

JULY, 2016

FUNDING HORIZONS

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, institutional policies, 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)

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FUNDING NEWS



EMBO and Brexit

EMBO has issued a statement on 27th June 2016 regarding the impact of British withdrawal from European Union (referred to as Brexit) on different EMBO programmes.

As per this statement, Brexit will not have any direct consequences on EMBO, its funding and supervisory body, the EMBC, or the EMBO programmes.

EMBO and EMBC are intergovernmental organizations and are not formally linked to the EU; the membership of states in EMBC is independent of their membership of the EU. UK therefore continues to be eligible to host/apply for EMBO Fellowships, grants as well as courses and workshops.

The detailed statement issued can be accessed at:

<http://www.embo.org/news/articles/2016/embo-statement-on-the-vote-of-the-uk-electorate-to-leave-the-european-union>



FUNDING NEWS

Partnership for International Research & Education (PIRE) (NSF-SERB)

Science and Engineering Board (SERB) has recently entered into a partnership with National Science Foundation (NSF), USA to support their flagship international programme, PIRE (Partnership for International Research & Education) for promoting international collaborative research activities between Indian scientists and researchers in U.S. The scheme provides funding for high quality projects across all fields of science and engineering (excluding medical research) that involves high level of international engagement. The participating funding organizations (SERB and NSF) will fund their respective national researchers or institutions. The duration of a cooperative research project is for up to five years.

SERB has committed INR 250 million (INR 25 crores) over a five year period to support up to 3-5 grants from India. The nature of support includes manpower, equipment, consumables, travel, contingency and institute overheads. This scheme also encourages exchange of researchers, provided each side supports equivalent costs.

Details of the scheme can be accessed at NSF website:
[http://www.nsf.gov/funding/pgm_summ.jsp?
pims_id=505038&org=NSF&sel_org=NSFW&from=fund](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505038&org=NSF&sel_org=NSFW&from=fund)

National guidelines specific to India can also be found at the following link:
<http://www.serb.gov.in/pdfs/PIRE-Web%20Content.pdf>

The deadline for submission of preliminary proposals to this scheme is **14th September, 2016.**



AWARDED GRANTS

This section provides brief details of the recent funding successes from our campus.

We wish all the investigators well for their proposed programmes of research.

All correspondence on awarded grants should be directed to :
rdopostaward@ncbs.res.in

Apurva Sarin *Understanding the regulatory function of the TAD domain in Notch family proteins: A comparison of Notch 1 and Notch 4 signaling in mammalian cells* . SERB

Ranabir Das *Investigating the molecular mechanism of lipid transport by the RDGB protein in the Drosophila photoreceptors*. SERB

R Sowdhamini *Indo-US Advanced Bioenergy Consortium (IUABC)*. IUSSTF



Pre-screening for EMBO and HFSP postdoctoral Fellowships

Calls for the EMBO and HFSP postdoctoral Fellowships are currently open with deadlines on 12th Aug and 25th Aug respectively. As per campus norms, applications from postdoctoral colleagues to these schemes to be hosted at NCBS or inStem, require MANDATORY pre-screening by the Academic office.

The Academic office has issued call for applications for prescreening to these schemes. Expressions of interest from postdoctoral colleagues should be submitted to the Academic office in time for internal deadlines issued in these calls (18th July for EMBO Long term fellowship and 28th July for HFSP Long term/Cross disciplinary Fellowship). 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>

POLICY MATTERS

Research grants/Fellowships

Extra Mural Research Scheme (SERB)

Remit: To support scientists for undertaking research in frontier areas of S&T in Life Sciences, Physical Sciences, Chemical Sciences, Engineering Sciences, Earth & Atmospheric Sciences & Mathematical Sciences

Applicant eligibility: PhD, Regular position in Indian research institutes/ universities.

Budget: Up to Rs. 80 lakhs. Projects above Rs. 80 lakhs may be considered by the Empowered Committee on case to case basis.

Duration: 3 years

Deadline: 31st July, 2016

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

Intermediate Research fellowships (Wellcome-DBT India Alliance)

Remit: To support excellent scientists who wish to undertake high-quality research and to establish themselves as independent researchers in an academic institution in India.

Applicant eligibility: PhD, 4-7 years of post-PhD research experience

Budget: Up to Rs.3.6 crores

Duration: 5 years

Deadline: Preliminary application due by 16th Aug, 2016

Weblink: <http://www.wellcomedbt.org/fellowships/intermediate-fellowships>

Senior Research fellowships (Wellcome-DBT India Alliance)

Remit: To support outstanding researchers who have previously demonstrated the ability to lead an independent research group and wish to pursue a research career in an academic institution in India.

Applicant eligibility: PhD, 7-15 years of post-PhD research experience

Budget: Up to Rs. 4.5 crores

Duration: 5 years

Deadline: Preliminary application due by 16th Aug, 2016

Weblink: <http://www.wellcomedbt.org/fellowships/senior-fellowships>

FORTHCOMING DEADLINES

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

July 2016 - October 2016

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.*



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Research grants/Fellowships

Return home fellowships (International Brain Research Organization, IBRO)

Remit: To support researchers trained overseas in the field of neurosciences who wish to return to their country of origin or to a less developed country for personal or cultural reasons.

Applicant eligibility: Postdoctoral fellows who have finished research training in neuroscience

Budget: Up to 20,000 Euros

Deadline: 1st Sept, 2016

Weblink: <http://ibro.info/professional-development/funding-programmes/return-home-fellowships/>

Early Career Research Award (SERB)

Remit: To support young researchers in their early career for pursuing innovative research in frontier areas of science and engineering.

Applicant eligibility: Indian citizen, PhD in Science or Engineering or M.D or M.S degree in any area of medicine, within first two years of their regular service in a recognised R&D institution.

Budget: Up to Rs. 50 lakhs

Deadline: 30th Sept, 2016

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

International Collaboration

Coordinated call for BRICS multilateral projects Pilot call 2016

Remit: To support multinational, multilateral research projects on priority areas involving researchers from BRICS (Brazil, Russia, India, China and South Africa) countries.

Applicant eligibility: Should consist of partners from at least three of the BRICS countries. All applicants must fulfil their respective national eligibility rules for research grant applications

Budget: Research funding and exchange visits

Duration: 3 years

Deadline: 25th Aug, 2016.

Weblink: <http://www.dst.gov.in/sites/default/files/Final%20BRICS%20STI%20CALL%202016.pdf>

(Europe) Indo-European Innovation Joint Call for proposals in the field of Bioeconomy (INNO INDIGO Partnership Programme)

Remit: To create long-term collaboration between innovation stakeholders based in India and Europe and for potential joint market exploitation in the field of bioeconomy.

Applicant eligibility: Public and/or private entities are eligible according to their respective national/regional regulations. At least three partners of which two partners must be from two different European countries participating in the call, and one from India.

Budget: For projects supported by DBT upto Rs. 3 crores/project; for projects supported by DST upto Rs. 1.14 crores/project

Duration: 2-5 years (DBT), 3 years (DST)

Agency deadline: 31st Aug, 2016

Weblink: https://indigoprojects.eu/funding/indigo-calls/innovation_call_2016

International Exchange

(US) Indo-US R &D Joint Networked Center (IUSSTF)

Remit: To enable Indian and American scientists from academia and laboratories to carry out joint research

Applicant eligibility: Minimum of two Indian and two American separate institutional partners (2+2 partnership mode)

Budget : Unit exchange international and domestic travel support by economy class and shortest route. Local hospitality and per diem for visiting scientists (including PhD & post doc scholars) with short stays up to 2 weeks and long stays up to 6 weeks

Duration: 2 Years.

Agency deadline: 31st Aug, 2016

Weblink: <http://www.iusstf.org/story/53-19-Indo-US-R--amp-D-Joint-Networked-Center.html>

(Japan) 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, permanent appointment in a research institute, age less than 49 years

Duration: 3-6 months

Agency deadline: 31st Aug, 2016

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



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July 2016 - October 2016

Details for various fellowship schemes for funding postdoctoral researchers (and deadlines information) can be accessed at: <https://www.ncbs.res.in/rdo/sponsor-researcher>

As per campus norms, applications from postdoctoral colleagues to externally funded competitive fellowships (SERB-N-PDF, IYBA, WT/IA-ECF, EMBO, HFSP), to be hosted at NCBS or inStem, require MANDATORY pre-screening by the Academic office. The procedure for pre-screening is detailed at the following link: <https://www.ncbs.res.in/academic/postdoc-extramural>

Once the application is approved by the Academic Office, the grant submission to the agency is coordinated via the RDO.

Post-Doctoral Fellowships

Long-term fellowship (EMBO)

Remit: To support post-doctoral research visits to laboratories throughout Europe and the world.

Applicant eligibility: 0-2 years post PhD, one first author publication mandatory. Involves movement between countries. The receiving institute or the applicant's nationality must be from one of the EMBC Member or Associate States. Applicants from EMBC member or associate member states may apply for fellowship to be held in India.

Budget: Travel, stipend, dependent allowance

Duration: 2 years

Agency Deadline: 12th Aug, 2016

Weblink: <http://www.embo.org/funding-awards/fellowships/long-term-fellowships#about>

Long term Fellowship (Human Frontiers in Science Programme, HFSP)

Remit: To support candidates with Ph.D. in a biological discipline to embark on a new project in a different field of the life sciences.

Budget: Funds living, travel, research and relocation allowances

Applicant eligibility: PhD (0-3 years post PhD experience) in life sciences, at least one lead author research paper mandatory. Foreign nationals may apply for fellowship to be held in India.

Comments: Requires relocation to country other than home country

Duration: 3 years (can be split into 2 years + 1 year after 2 years break) to be used to continue work in the host laboratory, to return to their home country, or to move to another HFSP member country.

Agency deadline: 25th Aug, 2016

Weblink: <http://www.hfsp.org/funding/postdoctoral-fellowships>

Post-Doctoral Fellowships

Cross-Disciplinary Fellowship (Human Frontiers in Science Programme, HFSP)

Remit: To support candidates with Ph.D. from outside the life sciences (e.g. in physics, chemistry, mathematics, engineering or computer sciences), who have not worked in biological fields during their previous training to undertake a project in the field of life sciences

Budget: Funds living, travel, research and relocation allowances

Applicant eligibility: PhD (0-3 years post PhD experience) in field outside life sciences, at least one lead author research paper mandatory. Foreign nationals may apply for fellowship to be held in India.

Comments: Requires relocation to country other than home country.

Duration: 3 years (can be split into 2 years + 1 year after 2 years break) to be used to continue work in the host laboratory, to return to their home country, or to move to another HFSP member country.

Agency deadline: 25th Aug, 2016

Weblink: <http://www.hfsp.org/funding/postdoctoral-fellowships>

Banting Postdoctoral fellowship (CIHR, NSERC, SSHRC)

Remit: Provides funding to pursue postdoctoral research.

Applicant eligibility: PhD (<4 years post PhD). The receiving institute or the applicant's nationality must be from Canada. Canadian nationals may apply for fellowship to be held in India.

Budget: \$70,000 per year

Duration: 2 years (non-renewable)

Deadline: 21st Sept, 2016.

Weblink: http://banting.fellowships-bourses.gc.ca/en/app-dem_overview-apercu.html

SERB-National Post Doctoral Fellowship (N-PDF)

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

Applicant eligibility: Indian citizen, PhD (<2 years post 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.

Budget: Rs. 55,000/- per month (consolidated), research grant: Rs. 2,00,000/- per annum, Overheads: Rs. 1,00,000/- per annum.

Duration: 2 years (can be extended to 1 more year)

Deadline: 30th Sep, 2016

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



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Travel

Travelling Fellowships (Company of biologists)

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

Applicant eligibility: 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

Agency deadline: 31st July 2016

Weblink: <http://www.biologists.com/fellowships.html>

Travel grants (International Brain Research Organization, IBRO)

Remit: Provides support to high-quality neuroscientists from diverse geographic and scientific areas (US/Canada Region excluded), who wish to participate in international neuroscience meetings.

Applicant eligibility: Should not have obtained funding from this program within the past three years.

Budget: Up to 1,500 euros

Deadline: -

Weblink: <http://ibro.info/professional-development/funding-programmes/travel-grants/>

Organizing Meetings/Workshops

International Scientific meetings (TWAS)

Remit: To support the organizers of meetings in the following fields of natural sciences: agricultural, biological, chemical, engineering, geological and medical sciences.

Applicant eligibility: Organizers must be from developing country

Budget: up to USD 5,000

Agency deadline: 31st July, 2016

Weblink: <http://twas.org/opportunity/twas-grants-scientific-meetings-held-developing-countries>

Scientific Meetings grant (Company of Biologists)

Remit: To fund the organisation of meetings, workshops and conferences within the fields of the company's journals.

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: 14th Sep, 2016

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

Organizing Meetings/Workshops

Indo-US Bilateral Workshops/ Symposia/ Conferences (IUSSTF)

Remit: To support substantive interactions between Indian and American scientists and researchers from academia, laboratories and industry with the explicit aim to develop sustained linkages.

Applicant eligibility: Qualified scientist from all science disciplines working at Indian and American institutions.

Budget: Travel, visa fees, accommodation, events costs, other associated costs

Agency Deadline: 31st Aug, 2016

Weblink: <http://www.iusstf.org/story/53-17-Bilateral-Workshop--Symposium--Conference.html>

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>



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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 lakhs.

Duration: 5 years

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

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>

Project grants (DBT)

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

Applicant eligibility: PhD, 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://dbtpromis.nic.in/Login.aspx>

Rolling schemes

High Risk High Award (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: Ph D, Indian nationals holding a regular academic appointment in India

Budget: not defined

Duration: 3-5 years

Comments: Call is now open. Submission through online web portal of SERB

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>

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Research and Development Office

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

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NCBS Communications Office.

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

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