



*Fundraising, award
management, News
& communications*

WELCOME NOTE

Dear colleague,

Another year has gone by and it is time to usher in new possibilities and opportunities.

We are very happy to report that the Jamsetji Tata Trust have recently agreed to support the Masters program in Wildlife Biology and Conservation. We hope this will provide much needed long-term support for the program look forward to working with the Tata

Trust over this award.

We have also been looking at new ways of reporting news from the campus- both for our science and science-related matters. Do send us your feedback on the online news coverage for NCBS and inStem. As before, your support will be invaluable in helping us tailor our news to what is interesting and relevant to the campus.

As before, this edition of the

Newsletter has a list of awarded grants, forthcoming grant submission deadlines and news highlights.

With best wishes for an incredible 2015,

Savita Ayyar

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Page 7: News highlights

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



Ajith kumar (*and colleagues*) **M.Sc programme in Wildlife Biology and conservation** Jamsetji Tata Trust Rs.160.76 lakhs

Colin Jamora *and colleague* **Wound healing and fibroblast ageing**
L'Oreal Collaborative research grant Rs.233.86 lakhs

Deepa Agashe **Evolutionary consequences of altering tRNA gene copy number** CSIR Rs.22.12 lakhs

Deepa Agashe (*and colleague*) **Functional characterization of gut microbial communities and their fitness effects during dietary switches in butterflies** ICGEB 45000 Euro

Ishita Sengupta (*Jayant Udgaonkar's lab*) **Probing the aggregation kinetics and conformational changes during the conversion of native mouse prion protein 23-231 to workm-ike fibrils using a spectroscopic approach** DBT under IYBA Rs. 53.21 lakhs

Mahesh Sankaran **Carbon flux measurements in island rainforest ecosystems** UGC under UGC-UKIERI Thematic Partnership 2013 Rs.10.64 lakhs

Raghu Padinjat **Regulation of Drosophila larval growth and TOR signaling a novel phosphoinositide kinase** DBT Rs.62.51 lakhs

Research grants/Fellowships



FORTHCOMING DEADLINES

<http://www.ncbs.res.in/rdo/forthcoming-deadlines>

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.

Brain initiative: New Technologies and Novel Approaches for Large-Scale Recording and Modulation in the Nervous System (NIH)

Remit: For large scale analysis of neural systems and circuits by integrating experimental and analytic capabilities.

Eligibility: Scientists with regular positions based at non-US entity are eligible to apply.

Budget: Approximately \$500,000-\$600,000 per year.

Duration: 3 years

Agency deadline: 10th Jan, 2015 (letter of intent)

Weblink: <http://grants.nih.gov/grants/guide/rfa-files/RFA-NS-15-003.html>

BRAIN Initiative: Planning for Next Generation Human Brain Imaging (NIH)

Remit: To support planning activities and the initial stages of development of next generation brain imaging technologies and methods that advances in our understanding of the human brain.

Eligibility: Scientists with regular positions based at non-US entity are eligible to apply.

Budget: Approximately \$3.2 m for 6-8 awards of 3 years duration each

Agency deadline: 18th Jan, 2015 (letter of intent)

Weblink: <http://grants.nih.gov/grants/guide/rfa-files/RFA-MH-15-200.html>

IFS Individual Research Grant (International Foundation for Science, IFS)

Remit: To support excellent individuals and collaborative research, to build capability of early-career scientists in the developing world, and to contribute innovation to the sustainable management of biological and water resources.

Applicant eligibility: Citizen of a developing country with minimum Master's level education, less than 40 years of age and with a regular employment at a research institute. Project needs to be based in a developing country (India Eligible).

Budget: USD 12000 for purchase of equipment, expendable supplies, and literature - and to arrange fieldwork activities related to the proposed project

Duration: 1-3 years (maybe renewed up to 3 times)

Agency Deadline: Submission deadline is 31st Dec 2014.

Weblink: <http://www.ifs.se/ifs-programme/individual-research-approach/>

International Climate protection Fellowships (Alexander Humboldt Foundation- Germany)

Remit: For Junior group leaders and post docs to work in a German lab of own choice.

Applicant eligibility: Min Master's level education, first degree less than 12 years ago, practical experience in climate protection/ nature conservation, with leadership potential

Budget: 2150-2750 EUR, mobility allowance and subsidy towards medical and liability insurance

Duration: 1 year

Agency deadline: 15th Mar, 2015

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

Lady Tata Memorial Trust-Young researcher award

Remit: For young Indian scientists with outstanding track record in biological sciences to find innovative solutions to major problems related to human diseases.

Applicant eligibility: For Indian Nationals, residing in India, below the **age of 40 years as on 31st March 2015**. Ph.D. in any Biological Science or a Masters degree in Medical Sciences, or an equivalent degree in Biotechnology related areas with at least 4 years of professional experience. Must have a regular position at University / Organization or Institute.

Budget: Award of Rs. 25, 000/- per month in addition to regular salary from the host institute along with a contingency grant of Rs. 5.00 lakhs per annum for meeting the expenses on consumables, minor equipment, international and domestic travel, manpower and other contingent expenditure

Duration: Three years, extendable further by two years

Agency deadline: 15th Jan, 2015

Web link: <http://www.ladytatatrust.org/StaticPageIndia/Awards/8>

(PEER) Partnership for enhanced engagement in Research (USAID/NSF)

Remit: For collaborative projects between India and US on research topics of importance to USAID and NSF including but not limited to food security, climate change, global health issues and other developmental issues

Applicant eligibility: PIs in developing countries collaborating with a PI in US having a NSF grant active for the duration of the award.

Budget: Direct costs of \$30000-\$60000 per year, in exceptional cases awards can be made upto \$110,000 per year

Duration: 1-3 years

Agency deadline: 9th Jan, 2015

Weblink: http://sites.nationalacademies.org/PGA/PEER/PGA_147200

Tata Innovation Fellowship (DBT)

Remit: To support scientists with outstanding track record working on innovative and translational solutions to problems in healthcare, agriculture and areas related to life sciences and biotechnology.

Applicant eligibility: Ph.D. in Life Sciences, Agriculture, Veterinary Science or a Master's degree in Medical Sciences, Engineering or an equivalent degree in Biotechnology / related areas. Age below 55yrs as on 22nd Nov 2014. The candidate must have a permanent position at Institute /University.

Comment: For Indian nationals who have spent at least 5 yrs in India before submitting the application.

Budget: Fellowship of Rs. 25000/- per month in addition to the regular salary along with contingency of Rs. 6 lakhs per annum for consumables, equipment, international and domestic travel, and manpower.

Duration: 3 years, extendable further by 2 years.

Agency deadline: 31st Dec, 2014

Weblink: http://dbtindia.nic.in/wp-content/uploads/Guidelines_Tata_2014.pdf

2014 Scholar Awards in Complex Systems Science (James McDonnell Foundation -USA)

Remit: To support research directed toward the development of theoretical and mathematical tools that can be applied to the study of complex, adaptive, nonlinear systems.

Applicant eligibility: 5-15 years post PhD with a regular position in a non-profit research institution. No nationality restrictions.

Budget: Flexible funding of \$450,000

Duration: 3-6 years

Agency deadline: 11th Mar, 2015

Weblink: <http://www.jsmf.org/apply/scholar-cs/index.htm>

International Collaboration

(Austria) Indo-Austria Joint call 2015(DST-FWF)

Remit: To support joint proposal on applied mathematics, pure mathematics computer sciences organic and inorganic chemistry earth sciences.

Applicant eligibility: Researchers/ scientists/ faculty from recognized universities, deemed universities, public funded research institutes/laboratories.

Budget: Personnel costs for project co-workers (PhD students, Post Docs etc.), minor equipment/ accessories, material costs, and mobility / travel costs, etc.

Duration: 3 years

Agency deadline: 31 March 2015

Weblink: http://dst.gov.in/whats_new/whats_new14/COP_DST-FWF.pdf



FORTHCOMING DEADLINES

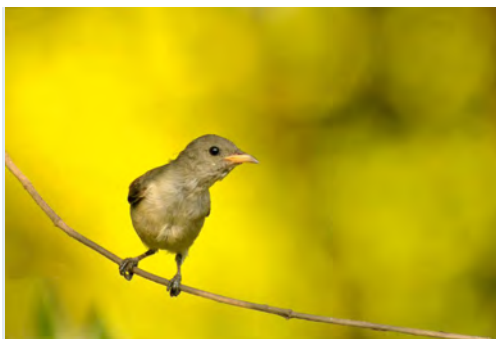
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(France): Indo-French Collaborative research on High Impact Scientific Research Network Programme (IFCPAR)

Remit: To Promote Indo- French collaboration with a special emphasis on nano-science, Metabolic disorders and infectious diseases.

Applicant eligibility: PhD, permanent appointment in a research institute

Budget: Travel, DA for visiting scientist, marginal costs of project including equipment, personnel (only postdocs or PhD students)

Duration: 3 years

Agency deadline: 15th Feb, 2015

Weblink: http://www.cefipra.org/pdf/High_Impact_Scientific_Research.pdf

(International): Human Frontier in Science Program -Young Investigator's grants (HFSP)

Remit: To seed collaboration between researchers preferably from different disciplines (e.g. from chemistry, physics, computer science, engineering) to focus on problems in the life sciences.

Comments: India eligible

Applicant eligibility: Junior Independent PI, within 5 years of obtaining an independent position, no more than 10 years post-PhD experience

Budget: \$450,000 per year per team.

Duration: 3 years

Agency deadline: Online registration deadline 19th Mar, 2015; Submission of Letter of Intent by 31st Mar, 2015.

Weblink: <http://www.hfsp.org/funding/research-grants/information-and-guidelines>

(International): Human Frontier in Science Program-Program Grant (HFSP)

Remit: For team of independent researchers at any stage of their careers to develop new direction in life science.

Comments: India eligible

Applicant eligibility: Independent PI

Budget: \$450,000 per year per team.

Duration: 3 years

Agency deadline: ; Online registration deadline 19th Mar, 2015 Submission of Letter of Intent by 31st Mar, 2015.

Weblink: <http://www.hfsp.org/funding/research-grants/information-and-guidelines>

(Taiwan): India-Taiwan programme of cooperation in science & technology (DST-MOST)

Remit: Mobility grant for collaborative project on healthcare including functional genomics, drug development & biomedical devices, earth & ocean science, digital technologies, agriculture and food science.

Applicant eligibility: Scientists, engineers, faculty, young researchers from academic institutions as well as private companies in India and Taiwan.

Budget: Travel & accommodation for exchange visits, incremental funding for manpower, consumables and minor equipments.

Agency deadline: 31st Dec, 2014

Weblink: http://gita.org.in/funding_India-Taiwan.html

FORTHCOMING DEADLINES

<http://www.ncbs.res.in/rdo/forthcoming-deadlines>

International Exchange

Hamied Visiting Fellowship (Cambridge-India)

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

Applicant eligibility: Academics at Indian universities with an existing academic relationship with colleagues at the University of Cambridge or vice versa

Budget: Travel, transfers and accommodation.

Duration: 1-2 weeks

Agency Deadline: no deadline

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

India - Israel initiative for industrial R&D (i4RD) programme (GITA-MATIMOP)

Remit: To support challenging, collaborative and industry-led R&D Projects between India and Israel, leading to commercialization in the areas such as affordable Healthcare, agro sector and information & communication technology (ICT).

Applicant eligibility: Researchers/managers of profitable companies operating in India. Academic institute can also participate as co-investigators.

Duration: 18-24 months

Budget: Maximum of INR 15 million (150 lakhs) per project.

Agency Deadline: February 27, 2015 (17:30 hrs IST in India).

Weblink: http://gita.org.in/funding_India-Israel.html

International Exchange scheme (Royal Society, UK)

Remit: To stimulate collaboration with scientist of UK.

Applicant eligibility: Ph.D. and must hold a permanent or fixed-term contract in an eligible university or research institute, which must span the duration of the project.

Budget: £3000-£12,000 with max. £1000-£2000 research expenses depending on duration of travel

Duration: upto 3 months, 1 year or 2 years

Agency deadline: 10th Feb, 2015

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

Yamagiwa-Yoshida Memorial international study grants (Union for international cancer control, UICC)

Remit: To enable cancer investigators from any country to carry out bilateral research projects abroad which exploit complementary materials or skills, including advanced training in experimental methods or special techniques.

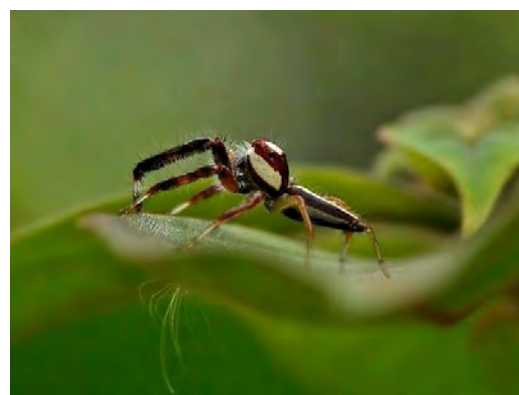
Budget: USD 10000

Applicant eligibility: PhD/MD with min 2 years pos doctoral experience

Duration: 3 months

Agency deadline: 15th Jan and 1st July

Weblink: <http://www.uicc.org/programmes/geti/our-activities/study-grants>



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Post-Doctoral Fellowship



NEWS HIGHLIGHTS THIS QUARTER

Meet the team: Electrical

<http://news.ncbs.res.in/story/meet-team>

To be or not to be afraid

<http://news.ncbs.res.in/story/be-or-not-be-afraid>

Searching seeing at NCBS

<http://news.ncbs.res.in/story/searching-seeing-ncbs>

NCBS, inStem and University of Wurzburg renew MoU

<http://news.ncbs.res.in/story/ncbs-instem-and-university-w%C3%BCrzburg-renew-mou>

International meeting on Neuromodulation of Behaviour

<http://news.ncbs.res.in/story/international-meeting-neuromodulation-behaviour>

Union Minister of Science & Technology visits campus

<http://news.ncbs.res.in/story/union-minister-science-technology-visits-campus>

Jane Coffin Childs Postdoctoral fellowship

Remit: To support research in the field of causes, origin and treatment of cancer in the US.

Applicant eligibility: The applicant should not have more than one year of postdoctoral experience. No nationality restriction but awards will be made only for study in the United States.

Budget: Stipend and expense allowance

Duration: 3 years

Agency deadline: 2nd Feb, 2015

Weblink: <http://www.jccfund.org/fellowship-information>

Branco Weiss Fellowship- Swiss Federal Institute of Technology Zurich (ETH)

Remit: Postdoctoral fellowship in the field of science, engineering and social studies to pursue research anywhere in the world.

Applicant eligibility: Fresh PhD or early stage Post docs. No nationality restrictions.

Budget: 100,000 CHF/per year to cover all legitimate cost of research i.e. salary, equipments, travel cost, consumables and personnel.

Duration: 5years

Agency Deadline: 15th Jan, 2015

Weblink: <http://www.society-in-science.org/eligibility.html>

Lady Tata Memorial Trust-Post doctoral award

Remit: To support Indian nationals from Universities / Institutes / Laboratories with first class academics (60% and above) from Class X up to date for conducting scientific investigations having a bearing directly or indirectly on the alleviation of human suffering from disease.

Applicant eligibility: Ph.D. in Science or to an M.D./M.S./MDS degree holder with two years' research experience. Age limit 35 years

Budget: 36000 per month salary incentive, annual contingency of 30,000 per annum for research, international and national travel.

Duration: 2 years

Agency deadline: 15th Jan, 2015

Weblink: <http://www.ladytatatrust.org/StaticPageIndia/Awards/6>

Long-term fellowship (EMBO)

Remit: The EMBO Long-Term Fellowships are awarded for a period of up to two years and 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 States.

Budget: Travel, stipend, dependent allowance

Duration: 2 years

Agency Deadline: 13th Feb 2015

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

Travel

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 Dec, 2014

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

Image credits: Prasenjeet Yadav and Archana Shetty (from KS Krishnan's shell collection)

For any comments, suggestions and queries on this newsletter, please contact

Savita Ayyar

