

## Cognitive Function and Brain Morphology in Patients Receiving Treatment for Testicular Cancer

Presented By: Dr. Ali Amidi, Post-Doctoral Fellow  
Department of Psychology and Behavioral Sciences, Aarhus University

Location: 625 N. Michigan Avenue, 27<sup>th</sup> Floor – Lakeshore Conference Room

Date: Monday, November 23<sup>rd</sup>

Time: 12:00PM

CE credits will be available

Lunch will be provided

Please RSVP by Friday November 20<sup>th</sup>



### Abstract

Dr. Amidi's research focuses on neurocognitive dysfunction and brain morphological changes associated with cancer and cancer treatments. His research has focused on such changes in both testicular cancer and breast cancer populations. Dr. Amidi's talk will focus on his observational work carried out during his PhD in testicular cancer patients and report on associations between cancer and cytotoxic treatments with cognition, brain morphology (structural MRI and DTI), and various biomarkers of relevance (i.e. proinflammatory cytokines, cortisol, APOE). His work is funded by The Danish Council for Independent Research and The Danish Cancer Society.

### Learning Objectives

- 1) Become familiar with the current state of cancer and cognition research.
- 2) Better understand the role of testicular cancer and its treatment upon cognition.
- 3) Learn about different structural neuroimaging approaches in cancer and cognition research.
- 4) Learn about biological correlates of cognition in testicular cancer patients.