia  
at [carmela.tartaglia@uhn.ca](mailto:carmela.tartaglia@uhn.ca)**

## Responsibilities:

- Experimental design, data collection and analysis, manuscript preparation
- Magnetic resonance image analysis (experience with PET is an asset)
- Data analysis using advanced, multivariate statistical tools
- Dissemination of research results (e.g., publications, conferences, public outreach)

## Qualifications:

- PhD or equivalent degree in psychology, cognitive neuroscience, or similar
- Advanced quantitative and computer skills, including the ability to use Matlab, Python, or any other programming language that enables experiment design and data analysis
- Working knowledge of neuroimaging software: FSL, FreeSurfer, SPM,
- Experience with MRI data collection and analysis
- Effective oral and written communication skills