

FUNDING HORIZONS

JANUARY 2020



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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.

We also take this opportunity to bid farewell to a few colleagues and welcome new ones (please see page 3).

With Best Wishes,

Vineetha Raghavan (on Behalf of Team RDO)

RDO NEWS

Bidding Farewell to RDO Colleagues



Dr. DHRUBA SHARMA

Dhruba has contributed significantly towards management of the Chemical Ecology program at BLiSC.

He has now moved on as Deputy Registrar, Institute of Advanced Study in science and Technology (IASST), Guwahati, India.



Dr. JINU MATHEW VALAYIL

Jinu has contributed significantly towards management of the ADBS program at BLiSC.

She has now moved on as Research Grants Officer at Indian Institute of Science (IISc).

We wish them both success as they embark on their future career path.

Welcoming New Colleagues



Dr. ARKAMITRA VISHNU

Arkamitra now assumes responsibility for management of the Chemical Ecology program.

Arkamitra completed her PhD in Botany from the Dept. of Botany, University of Calcutta in the area of Geo-mycology, Plant fungal-interaction and Palaeoclimatology. She then did her Post Doctoral research at the CES, Indian Institute of Science (IISc) in the area of Microbial ecology, Species interaction and Molecular evolution.

Contact: arkamitrav@ncbs.res.in (Extn: 6228)



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: rdohelp@ncbs.res.in

RESEARCHER	HOST INSTITUTION	PROJECT TITLE	FUNDING AGENCY	FUNDING SCHEME	FUNDS AWARDED (in Lakhs)
Prof. Upinder S Bhalla	NCBS	2019 and 2020 Computational Approaches to Memory and Plasticity	Simons Foundation	Life Sciences-Simons Collaboration on the Global Brain Conference Grants	35.6 (50000 USD)
Prof. Gaiti Hasan	NCBS	Neuronal gene regulation by intracellular calcium signaling and Histone H3K36 methylation	DBT	Project grant	92.96
Prof. Raghu Padinjat (VAJRA Faculty: Prof. Mani Ramaswami)	NCBS	Analysing neuronal protein -Handling mechanisms in vivo	SERB	Visiting Advanced Joint Research Faculty Scheme (VAJRA)	10.92
Prof. Madan Rao	NCBS	JC Bose Fellowship	SERB	JC Bose Fellowship	30.5
Dr. Arati Ramesh (Co-PI)	NCBS	From self-reproduction to evolution in the RNA world.	HFSP	Research Grant	85.44 INR/120000 USD-1st Year (Total Project cost:2250000USD)
Prof. Satyajit Mayor (VAJRA Faculty: Prof. Ben-Zion Shilo)	NCBS	The roles of actomyosin in secretion and endocytosis	SERB	Visiting Advanced Joint Research Faculty Scheme (VAJRA)	17.92

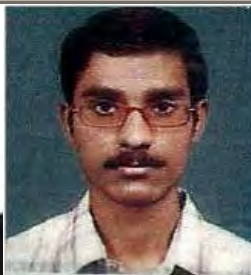


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Dr. Praveen Kumar Vemula	inStem	Fabrication of catalytic nano-fibre based facemask and clothing to prevent pesticide induced neuronal dysfunction and mortality	DBT	Project Grant	90.2
Dr. Praveen Kumar Vemula	inStem	Using mice to evaluate the efficacy of urolithins for the treatment of nonalcoholic steatohepatitis (NASH) and using <i>Caenorhabditis elegans</i> to identify molecular targets and the mode of action of urolithins	Artus Therapeutics, USA		81.8 (115000 USD)
Dr. Sabarinathan Radhakrishnan	NCBS	Unraveling the functional impact of mutations on chromatin architecture in cancers.	SERB	Ramanujan Fellowship	38
Dr. Vinoth Kumar KR (Co-PI)	NCBS	Structure determination and targeting of ubiquitously expressed membrane integrated form of chloride intracellular channels (CLICs) for discovery of small molecular anti-cancer therapeutics	DBT	Project Grant	10
Dr. Deepti Trivedi Vyas (Co-PI)	NCBS	Uncovering mechanistic roles for the post-translational modifier SUMO in early <i>Drosophila</i> development	SERB	Core Research Grant (CRG)	23.83
Dr. Sonia Sen	TIGS-CI (inStem)	Profiling of bromodomain specific interacting partners using unnatural amino acid mutagenesis	DBT	Ramalingaswamy Fellowship	42.5

AWARDED GRANTS



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

RESEARCHER	HOST INSTITUTION	PROJECT TITLE	FUNDING AGENCY	FUNDING SCHEME	FUNDS AWARDED (in Lakhs)
Dr. Asha Mary Joseph	NCBS	Translesional synthesis in bacteria: Mechanism, regulation and consequences of errorprone repair	SERB	National Postdoctoral Fellowship (N-PDF)	19.2
Dr. Lahari Yamala	NCBS	Mechanism of translational regulation by tsRNAs	SERB	National Postdoctoral Fellowship (N-PDF)	19.2
Dr. Vinoth Kumar	NCBS	Investigating The Role Of Natural Selection On Geminivirus Encoded C4/AC4 Protein And Its Functional Significance In Host-Pathogen Interactions	SERB	National Postdoctoral Fellowship (N-PDF)	19.2
Dr. Naveen Gowda	inStem	Differential methylation of ribosomal RNA and its implication on translational regulation in neurons	SERB	National Postdoctoral Fellowship (N-PDF)	19.2
Dr. Aditya Parekh	NCBS	Deciphering transcriptional heterogeneity amongst nuclei in a muscle syncytium and its implication in muscle disorders	ICMR	Research Associate	22.92

IMPORTANT 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) with deadline on **31st March, 2020**.

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.

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>

Call for the Joint NCBS-inStem-Institut Curie Program

The Academic Office has announced the next call for applications to the Joint NCBS-inStem-Institut Curie Program with deadline on **31st March, 2020**.

The Joint NCBS-inStem-Institut Curie Program aimed to provide excellent training to scientists through a structured exchange program and scientific collaborations between Institut Curie, Paris, France, and NCBS/inStem, Bangalore, is also open to accept applications from postdoctoral candidates nominated by the participating PIs whose joint projects have been shortlisted by the Academic Office. The application should be developed in close collaboration with the proposed hosts.

More details on this program can be accessed at :

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



FORTHCOMING DEADLINES

Research Grants/ Fellowships

Intermediate Fellowships in Biomedical Research (India Alliance)

Remit: To support biomedical research that is relevant to human and animal welfare.

Applicant Eligibility: 4-15 years post-PhD research experience

Budget: Salary, research expenses, upto 1 year collaborative travel, total award of Rs 3.6 crores

Duration: 5 years

Deadline: 3rd Feb, 2020

Weblink: <https://www.indiaalliance.org/fellowships/intermediate-fellowships>

Senior Fellowships in Biomedical Research (India Alliance)

Remit: To support biomedical research that is relevant to human and animal welfare.

Applicant Eligibility: 4-15 years post-PhD research experience

Budget: Salary, research expenses, total award of maximum Rs. 4.5 crores

Duration: 5 years

Deadline: 3rd Feb, 2020

Weblink: <https://www.indiaalliance.org/fellowships/senior-fellowships>

Research Grants/ Fellowships

Call for Proposals in the area of Drug Development (DBT/ BIRAC)

Remit: To support collaborative research proposals (Academia with Academia/ Industry) focused on lead optimization and preclinical testing of candidate therapeutics for communicable (Tuberculosis) and non-communicable diseases (Cardio-Vascular Diseases, Chronic Obstructive Pulmonary Diseases and Cancer)

Applicant eligibility: Scientists working in Universities/ Academic Institutions/National Laboratories/Industries (DSIR-Recognized R&D Centre) & Non-Profit Organizations.

Duration: Upto 3 years

Deadline: 29th Feb, 2020

Weblink: http://dbtindia.gov.in/sites/default/files/Final%20RFA%20on%20Drug%20development%2027.12.2019_0.pdf

Call for Proposals: Globally Accessible and Cost-Effective Novel Antibodies

Remit: To support collaborative research proposals (Academia with Academia/ Industry) focused on lead optimization and preclinical testing of candidate therapeutics for communicable (Tuberculosis) and non-communicable diseases (Cardio-Vascular Diseases, Chronic Obstructive Pulmonary Diseases and Cancer)

Applicant eligibility: Scientists working in Universities/ Academic Institutions/National Laboratories/Industries (DSIR-Recognized R&D Centre) & Non-Profit Organizations.

Budget: Funds manpower, consumables, equipment, travel, other research related costs, training costs, consultants etc.

Deadline: 29th Feb, 2020

Weblink: http://dbtindia.gov.in/sites/default/files/Request_Proposal_Novel_Antibody.pdf

FORTHCOMING DEADLINES

January 2020– April 2020

All queries on new grant submissions should be directed to rdohelp@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.

For discussions in person with a member of the RDO staff (either pre- or post-award), please book an appointment by sending an email to rdohelp@ncbs.res.in

Applicants are requested to ensure that all regulatory approvals required for sponsored research are in place. Queries in this regard should be directed to mounan@instem.res.in

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Research Grants/ Fellowships

International Climate Protection Fellowship (Alexander von Humboldt-Stiftung/Foundation)

Remit: To support young climate experts from developing countries to spend a year working with a host in Germany on a research-based project in the field of climate protection and climate-related resource conservation

Applicant Eligibility: Researcher from a non-European transition or developing country active in following priority areas: scientific, engineering-based, legal, economic, health-related or social aspects of climate change

Budget: Fellowship of €2,170 - €2,670, additional financial support including support for family members accompanying you, travel expenses or a German language course, extensive alumni sponsorship, particularly to help you sustain contact with collaborative partners in Germany during your entire professional career

Duration: 1 year

Deadline: 1st March, 2020

Weblink: <http://www.humboldt-foundation.de/web/icf.html>

Start-up Research Grant (SRG) (SERB)

Remit: To support researchers working in frontier areas of science and engineering to initiate their research career in a new institution.

Applicant eligibility: PhD, Regular position in Indian research institutes/universities, should apply within two years of joining the institution, Age limit < 42 years.

Budget: Research grant of upto Rs. 30 lakhs. Grant will cover equipment, manpower, consumables, travel and contingency apart from overheads.

Duration: 2 years

Deadline: 2nd March, 2020

Weblink: https://www.serbonline.in/SERB/srg_instructions?HomePage=New

Research Grants/ Fellowships

Core Research Grant (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: Funds equipment, manpower, consumables, travel and contingency.

Duration: 3 years

Deadline: 9th March, 2020

Weblink: [https://www.serbonline.in/SERB/emr?](https://www.serbonline.in/SERB/emr?HomePage=New)

[HomePage=New](#)

Comment: SERB has recently launched a new research vertical/Program Advisory Committee (PAC) - “[Exponential Technologies](#)” to support outstanding transdisciplinary collaborative projects. This PAC will accept proposals under Core Research Grant submission.

Scientific and Useful Profound Research Advancement (SUPRA) (SERB)

Remit: To support scientists in undertaking and exploring new scientific breakthroughs, with long-term impact on our fundamental scientific understanding, and offer disruptive technologies at the cutting edge.

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

Budget: Funds equipment, manpower, consumables, travel and contingency.

Duration: 3 years (extendable by 2 years).

Deadline: 1st April, 2020

Weblink: <https://www.serbonline.in/SERB/Supra>

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International Collaboration

Indo-Hungarian Joint Research Call For Proposals (DST/ NRDIO, Hungary)

Remit: To support collaborative research proposals between scientists in India and Hungary on projects related to thematic areas including Biotechnology, agriculture and food industry, information and communication technologies, Renewable energy, Water management and water cleaning.

Applicant eligibility: Principal and Joint Collaborators have to hold a permanent position as scientists/Faculty members in universities/ academic institutes.

Budget: Support costs for Travel (including living cost/per-diem), manpower, consumables.

Duration: Upto 3 years

Deadline: 11th March, 2020

Weblink: <https://dst.gov.in/sites/default/files/India-Hungary%20CFP%202019%20Guidelines.pdf>

ASEAN-India Collaborative R&D Scheme (DST/AISTDF)

Remit: To promote ASEAN-India cooperation in science, technology and innovation, including through joint research activity, and development on cross-sectoral areas such as health, communicable and emerging infectious diseases, environmental management, climate change adaptation and mitigation measures, agricultural technologies, alternative energy, biodiversity, food processing, advanced materials for development of value-added products, and space technology and applications

Applicant eligibility: Applicants must have an appointment as a regular faculty member at any eligible Indian/ASEAN MS institution.

Budget: Funding includes costs to support mobility of researchers from India to partnering ASEAN MS and vice versa, minor components/ accessories to existing equipment, chemicals and consumables (up to Rs 0.5 Million per year) and manpower.

Duration: Upto 3 years

Deadline: 1st April, 2020 to 30th Sep, 2020.

Weblink: <https://aistic.gov.in/ASEAN/aistdfCollaborative>

International Collaboration

6th India-Spain Joint Call For Technological Co-Operation In Biotechnology 2019 (DBT/CDTI)

Remit: To support collaborative research proposals between scientists in India and Spain on projects related to all areas of Biotechnology e.g. health biotechnology, industrial biotechnology, nano-biotechnology, agro-biotechnology, including biofuels, bioenergy, bioinformatics and biomedical engineering.

Applicant eligibility: The Indian side of the consortium can either be led by a company or a research institution. Spanish consortia should include at least one company. Research institutes/universities and other organizations can participate as self-funded participants or subcontractors.

Budget: Support costs for manpower, consumables, equipment, travel (international and domestic), contingency, outsourcing and other costs.

Duration: 1-3 years

Deadline: 27th March, 2020

Weblink: http://dbtindia.gov.in/sites/default/files/Indo-Spanish%20CFP%202019-2020_0.pdf

Postdoctoral 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, at least one first author publication mandatory. All fellowships must involve 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

Deadline: Applications open throughout the year.

Comments: Two annual evaluations: Second Friday of February and August.

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

FORTHCOMING DEADLINES

January 2020– April 2020

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Applicants are requested to ensure that all regulatory approvals required for sponsored research are in place. Queries in this regard should be directed to mounan@instem.res.in

Postdoctoral Fellowships

National Postdoctoral 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.

Comment: The requirement for the applicant to have obtained PhD not before 2 years from the date of application has been removed. This revised eligibility criterion is effective from this call onwards.

Budget: Rs. 55,000/- per month (with HRA), Research grant: Rs. 2,00,000/- per annum

Duration: 2 years

Deadline: 13th April, 2020

Weblink: <https://www.serbonline.in/SERB/npdf?HomePage=New>

Comment: Pre-screening by the Academic Office is mandatory for this grant. The call for pre-screening (with the internal deadlines) will be shortly announced by the Academic Office.

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.

Deadline: 6 March, 2020 (for travel after 20 April 2020)

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

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Applicants are requested to ensure that all regulatory approvals required for sponsored research are in place. Queries in this regard should be directed to mounan@instem.res.in

Travel

Raman-Charpak Fellowship (CEFIPRA, France)

Remit: To facilitate the exchange of Phd students between the India and France.

Applicant eligibility: Indian citizen, registered for a PhD in a recognized university or research institution in India. Age limit < 30 years.

Budget: Fellowship Support of 1500 Euros per month for daily expenses, local travel, accommodation charges plus Social Security charges.

Duration: 2 to 6 Months

Deadline: To be launched in April/May, 2020

Weblink: http://cefipra.org/Raman_Charpak.aspx

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 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.

Deadline: 19 March, 2020

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

Rolling Schemes

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: <https://www.gci.cam.ac.uk/funding/responsive-calls/hamied-visiting-fellowship>

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 (eProMIS) of DBT

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



RESEARCH DEVELOPMENT OFFICE

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

Newsletter Designed by : Malini S Pillai

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For comments, suggestions and queries on the newsletter, please contact Vineetha Raghavan.