



LETTER OF INTENT
Transformational Research 2016

DEADLINE: Thursday, January 21, 2016, 2:00 p.m. EST
Applicants will be notified of Proposal invitations in March 2016.

This Letter of Intent is an example only. Do not complete this paper application.
Please submit the Letter of Intent online through the Institute's grant management system at
https://weston.smartsimple.ca/welcome/neuroscience

Principal Applicant:

Project Title:

Applicant Details

Table with 5 columns: Team Members, Organizations, Primary Contact Information, Role in Project, Estimated Time Spent on Project. It contains two rows of application details for team members.

Note: Projects are not limited to two team members as laid out on this sample application form; projects may include as many team members as needed for the successful execution of the project.

Application Overview

Keywords to describe the proposed work:

What tool(s) or therapeutic(s) is being developed as the main goal of the project?

*(Select only items being **developed** as a main goal of the project, e.g., do not select “Animal Model” unless you are developing a new animal model. There is no benefit to selecting more items.)*

Tool

- Animal model
- Assay/screen
- Biomarker
- Cell line
- Clinical assessment instruments
- Diagnostic
- Imaging technique or reagent
- New method of drug delivery
- Probe
- Other *Please specify:*

Therapeutic

- Biologic
- Cell therapy
- Electrical brain stimulation
- Magnetic brain stimulation
- Medical device
- Small molecule
- Surgical intervention
- Vaccine
- Other *Please specify:*

If a therapeutic is being developed, what preclinical phase(s) of development does the project cover?

(Select only those that apply.)

- Target validation
- Assay development
- Screening and hits to leads
- Lead optimization
- Safety and toxicity in animals
- Efficacy in animals
- Other *Please specify:*

Research will have a significant impact in which neurodegenerative disease(s) of aging?

(Select only those that apply. There is no benefit to selecting more diseases.)

- Alzheimer’s disease
 - Amyotrophic lateral sclerosis*
 - Frontotemporal dementia
 - Lewy body dementia
 - Multiple system atrophy
 - Parkinson’s disease
 - Progressive supranuclear palsy
 - Vascular contributions to neurodegeneration (not stroke-mediated vascular disease)
 - Prodromes to the listed diseases (e.g., mild cognitive impairment as prodromal to Alzheimer’s disease; REM sleep behavior disorder as prodromal to Parkinson’s disease)
- If selected, please also select disease(s) that apply*

**Note: for 2016, projects focused on amyotrophic lateral sclerosis (ALS) should be submitted to the ALS-focused program scheduled to launch in Spring 2016.*

Have you applied to other funding agencies with the same proposed work?
(This information will not be used to assess the application.)

- Yes *Please specify:*
 No
-

Is this your first time applying for a neuroscience grant from the Institute? Yes
(*This information will not be used to assess the application.*) No

Is this your first application for a research grant specifically in the area of neurodegenerative diseases of aging? Yes
(*This information will not be used to assess the application.*) No

Please list the full name (first and last names) of any individuals who are competitive with you and therefore should not review your application. Please do not exclude reviewers for other reasons, as we are unable to honor these requests. Type "None" if you have no reviewer exclusion.
(*This information will not be used to assess the application.*)

Project Information

1. Goals and specific aims: (*maximum 500 words*)

2. Significance and impact: Why is it important that the proposed work be carried out? How will successful completion of this work accelerate the development of therapeutics for neurodegenerative diseases of aging? (*maximum 200 words*)

3. Experimental approach: Please outline how the proposed work will be carried out and interpreted, including clear go/no-go criteria. Please do not include background information (e.g., pathology, etiology or incidence/prevalence) of neurodegenerative diseases of aging. (*maximum 1300 words*)

4. Preliminary data: Preliminary data that best supports the application should be uploaded as a PDF of maximum 1 page.

List of publications cited in the application and other publications directly relevant to the proposed work: Please include full citations with a complete author list and PMID.