



**Department of Biotechnology  
Ministry of Science and Technology, Government of INDIA**

**Call for Letters of Intent (LOI) in Neuroscience (Last date for submission 10<sup>th</sup> May, 2022)**

### **1. Introduction**

Neuroscience is a multidisciplinary science that involves studying the structure and function of nervous system for understanding the behavioral, cognitive and development aspects of it at the cellular and molecular level.

### **2. Objectives**

The Department of Biotechnology is desirous of supporting interdisciplinary efforts that advance Neuroscience Research and Education. Letters of intent (LoI) are invited in the basic science and translational research aspects that advance our understanding of both normal and abnormal brain functioning with focus on the following areas:

- a) Brain function and its disorders or pathogenesis at the cellular & molecular level.
- b) Development of neurological tools & techniques.
- c) Building platforms for advancing the technological competency for brain functions and disorders.
- d) Therapeutics, diagnostics, imaging technology and biomarker discovery/validation for the neurological disorders.
- e) Learning, Plasticity, and Memory.
- f) Neurobiology of Aging

These areas are only indicative in nature. PIs are welcome to submit any novel, exciting proposal on any aspect of neuroscience.

### **3. Eligibility**

Researchers / Scientists working in the Government Organizations / Universities /Academic Institutions / National Laboratories / SIRO recognized Non-Profit Organizations, with sound scientific & technical backgrounds and relevant publications in the proposed areas can submit projects proposals. Scientists joining hands for translational consortium projects with complementary strengths would be encouraged and one or two super exciting themes with clear cut deliverable may be developed as mission programs as well.

#### **4. PROPOSAL FORMAT & SUBMISSION**

How to Apply: Interested investigators/clinical researchers/scientists with novel ideas working in recognized R&D Institutions can come together to submit the LOIs through email to [yadav.ak@dbt.nic.in](mailto:yadav.ak@dbt.nic.in) per the format given below. The point of contact is Dr. Amit Kumar Yadav, Scientist C, Department Of Biotechnology, Ministry of Science & Technology, Block 3, 5th Floor, Room No. 534, CGO Complex, Lodhi Road, New Delhi-110 003. The investigators are advised not to submit hard copies of LOIs.

### **Format for LoI**

1. (i) Project/ Programme: Title  
(ii) Specific Area of your proposal  
(iii) Single or Multi-centric  
(iv) Names (s) of the Investigator(s), Email and Contact number  
(v) Institute address
2. Scientific Hypothesis and key questions to be addressed with Primary Objectives
3. What is the perceived gap in the area and novelty in your approach?
4. Detailed work plan i.e., how will you test the hypothesis/approach towards development of technology / solutions?
5. Feasibility of doing the study in your present institution/workplace.
6. Tentative budget (under the headings Non-recurring/Manpower/Recurring).
7. List 4-6 statements on expected deliverables (a) study outcomes (or) translational outcomes.
8. Professional Experiences and Training relevant to the project
9. CV of the investigators as per format (Annexure I).
10. Any other highlights

**(Annexure I)**

1. Name :.....
2. Date of Birth : ..... 3. Sex (M/F):.....
4. Designation .....
5. Department : .....
6. Institute/University : .....
7. Address :.....

.....

PIN : .....Telephone : ..... e-mail:.....

8. Specialization/Research Areas.....

9. Education Details (Post-graduation onwards & Professional Career)

SR. NO.	DEGREE AWARDED	INSTITUTION/PLACE	YEAR	FIELD OF STUDY

10. Employment Details: Position and Employment (Starting with the most recent employment)

SR. NO.	INSTITUTION/PLACE	DESIGNATION	FROM DATE	TO DATE

11. Awards/Honors Details

12. Details of ongoing/completed projects.

13. Publications of the last 5 years in relevant areas.