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## **Azrieli Foundation (RFA): The Neuroimmune System and Brain Development**

### **Sponsor**

Azrieli Foundation

### **For More Information**

For additional information, please visit the [Azrieli Foundation website](#) [1] for

- Program guidelines
- Application forms
- Evaluation criteria

### **Description**

The Azrieli Foundation Grants Program seeks to support hypothesis-driven, mechanistic research projects that explore the role played by inflammatory and immune processes in neural development and their effects on the pathophysiology of neurodevelopmental disorders (NDDs). The long-term vision is that discoveries made possible by this RFA could lead to the development of mechanism-based interventions that address the fundamental molecular and physiological features that underlie neurodevelopmental conditions.

Topic Eligibility examples of relevant research include, but are not limited to:

- Effect of infection, immune/inflammatory pathways on embryonic/fetal brain development
- Anatomic, cellular and mechanistic characterization of neuro-immune interface in brain developmental processes
- Role of immune/inflammatory pathways related to the gut-brain axis (including microbiome) on brain development
- Role of microglia in brain development (ex: synaptic pruning, connectivity, oligodendrogenesis)
- Studies of the mechanistic impact on brain of neuro-immune interactions as they relate to high confidence risk factors associated with NDDs in humans

### **Eligibility**

Applications may be submitted by individual researchers or teams. Inter-institutional

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collaborative proposals are strongly encouraged. Nominated Principal Applicants, and Co-applicants (who intend to share funding) must be independent researchers at accredited Canadian Universities or Research Institutes with Registered Charitable Organization designation. Team applications can also include collaborators (who do not request funding from this RFA), from any jurisdiction.

## Funding Availability

Expect to fund top five applications

## Maximum Project Value

Individual or team projects will be funded to a maximum of CAD \$150,000 per year

## Indirect Costs

0%

## Project Duration

Three years

## Special Notes

Please note that research activities carried out in the context of COVID-19 need to adhere to the University of Guelph COVID-19 research principles, policies, guidelines and processes as they may be updated from time to time and communicated on the [Office of Research web-page](#) [2].

## Deadlines

**If College-level review is required, your College will communicate its earlier internal deadlines.**

Type	Date	Notes
<b>External Deadline</b>	Friday, May 14, 2021 - 6:00pm	<b>Letter of Intent:</b> NPI to submit Letter of Intent using the portal. See attached LOI information and application manual.

- Further details for

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Type	Date	Notes
		access and registration/submission using the portal will be posted on the <a href="#">Azrieli Foundation website</a> [3].
<b>Internal Deadline</b>	Friday, July 2, 2021 - 11:59pm	<b>Application:</b> NPI to provide a copy of the application along with a complete OR5 form to <a href="mailto:research.services@uoguelph.ca">research.services@uoguelph.ca</a> [4]
<b>External Deadline</b>	Friday, July 9, 2021 - 6:00pm	<b>Application:</b> NPI to submit application via the portal. See attached Application Manual.  <ul style="list-style-type: none"><li>• Further details for access and registration/submission using the portal will be posted on the <a href="#">Azrieli Foundation website</a> [1].</li></ul>

## Attachment(s)

Attachment

 [Letter of Intent](#) [5]

Size

56.94 KB

 [Application Manual](#) [6]

566.44 KB

For Questions, please contact

[science.grants@azrielifoundation.org](mailto:science.grants@azrielifoundation.org) [7]

**Office of Research**

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Ornella McCarron, Grants Officer

Research Services Office

[omccarro@uoguelph.ca](mailto:omccarro@uoguelph.ca) [8]

Alert Classifications **Category:**

Funding Opportunities and Sponsor News

## Disciplines:

Health and Life Sciences

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## Source

**URL:** <https://www.uoguelph.ca/research/alerts/content/azrieli-foundation-rfa-neuroimmune-system-and-brain-development>

## Links

[1] <https://azrielifoundation.org/our-priorities/science-research-healthcare/azrieli-science-grants-program/the-neuroimmune-system-and-brain-development/>

[2] <https://www.uoguelph.ca/research/>

[3] <https://azrielifoundation.org/our-priorities/science-research-healthcare/azrieli-science-grants-program/>

[4] <mailto:research.services@uoguelph.ca>

[5] <https://www.uoguelph.ca/research/alerts/sites/default/files/attachments/LOI-Neuroimmune-System-and-Brain-Development-03192021.docx>

[6] <https://www.uoguelph.ca/research/alerts/sites/default/files/attachments/Azrieli-2021-RFA-Application-Manual-FINAL-EN.pdf>

[7] <mailto:science.grants@azrielifoundation.org>

[8] <mailto:omccarro@uoguelph.ca>