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# FUNDING HORIZONS

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OCTOBER 2017



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# WELCOME NOTE



Dear Colleague,

Welcome to another edition of Funding Horizons, a compilation of useful information relating to funding opportunities at the Bangalore Life Science Cluster campus. This newsletter includes information on forthcoming funding deadlines, recent funding successes and more.

We hope this will be useful for you in planning your funding applications.

With Best Wishes,

Savita Ayyar (on Behalf of Team RDO)



# INTRAMURAL TRAVEL AWARDS



## INFOSYS TRAVEL AWARDS

### **Who can Apply**

NCBS students and postdoctoral researchers nominated by their PI.

### **When to Apply**

Applications to this scheme will be accepted throughout the year.

### **How to Apply**

Filled in Application forms (available on the intranet <https://intranet.ncbs.res.in/services/rdo/intramural>) should be submitted to the RDO ([rdo@ncbs.res.in](mailto:rdo@ncbs.res.in)).

### **Reporting**

Successful awardees will be expected to complete a brief report on their travel upon their return to the campus.



## TT NARASIMHAN TRAVEL AWARDS

### **Who can Apply**

Students and postdoctoral researchers at both NCBS and inStem, nominated by their PI.

### **When to Apply**

Applications to this scheme will be accepted throughout the year.

### **How to Apply**

Filled in Application forms (available on the intranet <https://intranet.ncbs.res.in/services/rdo/intramural>) should be submitted to the RDO ([rdo@ncbs.res.in](mailto:rdo@ncbs.res.in)).

### **Reporting**

Successful awardees will be expected to complete a brief report on their travel upon their return to the campus.

## FUNDING SUPPORT PROVIDED BY THE INTRAMURAL TRAVEL AWARDS:

- Rs. 1 lakh for attending conferences or for visiting collaborator laboratories.
- Supervisors can nominate multiple candidates per laboratory per year, with Rs. 1 lakh amount distributed across all the intramural travel awards (Infosys Foundation Travel Awards and TT Narasimhan Travel Awards).

*For queries regarding intramural travel awards, please contact the RDO at [rdo@ncbs.res.in](mailto:rdo@ncbs.res.in).  
We request students to please take prior appointment for any discussion related to travel awards via email to [rdo@ncbs.res.in](mailto:rdo@ncbs.res.in).*

# NEWS HIGHLIGHTS



## FUNDING WORKSHOP FOR POSTDOCTORAL FELLOWS

The RDO in conjunction with the Academic Office organized the funding workshop for postdoctoral researchers on the campus on 5th October, 2017. The workshop was well-received by the postdoc community. We hope to organize such workshops on an annual basis.

Any suggestions/feedback regarding the funding workshop can be mailed at [rdo@ncbs.res.in](mailto:rdo@ncbs.res.in).

We thank those who have already provided their feedback on the workshop. We have noted your requests and suggestions.



# REVISED GUIDELINES FOR SERB SCHEMES : N-PDF, EMR, ECR

SERB has recently revised the timelines and eligibility criteria for the following schemes/ programs:

## 1. National Postdoctoral Fellowship (N-PDF):

- **Revised Eligibility criteria:**

1. Applicants applying to this scheme can submit their proposal only once in a calendar year.
2. National Postdoctoral Fellowship (N-PDF) can be availed only once by a candidate in their career.
3. A mentor cannot have more than two SERB N-PDF fellows at any given time.
4. The N-PDF fellows should join the host institute within a month of issue of the sanction order.

- **Revised Timelines:**

The revised deadlines for submission of the completed applications :

- 31st January, 2018
- 31st July, 2018

## 2. Extramural research scheme (EMR):

This scheme has been renamed as Core Research Grant (CRG).

- **Revised Eligibility criteria:**

1. Applicants applying to this scheme can submit their proposal only once in a calendar year.
2. An eligible applicant can submit only one proposal in a given call.

- **Revised Timelines:**

The revised deadlines for submission of the completed applications :

- 30th March, 2018
- 30th September, 2018

## 3. Early Career Research Award( ECRA):

- **Revised Eligibility criteria:**

1. Applicants applying to this scheme can submit their proposal only once in a calendar year.
2. An eligible applicant can submit only one proposal in a given call.

- **Revised Timelines:**

The revised deadlines for submission of the completed applications :

- 30th April, 2018
- 31st October, 2018

The revised guidelines are effective from 1st October, 2017.

More details can be accessed at: [http://www.serb.gov.in/pdfs/Office%20Order%2028\\_09\\_17.jpg](http://www.serb.gov.in/pdfs/Office%20Order%2028_09_17.jpg),  
<http://www.serb.gov.in/pdfs/what-new/Revised%20dates%20for%20call%20for%20proposal-1.jpg>



## SCIENTIFIC OVERLAP

Extramural funds are awarded by agencies for discrete projects that are not already in receipt of funding from other extramural sources. Extramural grants are intended to represent support for a well-defined, well-described research project. There are different ways in which agencies scrutinize and enforce this. We have put together some guidelines here to help applicants navigate these complexities for some common agencies supporting our campus research.

### **CEFIPRA:**

At the point of grant submission, applicants are required to provide a list of other projects currently being handled by the Indian Principal Collaborator, giving titles of the projects, funding agency, quantum of funds, starting dates and duration.

### **CSIR:**

At the point of grant submission, applicants are required to list all sources of research support availed / being availed/ applied for by the PI from different sources, including CSIR, during the last six years.

### **DBT :**

At the point of grant submission, the Principal applicant, co-applicants and the institutional head are required to sign a declaration that includes the clause, "The research work proposed in the scheme/project does not in any way duplicate the work already done or being carried out elsewhere on the subject. The same project proposal has not been submitted to any other agency for financial support".

### **DST :**

At the point of grant submission, the Principal applicant are required to sign a declaration that includes the clause "I/we did not submit the project proposal elsewhere for financial support". Some Fellowships may be permissive for grant holders to avail of the research support component while in receipt of salary support from alternative sources.

### **SERB**

At the point of grant submission, applicants are required to provide a list of projects submitted/implemented/completed by the Investigators. The Principal applicant is required to sign a declaration that states that, "the research work proposed in the scheme/project does not in any way duplicate the work already done or being carried out elsewhere on the subject".

### **WTDBT India Alliance:**

At the point of grant submission, the applicant is obliged to disclose to the Alliance any other grant proposals that have been submitted for support of the stated research project. The understanding is that should both applications for funding be successful, the applicant will activate only one unique source of funding.

During the active period of the grant, India Alliance Fellows are expected to check with the Alliance before applying for additional funding and are required to disclose receipt of any additional funding in their annual reports. The purpose of this is for the Fellow and the Alliance to mutually confirm the lack of scientific overlap on both projects, the extent of time commitment for the new project and resolution of any IP-related issues.

*If you have any concerns regarding overlapping applications, please discuss this with RDO staff at any time during the grant submission process.*



# AWARDED GRANTS

This section provides brief details of the recent funding successes from our campus. We wish the investigators well for their proposed programs of research. All correspondence on awarded grants should be directed to: [rdopostaward@ncbs.res.in](mailto:rdopostaward@ncbs.res.in).

**Researcher:** Dr. Sandeep Chandrashekharappa

**Host Institution:** Institute for Stem Cell Biology and Regenerative Medicine (inStem)

**Project Title:** Prophylactic catalytic dermal cream to prevent pesticide exposure during farming practices.

**Funding Scheme:** DST-Scheme for Young Scientists and Technologists (SYST)

**Funds Awarded:** Rs. 31.49 Lakhs

# FORTHCOMING DEADLINES



## International Collaboration

### **ASEAN-India collaborative R&D program (AISTDF)**

**Remit:** To promote collaborative research projects among researchers of India and ASEAN (Association of South East Asian Nations) countries (<http://asean.org/asean/asean-member-states/>) in all disciplines of Natural Sciences, Medicine, Health, Mathematics, Electronics & IT, Science & Technology.

**Applicant eligibility:** Faculty based at eligible Indian/ ASEAN universities/ publicly funded research institutes. The total number of participants on each side should not exceed two.

**Budget:** Funds mobility of researchers from India to partnering ASEAN member countries and vice versa. Limited funding for manpower, accessories, add-ons to existing equipment, chemicals and consumables.

**Duration:** 24-36 months

**Deadline:** Rolling scheme. Formal processing of the proposals shall start w.e.f. 1st Jan, 1st April, 1st July, 1st October each year.

**Weblink:** <http://dst.gov.in/sites/default/files/ASEAN-India%20Call%20for%20R%26amp%3BD%20proposals.pdf>



# FORTHCOMING DEADLINES

(<https://www.ncbs.res.in/rdo/sponsor-deadlines>)

## October 2017– December 2017

All queries on new grant submissions should be directed to [rdo@ncbs.res.in](mailto:rdo@ncbs.res.in)

Applicants are requested to allow at least 2 weeks before a submission deadline for RDO staff to carry out necessary due diligence on outgoing applications.

Applicants are requested to ensure that all regulatory approvals required for sponsored research are in place. Queries in this regard should be directed to [harleenk@ncbs.res.in](mailto:harleenk@ncbs.res.in)/  
[ambilid@ncbs.res.in](mailto:ambilid@ncbs.res.in)

## International Collaboration

### **INDO-US Collaborative Expansion of Vision Research: Call for Joint Research Proposals (DBT/NIH, USA)**

**Remit:** To support collaborations between the U.S. and India that focus on the basic biology and/or genetics of ophthalmic diseases including Diabetic Retinopathy and Ocular Inflammation.

**Applicant eligibility:** Application must include at least one Indian and one US Principal Investigator. Principal investigator should be based at a research institution in India/US.

**Comments:** Indian PI applies to DBT and corresponding US partner applies to National Eye Institute (NEI)/National Institutes of Health (NIH) directly.

**Deadline:** 9th November, 2017

**Weblink:** [http://www.dbtindia.nic.in/call\\_for\\_joint\\_research/](http://www.dbtindia.nic.in/call_for_joint_research/)

### **Indo-Hungarian Joint Research Call for Proposals 2017 (DST/ NRDIO, Hungary)**

**Remit:** To support collaborative research projects between the Hungary and India that focus on the priority areas including Biotechnology, ICT, Energy and Water

**Applicant eligibility:** Application must include at least one Indian and one Hungarian scientist.

**Budget:** Funds travel expenses for project related visits, consumables, manpower .

**Duration:** Up to 36 months

**Deadline:** 17th November, 2017

**Weblink:** [http://www.dst.gov.in/sites/default/files/hungary%20call%202017\\_nrdio1.pdf](http://www.dst.gov.in/sites/default/files/hungary%20call%202017_nrdio1.pdf)

### **2017 BRICS Call for Proposals for BRICS Multilateral R&D Projects (DST/CNPq /FASIE/RFBR /MOST /NSFC/NRF)**

**Remit:** To support collaborative multilateral research between the partnering BRICS countries in priority areas including Biotechnology and biomedicine including human health and neuroscience, Material science including nanotechnology, Information technologies and high performance computing.

**Applicant eligibility:** Project consortia should consist of partners from at least three BRICS countries.

**Budget:** Supports collaborative exchange visits, consumables costs and manpower costs.

**Deadline:** 28th November, 2017

**Weblink:** <http://www.dst.gov.in/sites/default/files/2017%20BRICS%20Call%20for%20Proposals%20DST%20National%20Guidelines%20%26amp%3B%20Scope%20of%20BRICS%20Call.pdf>

## International Exchange

### **Joint Call between India and Austria for exchange visits (DST/BMFWF, Austria)**

**Remit:** To support joint research projects between researchers in India and Austria in all scientific disciplines within the thematic areas of science and technology.

**Applicant eligibility:** Researchers working at any non-profit research institution in India are eligible. Project proposals submitted by early-stage (<5 years post-PhD experience) or mid-career researchers (< 5-15 years post-PhD experience) as well as project proposals with involvement of PhD/doctoral students, early-stage and/or female researchers will be particularly considered.

**Budget:** Funds travel expenses for project related exchange visits.

**Duration:** Up to 2 years

**Deadline:** 30th November, 2017.

**Weblink:** <http://www.dst.gov.in/sites/default/files/India-Austria%20joint%20call%20proposals%20for%20exchange%20visits%20for%202018-2020.pdf>

## Postdoctoral Fellowships

### **Future Conservationist Award (CLP)**

**Remit:** To support early-career conservationists to conduct scientific research projects in the Asia Pacific region focused on either tree species or non-avian marine species based in seaward habitats.

**Applicant eligibility:** Projects must take place in one of the eligible countries (India is eligible). CLP awards are team based and should involve at least three participants. The team leader must be the national of the country where the project is based. All team members must be early career conservationists (< 5 years post-PhD experience).

**Budget:** \$12,500

**Duration:** Up to 12 months.

**Deadline:** 26th November, 2017.

**Weblink:** <http://www.conservationleadershipprogramme.org/grants/grant-overview/future-conservationist-award/>

# FORTHCOMING DEADLINES

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[ambilid@ncbs.res.in](mailto:ambilid@ncbs.res.in)

## Postdoctoral Fellowships

### **National Post Doctoral Fellowship, N-PDF (SERB)**

**Remit:** Provides support to pursue postdoctoral research in frontier areas of science and engineering.

**Applicant eligibility:** Indian citizen, PhD. Applicants who have submitted their PhD/M.D/M.S thesis and are awaiting award of the degree are also eligible to apply. Age limit < 35 years with relaxation of 5 years for SC/ST/OBC/PH/Women. The fellowship is generally not availed at the same institution where one has obtained or worked for the PhD/M.S/M.D degree. Also, the fellowship cannot be availed with the doctoral thesis supervisor or co-supervisor as a mentor.

**Budget:** Rs. 55,000/- per month (consolidated), research grant: Rs. 2,00,000/- per annum

**Duration:** 2 years (can be extended further for one more year in exceptional cases)

**Deadline:** 31st January, 2018

**Weblink:** <http://www.serb.gov.in/npdf.php>

## Travel

### **Travelling Fellowships (Company of Biologists)**

**Remit:** Travel grant for graduate students and post-doctoral researchers who wish to make collaborative visits.

**Applicant eligibility:** No restriction on nationality. The applicant should be working in the field of the journal (Development, Journal of Cell Science, The Journal of Experimental Biology, and Disease Models & Mechanisms)

**Budget:** up to £2,500. Funding includes travel, subsistence, accommodation, visa fees and bench fees.

**Agency Deadline:** 30th November 2017 (for travel after 22nd January 2018)

**Weblink:** <http://www.biologists.com/travelling-fellowships/>

## **Rolling Schemes**

### **Explorer Awards-Simons Foundation Autism Research Initiative (SFARI)**

**Remit:** To improve the understanding, diagnosis and treatment of autism spectrum disorders (ASD) by funding innovative research of the highest quality and relevance.

**Applicant eligibility:** All applicants and key collaborators must hold a Ph.D., M.D. or equivalent degree and have a faculty position or the equivalent at a college, university, medical school or other research facility. There are no citizenship or country re-quirements.

**Budget:** Upto \$70,000

**Duration:** 1 year

**Weblink:** <https://sfari.org/funding/grants/explorer-awards-rfa>

### **Hamied Visiting Fellowship (Cambridge-India)**

**Remit:** To support faculty exchange in order to strengthen existing collaborations between India and Cambridge

**Applicant eligibility:** Researchers at Indian universities with an existing academic relationship with colleagues at the University of Cambridge

**Budget:** Travel, transfers and accommodation.

**Duration:** 1-2 weeks

**Weblink:** <http://www.cambridge-india.org/funding-opportunities/hamied-visiting-fellowship>

### **High Risk High Reward (HRHR) (SERB)**

**Remit:** To support proposals that are conceptually new and risky, and if successful, expected to have a paradigm shifting influence on science and technology.

**Applicant eligibility:** PhD, Indian nationals holding a regular academic appointment in India

**Budget:** not defined

**Duration:** 3-5 years

**Weblink:** <http://www.serb.gov.in/hrhr.php>

### **Industry Relevant R&D (SERB)**

**Remit:** To utilize the expertise available in academic institutions and national laboratories to solve industry specific problems for the larger benefit of society.

**Applicant eligibility:** Academic partners include Indian nationals holding a regular academic appointment in India. All industries (including MSME & industrial R&D Centres) are eligible.

**Budget:** SERB will provide funds up to Rs.50 lakhs for supporting research costs to the academic partner. The industry partner is expected to share up to 50% of the total costs of the project.

**Duration:** 3-5 years

**Weblink:** <http://www.serb.gov.in/irrd.php>

## **Rolling Schemes**

### **J C Bose National Fellowships (SERB)**

**Remit:** To recognize active scientists and engineers for their outstanding performance and contributions.

**Applicant eligibility:** Indian Nationals residing in India, with upper age limit of 68 years for completion of fellowship. Needs to be nominated by the institute.

**Budget:** Salary top-up of Rs. 25,000 per month plus research grant of Rs. 10.00 lakh.

**Duration:** 5 years

**Weblink:** <http://serb.gov.in/pdfs/guideline/jcbose-guideline.pdf>

### **Project grants (DBT)**

**Remit:** To support Research and Development projects in biotechnology and life sciences

**Applicant eligibility:** Ph D, Regular position in Indian research institutes/universities

**Budget:** upto 1 crore

**Duration:** 3-5 years

**Comments:** Submission through online web portal of DBT

**Weblink:** <http://dbtepromis.nic.in/Login.aspx>

### **Ramanujan Fellowship (SERB)**

**Remit:** To support scientists from all over the world, who wish to return to India to take up scientific research positions.

**Applicant eligibility:** PhD/MD with excellent proven track-record. Age less than 55 years.

**Budget:** Fellowship support of Rs.85,000/-per month and research grant of 7 Lakhs per annum

**Duration:** 5 years

**Weblink:** <http://serb.gov.in/pdfs/guideline/ramanujan-guideline.pdf>



## **RESEARCH DEVELOPMENT OFFICE**

National Centre for Biological Sciences  
GKVK Campus, Bellary Road, Bangalore-560065

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Newsletter Designed by : Malini S Pillai

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*For comments, suggestions and queries on the Newsletter, please contact Savita Ayyar.*