
FUNDING HORIZONS

AUGUST 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)



FUNDING NEWS



2018 JDB TRAVEL AWARDS

The Journal of Developmental Biology (JDB) has announced a call to support early career researchers towards presenting their work at scientific meetings of their choice.

JDB travel grants can be availed by postdoctoral fellows or PhD students working in the area of Developmental biology research to attend an international conference related to Developmental biology in 2018 and to present their research (oral and/or poster presentation).

The scheme offers one travel award of 800 CHF (Swiss Francs).

The deadline for submission of applications is: **15th October, 2017.**

Details of the award can be accessed at:

<http://www.mdpi.com/journal/jdb/awards>

INTRAMURAL FUNDING ANNOUNCEMENTS

Call for NCBS/inStem Campus Fellows program

The Academic Office has announced the next call for applications to the NCBS/inStem Campus Fellows program (CFP), to an internal deadline of **11th September, 2017**.

The NCBS/inStem Campus Fellows program is targeted at postdoctoral scientists of exceptional talent, and provides them broad independence and support to carry out their research in a host laboratory at NCBS (www.ncbs.res.in) or inStem (<http://instem.res.in>). Fellows are expected to drive new research directions in their host laboratories, and to establish themselves as independent scientists.

Campus Fellows are appointed for a period not exceeding 4 years. The Fellowship provides competitive salary and campus housing. Fellows may choose to hold a part of their Fellowship off-campus for collaborative work and training relevant to their program of research.

Selection is on the basis of a proposal developed in close collaboration with the host followed by a public seminar and an interview with the CFP committee.

More details on the Campus Fellows program can be accessed at :

<https://www.ncbs.res.in/academic/postdoc-cfp>

INTRAMURAL FUNDING ANNOUNCEMENTS

Call for NCBS/inStem/Institut Curie - Joint Postdoctoral program

The Academic Office has announced the first call for the NCBS/inStem/Institut Curie - Joint Postdoctoral program to an internal deadline of **11th September, 2017**.

The NCBS/inStem/Institut Curie-Joint Postdoctoral program is facilitated via an inter-institutional agreement for the provision of excellent training to scientists through a structured exchange program and to encourage scientific collaborations between Institut Curie, Paris, France and NCBS/inStem, Bangalore, India.

This program supports joint post doctoral fellowships for a period not exceeding 4 years.

Applications are being accepted from postdoctoral candidates nominated by collaborating PI pairs at NCBS/inStem and Institut Curie, France whose joint projects have been shortlisted by the Academic Office.

More details regarding the NCBS/inStem/Institut Curie - Joint Postdoctoral program can be accessed at : <https://www.ncbs.res.in/academic/postdoc-ncbs-instem-ic>

These programs are administered by the NCBS/inStem Academic Office and all queries regarding these programs should be directed to acadoffice@ncbs.res.in

AWARDED GRANTS

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

Researcher: Dr. Arati Ramesh

Host Institution: National Centre for Biological Sciences (NCBS)

Project Title: Control and regulation of ribosomal biogenesis by RNAs and RNA-binding proteins

Funding Scheme: SERB- Early Career Research (ECR) Award

Funds Awarded: Rs. 39.06 Lakhs



Researcher: Dr. Uma Ramakrishnan

Host Institution: National Centre for Biological Sciences (NCBS)

Project Title: Genetic Study of Melanistic Tigers

Funding Scheme: NTCA-Project Grant

Funds Awarded: Rs. 20.4 Lakhs

AWARDED GRANTS

This section provides brief details of the Extramural Fellowships awarded to postdoctoral researchers on the campus. We wish all the investigators well for their proposed programs of research. All correspondence on awarded grants should be directed to: rdopostaward@ncbs.res.in



Researcher: Dr. Sanjeev Kumar

Host Institution: National Centre for Biological Sciences (NCBS)

Project Title: Exploring the role of evolutionary selection on the amino acid diversity at specific positions in the structures of protein: a case study with triosephosphate isomerase.

Funding Scheme: SERB- National Postdoctoral Fellowship (N-PDF)

Funds Awarded: Rs. 19.2 Lakhs



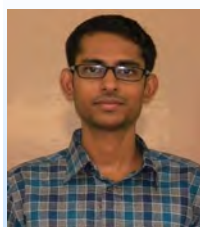
Researcher: Dr. Sufi O Raja

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

Project Title: Studying functional role of non-invasive physical forces in cell fate determination and in therapy of protein aggregation related disorders.

Funding Scheme: SERB-National Postdoctoral Fellowship (N-PDF)

Funds Awarded: Rs. 19.2 Lakhs



Researcher: Dr. Saikat Haldar

Host Institution: National Centre for Biological Sciences (NCBS)

Project Title: Targeted Metabolomics and

Biotransformation of Toxic Terpene Glycosides from Common Indian Ferns.

Funding Scheme: SERB– National Postdoctoral Fellowship (N-PDF)

Funds Awarded: Rs. 19. 2 Lakhs



Researcher: Dr. Nishtha Nayyar

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

Project Title: Understanding the role of microRNAs in governing regeneration polarity in *Schmidtea mediterranea*.

Funding Scheme: DBT– BioCARE

Funds Awarded: Rs. 37.49 Lakhs

PROCESS MATTERS



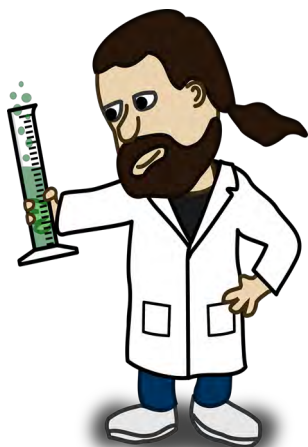
Pre-screening for SERB National Postdoctoral Fellowships (N-PDF)

The next call for SERB N-PDF postdoctoral fellowships will open on 1st October, 2017 for a submission deadline of 31st October, 2017. As per campus norms, applications from postdoctoral colleagues to this scheme, for research to be hosted at NCBS or inStem, require MANDATORY pre-screening by the Academic office.

The Academic office has issued a call for applications for prescreening for this scheme. Expressions of interest from postdoctoral colleagues should be submitted to the Academic office in time for the internal deadline of **Friday, 15th September, 2017**. Candidates are advised to follow the procedure for pre-screening as detailed in the call or at the following link:

<https://www.ncbs.res.in/academic/postdoc-extramural>.

ANNOUNCEMENT



FUNDING WORKSHOP FOR POST-DOCTORAL FELLOWS



A funding workshop will be organized for Postdoctoral Fellows on campus, on **5th October 2017**.

This is an open workshop and all postdoctoral colleagues on campus are welcome to attend the event. The meeting aims to provide an overview of all available postdoctoral funding opportunities and to apprise postdoctoral colleagues on campus of the internal processes followed in the Academic office and the RDO to streamline and facilitate grant submissions and management.

A 2-hour session is planned for this workshop, which will include:

- 1) A presentation by the RDO staff on Postdoctoral funding opportunities and travel awards.
- 2) A session on the prescreening of applications for competitive Postdoctoral Fellowships.
- 3) A presentation by the RDO staff on effective management of awarded grants.
- 4) A presentation by Dr. Mukund Thattai, Head, Academics, NCBS on the art and ethics of grantsmanship and what it takes to make a successful application.

This workshop is being organized for the benefit of the postdoctoral researcher community at the Bangalore Life Science Cluster. Hence, please do publicize this event amongst the postdoctoral fellows on campus.

Importantly, we would like to have your inputs in this regard. Should you have any queries regarding funding schemes, grant submissions, award management or any suggestions for the workshop, please write to us at rdo@ncbs.res.in.

The final agenda for the workshop will be shared closer to the date of the event.

FORTHCOMING DEADLINES



Research grants/Fellowships

Call for Proposals on Nano-intervention in Management of Ophthalmic Diseases (DBT)

Remit: To fund studies undertaking research and innovation in the areas of “Nano Enabled System and Devices for Ocular diseases”.

Applicant eligibility: Principal investigator should be based at a research institution in India.

Deadline: 15th September, 2017

Weblink: <http://www.dbtindia.nic.in/call-for-proposals-on-nano-intervention-in-management-of-ophthalmic-diseases/>

FORTHCOMING DEADLINES

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

August 2017– October 2017

All queries on new grant submissions should be directed to 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/
ambilid@ncbs.res.in

International Collaboration

Call For Proposals ICT (2017) (DBT/RCN, Norway)

Remit: To support collaborative research projects between scientists in Norway and India within the field of ICT (Information and Communication Technology) research including environmental monitoring, smart neighborhoods, sensor networks/IoT, monitoring for safe living, mobility and wireless infrastructure, Artificial intelligence, autonomous and cognitive systems etc.

Applicant eligibility: Principal investigator should be based at a research institution in India.

Budget: Funds equipment costs, manpower, consumables, contingency and international travel related expenses (supports mobility).

Duration: Up to 3 years

Deadline: 6th September, 2017

Weblink: <http://www.dst.gov.in/sites/default/files/DST-RCN-Norway-joint-Call-on-ICT-2017.pdf>

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 Oct each year.

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

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

Remit: To support research 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/

International Exchange

Call For Proposals - India-Japan Cooperative Science Programme (IJCSP, Japan)

Remit: To promote collaborative research projects among researchers of India and Japan in disciplines including Life Sciences and Bioengineering, Fundamental Sciences, Materials and System Engineering, Astronomy, Space, Earth System and Sciences and Mathematics and Computational Science.

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

Budget: Funds mobility of researchers from India to Japan and vice versa. This includes cost of international airfare to and from the designated research location, visa fee, airport taxes, overseas medical insurance premium for the approved visit duration and airport transfers in India. Funding is also available for joint workshops/seminars to be organized in India.

Duration: 2 years

Deadline: 6th September, 2017.

Weblink: <http://www.dst.gov.in/sites/default/files/DST-JSPS%20Call%20for%20Proposal%20-%202018.pdf>

MIF Research Fellowship (Matsumae International Foundation, Japan)

Remit: To allow researchers to undertake short term research projects in an institute of choice in Japan

Budget: Stipend, Travel, insurance, relocation and living expenses

Applicant eligibility: PhD, regular appointment in a research institute, age less than 49 years

Duration: 3-6 months

Agency deadline: 31st August, 2017

Weblink: <http://www.mif-japan.org/fellowship/announcement/?hl=en>

FORTHCOMING DEADLINES

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

August 2017– October 2017

All queries on new grant submissions should be directed to 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/
ambiid@ncbs.res.in

FORTHCOMING DEADLINES

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

August 2017– October 2017

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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.

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ambilid@ncbs.res.in

International Exchange

International Exchanges Scheme (The Royal Society, UK)

Remit: To strengthen the collaboration between scientists in the UK and overseas. This scheme funds either a one-off short visit to explore opportunities for building lasting networks or for bilateral visits to strengthen emerging collaborations.

Eligibility: The lead applicant (UK based scientist and/or project leader) and the co-applicant (overseas based scientist and/or project leader) must have a PhD and hold a permanent or fixed-term contract in an eligible university or research institute, which must span the duration of the project. This scheme accepts applications for collaborations with all countries outside of the UK.

Budget: Funds for contribution towards travel, subsistence and research expenses. Up to £3,000 for travel up to 3 months, for multiple visits: up to £6,000 within 1 year and up to £12,000 within 2 years.

Duration: Up to 3 months, 1 year or 2 years

Deadline: 17th October, 2017

Weblink: <https://royalsociety.org/grants-schemes-awards/grants/international-exchanges/>

Postdoctoral Fellowships

Overseas Fellowship: Indo-U.S. Genome Engineering/Editing Technology Initiative (GETin) Program (DBT/ IUSSTF)

Remit: To provide opportunity to best and brightest Indian scientists to gain exposure and access to world class research facilities in leading US institutions.

Applicant eligibility: PhD, working in a field having an interface with Genome Engineering/Editing technology studies, holding a regular position in public funded R&D Lab/ institution in India. Age limit: Up to 45 years as on 31st December 2017.

Budget: Monthly stipend of \$ 3,000 per month, Air Fare, Health Insurance of upto \$ 1,000, contingency of upto Rs. 50,000/-, Conference Allowance of upto \$1,200.

Duration: 5 weeks to 12 months

Deadline: 31st August, 2017

Weblink: <http://iusstf.org/cms/newsimages/file/getin/Guidelines%20india%20fellowship.pdf>

FORTHCOMING DEADLINES

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

August 2017– October 2017

All queries on new grant submissions should be directed to 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/
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.

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 October, 2017

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: 31st August, 2017 (for travel after 16th October)

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

2017 travel grants for early-career researchers (eLife)

Remit: To fund early-stage researchers (postdocs and scientists) to present their work at a meeting of their choice.

Budget: \$1,000

Eligibility: 5 years research experience with a research paper (published or accepted) at eLife as author or co-author.

Deadline: 4th September, 2017 (for subject areas - Biochemistry/Biophysics and Structural Biology, Computational and systems biology, Cell & developmental Biology, Stem cells, Epidemiology, Medicine, Neuroscience), 2nd October, 2017 (for subject areas Immunology, Microbiology and infectious disease, Cancer Biology, Genomics and evolutionary biology, Ecology, Plant Biology)

Weblink: <https://elifesciences.org/elife-news/inside-elife-2017-travel-grants-early-career-researchers-now-open-applications>

Organizing Meetings/Workshops

Scientific Meetings grant (Company of Biologists)

Remit: To fund the organisation of meetings/ workshops.

Applicant eligibility: Organiser must have a PhD. No nationality or geographic restrictions, preference to events with feasible diversity in speakers in terms of geography, gender and age.

Budget: Funds for organizing meetings, support of young scientists and plenary or keynote speakers attending meetings.

Agency Deadline: 22nd August, 2017

Weblink: <http://www.biologists.com/grants/>

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 requirements.

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>

FORTHCOMING DEADLINES

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

August 2017– October 2017

All queries on new grant submissions should be directed to 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

Rolling schemes

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>

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

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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.