

Azrieli Science Grants Program: RNA and the Brain

Sponsor

Azrieli Foundation

For More Information

For additional information, please visit the [program's websites](#) [1] for

- Program guidelines
- Application forms
- Evaluation criteria

Description

We are pleased to announce the establishment of the Azrieli Science Grants Program, and the launch of our first Request for Applications (RFA): “RNA and the Brain”. In this call for applications, we seek to support research projects that deepen our understanding of the molecular events “downstream of RNA transcription” that diversify gene expression and function in embryonic and early postnatal development of the nervous system. The emphasis will be on how these mechanisms contribute to normal nervous system development, physiological homeostasis and/or neural cell function, and how their dysfunction may contribute to neurodevelopmental disorders. Our 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 features that underlie neurodevelopmental conditions.

Topic Eligibility

- Post-transcriptional regulation of gene expression, including, for example, (but not limited to): RNA splicing, stability, and localization; circular RNA biogenesis and function; regulation of RNAs by miRNA and RNA binding proteins (RBP); composition and role of RNA-associated granules and bodies
- Regulation of protein translation, including (but not limited to): Ribosome elongation, termination and quality control; localization of protein translation; regulation of protein degradation; Phase separation of protein complexes
- Spatial and temporal regulation of the above post-transcriptional/post-translational mechanisms in neuronal development and/or associated neurodevelopmental conditions

- We will accept applications using any relevant model/experimental system, provided the focus is relevant to the nervous system

Eligibility

Applications may be submitted by individual researchers or teams. Nominated Principal Applicants, and Coapplicants (who intend to share funding) must be independent investigators at accredited Canadian Universities or Research Institutes with Registered Charitable Organization designation. Team applications may include collaborators (who do not request funding from this RFA) from any jurisdiction.

Funding Availability

expected to fund 6 applications

Maximum Project Value

\$150,00 per year or maximum of \$450,000 per grant

Indirect Costs

0%

Project Duration

3 years

Special Notes

Please refer to the [Office of Research COVID 19 web-page](#) [2] for directives related to research activities at the University of Guelph.

Update regarding the COVID19 situation

The Azrieli Foundation is aware that research at universities and research institutes is greatly affected by the social distancing policies that were put into effect across Canada, and that this is a fluid situation. We are monitoring developments closely to adapt our review process and funding launch dates, and will continuously review our activities and timelines while remaining firmly committed to supporting this initiative.

Deadlines

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Published on Research Alerts (<https://www.uoguelph.ca/research/alerts>)

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

Type	Date	Notes
External Deadline	Friday, May 15, 2020 - 6:00pm	Letter of Intent: Applicant to submit LOI using the online application portal [1] For access to LOI requirements, you can refer to this form [3].
Internal Deadline	Friday, July 10, 2020 - 11:59pm	Full Application: Applicant to submit copy of application along with a complete OR5 form to: research.services@uoguelph.ca [4]
External Deadline	Friday, July 17, 2020 - 6:00pm	Full Application: Applicant to submit application using the online application portal [1] Application manual is available at this link [1] on the Azrieli Foundation website. ?

For Questions, please contact information contact us at: science.grants@azrielifoundation.org [5]

Office of Research

Ornella McCarron, Grants Officer
Research Services Office
519-824-4120 x52832
omccarro@uoguelph.ca [6]

Alert Classifications **Category:**
Funding Opportunities and Sponsor News

Disciplines:

Health and Life Sciences

Azrielli Science Grants Program: RNA and the Brain

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URL:<https://www.uoguelph.ca/research/alerts/content/azrielli-science-grants-program-rna-and-brain>

Links

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

[2] <https://www.uoguelph.ca/research/article/2019-novel-coronavirus-information>

[3] https://azrielifoundation.org/wp-content/uploads/2020/04/Azrieli_RFA_RNAtheBrain_LOI_14April2020_FINAL_EN.docx

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

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

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