Department of Biotechnology
Government of India

India-U.S. Collaborative Vision Research Program Funding Opportunity Announcement-2021

National Eye Institute

Part 1. Overview Information

Participating Organization(s)	Department of Biotechnology & NEI-NIH
Funding Opportunity Title	India-U.S. Collaborative Vision Research Program (R01 Clinical Trial Not Allowed)
Activity Code	R01 Research Project Grant (for DBT)
Funding Opportunity Purpose	This Funding Opportunity Announcement (FOA) encourages Multiple Principal Investigator (Multi-PD/PI) applications from United States (U.S.) and Indian institution as bilateral collaborations that will advance science and technology important to understanding, preventing, and treating blinding eye diseases, visual disorders, and their complications. Areas of Research Collaboration: Applications are encouraged from organization/institutions that propose to conduct research on the basic biology and/or genetics of ophthalmic diseases through collaborations with Indian investigators on the following: diabetic retinopathy, glaucoma, age-related macular degeneration, retinitis pigmentosa, including rare and genetic diseases such as congenital cataracts, as well as other eye conditions such as ocular inflammation/uveitis, refractive error, low vision, and corneal injury. Basic, translational, or epidemiological research maybe proposed. Clinical trials will not be supported under this FOA.
Open Date (Earliest Submission Date)	**October 08, 2021**
Application Due Date(s) for submission to DBT	**November 08, 2021 by 5:00 pm local time.**
NIH weblink for application form	**https://grants.nih.gov/grants/guide/pa-files/PAR-21-249.html**

Background

Scientific collaborations between India and the U.S. have been successfully conducted for several years under a variety of bilateral agreements. Recognizing that continuing collaborative research focused on eye diseases and visual disorders would be of mutual benefit to India and the U.S.,

the Indian Department of Biotechnology (DBT), the U.S. National Eye Institute (NEI), and a Joint Working Group (JWG) developed a strategic plan for collaborations and to facilitate the expedited review and clearance of proposed bilateral projects. Both the DBT and the NEI have pledged funds to support joint activities pursued under this bilateral program.

Several eye diseases such as diabetic retinopathy, Acute Macular Degeneration (AMD), and glaucoma are complex and influenced by multiple genetic, epigenetic, and environmental factors including family, nutrition, and exposure to toxins. During the past decade progress has been made identifying these factors. In AMD, for example, environmental factors include smoking and sunlight have been shown to increase risk, and a diet rich in fatty acids has been shown to decrease risk. There are likely other unknown factors that are involved in precipitating AMD and other ocular diseases. Large scale genomic, proteomic, metabolomic, and informatic methods using emergent or current technologies to study unique populations are encouraged to identify new factors that can affect susceptibility to these diseases and/or ocular infections, as well as biomarkers that will provide the basis for accurate diagnostic test and predict treatment outcome.

There are also many eye conditions and complications such as inflammation that affect some intracommunity populations to a much greater extent, providing a valuable resource for learning more about visual restoration as well as the pathogenesis and physiology of a disorder. For instance, the impact of environmental pollutants, including those generated by cooking stoves, on the development of cataracts, as well as the susceptibility of toxins to cause infections, such as ocular TB and trachoma, are not well understood. Research on these populations that will further our understanding of neural plasticity including neurogenesis, cognition, and processing after treatment of visual disorders and injury are also of interest to the DBT and NEI.

Research Objectives

This FOA is intended to support collaborations between India and the U.S. that focus on the basic biology, epigenetic, and/or genetics of ophthalmic diseases and visual disorders.

Applications may include, but are not limited to collaborations addressing the following areas:

- Family based genome wide association studies (GWAS) on available cohorts from India to identify genetic variants that predispose to both Mendelian and complex forms of eye disease;
- Validation of novel GWAS findings in appropriate animal models;
- Identification of biomarkers that predict and/or assess risk and response to interventions;
- Study of environment on factors that predict risk of eye diseases such as imprinting and other epigenetic effects;
- Studies to determine the underlying biology of ocular diseases including, AMD, diabetic retinopathy, glaucoma, retinitis pigmentosa, cataracts, myopia and presbyopia;
- Studies focusing on the basic science of neuroplasticity of vision including perceptual learning and adaptation after eye injury;
- Studies of the mechanisms through which environmental pollutants/toxins contribute to ocular diseases and their complications including infection and inflammation;
- Identification of factors that influence the success of corneal transplantation and recovery after surgery.

Collaborations

The FOA requires that the collaboration between the Indian and U.S. research teams be submitted as a Multiple Principle Investigator (Multi-PD/PI) application with both of the lead scientists from each country as the PI. Applications may be derived from existing collaborations

with an established history of interaction, or from new partnerships developed in response to this FOA. The collaboration must be based on interactive relationships that maximize the expertise of the individual Indian and U.S. research teams.

Indian and U.S. collaborating investigators should work together to develop and submit an application to National Institutes of Health (NIH) in response to this FOA. In addition to a detailed research plan, the proposal must include a leadership plan that describes the roles, responsibilities, and working relationship of the Program Directors / Principal Investigators (PD(s)/PI(s)), as well as information about performance sites, the proposed work to be accomplished at each site, and a complete budget for the collaboration. Only those applications that are determined to be meritorious will be considered for joint funding and will be supported by the DBT and NIH under this program. The DBT will provide funds for the Indian component and NIH will fund the US component.

The NIH Research Project Grant will directly support salaries of U.S. personnel and research activities within the U.S. Indian award will fund the Indian component and will support research activities within India, salaries of Indian research personnel, and other research cost. All research in India will be conducted in accordance with both Government of India and U.S. regulations for the protection of human subjects. For submission of application to NIH refer to detailed FOA at the link.

NIH grants policies as described in the NIH Grants Policy Statement will apply to the applications submitted and awards made from this FOA.

1. Eligibility

India - Entities eligible to participate:

- Government of India supported or recognised (Public or Private) academia; research organisations.
- Government of India recognised not-for-profit, NGO(s)/ Voluntary Organization(s)(VOs)/ Trust(s)/ Research foundations, having research as one of the imperative mandates.

U.S - Entities eligible to participate:

- Any natural or legal person /entity (e.g. any company, big or small, research organisations, universities, non-governmental organisations, etc.) regardless of their place of residence or establishment in U.S.
- They must possess the operational and financial viability to carry out the research tasks that they propose.

Required Registrations

Applicant organizations must complete and maintain several registrations as described in the NIH SF 424 (R&R) Application Guide to be eligible to apply for or receive an award. All registrations must be completed prior to the US application being submitted. **Registration can take 6 weeks or more, so applicant organizations should begin the registration process as soon as possible**. In addition, all PD(s)/PI(s) must have an NIH eRA Commons account. PD(s)/PI(s) should work with their organizational officials to either create a new account or to affiliate their existing account with the applicant organization in eRA Commons. The processes and timelines for applicant organization and PD/PI registrations are detailed at: https://grants.nih.gov/grants/how-to-apply-application-guide/prepare-to-apply-and-register/register.htm.

- Dun and Bradstreet Universal Numbering System (DUNS) - All registrations require that applicants be issued a DUNS number. After obtaining a DUNS number, applicants can begin both SAM and eRA Commons registrations. The same DUNS number must be used for all registrations, as well as on the grant application.

- System for Award Management (SAM) (formerly CCR) – Applicants must complete and maintain an active registration, which requires renewal at least annually. The renewal process may require as much time as the initial registration. SAM registration includes the assignment of a Commercial and Government Entity (CAGE) Code for domestic organizations which have not already been assigned a CAGE Code.

    - NATO Commercial and Government Entity (NCAGE) Code – Foreign organizations must obtain an NCAGE code (in lieu of a CAGE code) in order to register in SAM.

- eRA Commons - Applicants must have an active DUNS number and SAM registration in order to complete the eRA Commons registration. Organizations can register with the eRA Commons as they are working through their SAM or Grants.gov registration. eRA Commons requires organizations to identify at least one Signing Official (SO) and at least one Program Director/Principal Investigator (PD/PI) account in order to submit an application.

- Grants.gov – Applicants must have an active DUNS number and SAM registration in order to complete the Grants.gov registration.

Program Directors/Principal Investigators (PD(s)/PI(s)

All PD(s)/PI(s) must have an eRA Commons account. PD(s)/PI(s) should work with their organizational officials to either create a new account or to affiliate their existing account with the applicant organization in eRA Commons. If the PD/PI is also the organizational Signing Official, they must have two distinct eRA Commons accounts, one for each role. **Obtaining an eRA Commons account can take up to 2 weeks.**

Eligible Individuals (Program Director (PD) /Principal Investigator (PI)

Any individual(s) with the skills, knowledge, and resources necessary to carry out the proposed research as the (PD(s)/PI(s))is invited to work with his/her organization to develop an application for support. Individuals from underrepresented racial and ethnic groups as well as individuals with disabilities are always encouraged to apply for NIH support.

For institutions/organizations proposing multiple PDs/PIs, visit the Multiple Program Director/Principal Investigator Policy and submission details in the Senior/Key Person Profile (Expanded) Component of the SF424 (R&R) Application Guide.

Additional Information on Eligibility

Applicant organizations may submit more than one application, provided that each application is scientifically distinct.

TheDBT& NIHwill not accept duplicate or highly overlapping applications under review at the same time.

2.Application and Submission Information

Each application needs to be submitted to both DBT & NIH

Requesting an Application Package

Buttons to access the online ASSIST system or to download application forms are available in Part 1 of this FOA. See your administrative office for instructions if you plan to use an institutional system-to-system solution.

Content and Form of Application Submission

The Indian and US participants should formulate a joint proposal according to the requirements and templates provided by the NIH.It is critical that applicants follow the instructions in the Research (R) Instructions in the SF424 (R&R) Application Guide except where instructed in this funding opportunity announcement to do otherwise. Conformance to the requirements in the Application Guide is required and strictly enforced. Applications that are out of compliance with these instructions may be delayed or not accepted for review.

For information on Application Submission and Receipt, visit Frequently Asked Questions – Application Guide, Electronic Submission of Grant Applications

Page Limitations

All page limitations described in the SF424 Application Guide and the Table of Page Limits must be followed

Instructions for Application Submission

The following section supplements the instructions found in the SF424 (R&R) Application Guide and should be used for preparing an application to this FOA.

SF424(R&R) Cover

All instructions in the SF424 (R&R) Application Guide must be followed.

SF424(R&R) Project/Performance Site Locations

All instructions in the SF424 (R&R) Application Guide must be followed.

SF424(R&R) Other Project Information

All instructions in the SF424 (R&R) Application Guide must be followed.

Other Attachments: Applications are required to include a Collaborative Strategy. The Collaborative Strategy should include a description of how the proposed collaboration will be maintained throughout the duration of the award. The following areas should be addressed:

- Organizational structure
- Management plan detailing how existing resources will be utilized
- Planned interaction and responsibilities of key personnel

- Description of how research teams will communicate (e.g., video/teleconference, web meeting)
- Plans for making decisions and procedures for resolving conflicts
- Available resources (e.g. patient samples, data, and reagents) and details of how these resources will be shared as appropriate.
- How the collaboration brings complementary or unique expertise to the project that will enhance the research and stimulates collaborative basic, translational, or applied research between Indian researchersand U.S.-based researchers.

Provide the information as a single PDF file with the name “Collaboration.pdf.”

SF424(R&R) Senior/Key Person Profile

All instructions in the SF424 (R&R) Application Guide must be followed.

R&R Modular Budget

All instructions in the SF424 (R&R) Application Guide must be followed.

R&R Subaward Budget

All instructions in the SF424 (R&R) Application Guide must be followed.

PHS 398 Cover Page Supplement

All instructions in the SF424 (R&R) Application Guide must be followed.

PHS 398 Research Plan

All instructions in the SF424 (R&R) Application Guide must be followed, with the following additional instructions:

Letters of Support: Applicants must include a Letter of Support co-written and co-signed by the PD(s)/PI(s) of the NIH application and the Indian collaborating partner and co-signed by the authorizing institutional officials confirming the new or existing collaboration and confirming that the U.S. awardee organization will provide a copy of the NIH submitted application to the DBT through their Indian collaborating partner.

Resource Sharing Plan: Individuals are required to comply with the instructions for the Resource Sharing Plans as provided in the SF424 (R&R) Application Guide.

The following modifications also apply:

- All applications, regardless of the amount of direct costs requested for any one year, should address a Data Sharing Plan.

Appendix:

Only limited Appendix materials are allowed. Follow all instructions for the Appendix as described in the SF424 (R&R) Application Guide.

PHS Human Subjects and Clinical Trials Information

When involving NIH-defined human subjects research, clinical research, and/or clinical trials (and when applicable, clinical trials research experience) follow all instructions for the PHS Human Subjects and Clinical Trials Information form in the SF424 (R&R) Application Guide, with the following additional instructions:

If you answered "Yes" to the question "Are Human Subjects Involved?" on the R&R Other Project Information form, you must include at least one human subjects study record using the **Study Record: PHS Human Subjects and Clinical Trials Information** form or **Delayed Onset Study** record.

Study Record: PHS Human Subjects and Clinical Trials Information

All instructions in the SF424 (R&R) Application Guide must be followed with the following additional instructions.

THE COMPLETE ALLPICATION PACKAGE SHOULD BE SUBMITTED TO DBT (AS PDF DOCUMENT) PRIOR TO CLOSURE OF THE CALL. IN CASE OF NON-SUBMISSION TO DBT THE PROPOSAL WILL NOT BE CONSIDERED FOR FURTHER PROCESSING.

3. Funding

All NIH awards are subject to the terms and conditions, cost principles, and other considerations described in the NIH Grants Policy Statement.

Pre-award costs are allowable only as described in the NIH Grants Policy Statement

Preparation of Budget

The "Project Coordinator" must ensure that the financial budget in the joint proposal to the US is presented in DOLLAR ($), while the Indian PI" must ensure that the proposal submitted to DBT is presented in Indian Rupees (₹).

Budget should be commensurate with the workload, objectives of the project and cost of participation.

Eligible costs for Indian funding are: Capital expenditure (Equipments) || Manpower || Consumables || Travel (local and international travel) || Contingency || Overheads || as per DBT format)

Non allowable cost from DBT:

- Civil Construction costs
- Prosecution/litigation costs
- Salary of investigators

4. Other Submission Requirements and Information

Applications must be submitted electronically following the instructions described in the SF424 (R&R) Application Guide. Paper applications will not be accepted.

Applicants must complete all required registrations before the application due date. Section 1. Eligibility Information contains information about registration.

For assistance with your electronic application or for more information on the electronic submission process, visit Applying Electronically. If you encounter a system issue beyond your control that threatens your ability to complete the submission process on-time, you must follow the Guidelines for Applicants Experiencing System Issues. For assistance with application submission, contact the Application Submission Contacts in Section VII.

A consolidated PDF document of the Complete application package along with the duly filled application (on the Indian side) as per 'DBT format for R&D Proposal Submission' (Annexure A), should be submitted to DBT at E-mail: jyoti.logani@nic.in

Important reminders:

All PD(s)/PI(s) must include their eRA Commons ID in the Credential field of the Senior/Key Person Profile Component of the SF424(R&R) Application Package. Failure to register in the Commons and to include a valid PD/PI Commons ID in the credential field will prevent the successful submission of an electronic application to NIH. See Section 1 of this FOA for information on registration requirements.

The applicant organization must ensure that the DUNS number it provides on the application is the same number used in the organization's profile in the eRA Commons and for the System for Award Management. Additional information may be found in the SF424 (R&R) Application Guide.

See more tips for avoiding common errors.

Upon receipt, applications will be evaluated for completeness and compliance with application instructions by the Center for Scientific Review, NIH& DBT respectively. Applications that are incomplete or non-compliant will not be reviewed.

In order to expedite review, applicants are requested to notify the NEI Referral Office by email at ellenliberman@nei.nih.gov when the application has been submitted. Please include the FOA number and title, PD/PI name, and title of the application.

5. Review and Selection Process

Applications will be evaluated for scientific and technical merit by (an) appropriate Scientific Review Group(s) convened by the Center for Scientific Review, in accordance with NIH peer review policy and procedures, using the stated review criteria& by DBT as per GOI norms.

As part of the scientific peer review, all applications:

- May undergo a selection process in which only those applications deemed to have the highest scientific and technical merit (generally the top half of applications under review) will be discussed and assigned an overall impact score.
- Will receive a written critique.

Appeals of initial peer review will not be accepted for applications submitted in response to this FOA.

Applications will compete for available funds with all other recommended applications.The following will be considered in making funding decisions:

- Scientific and technical merit of the proposed project as determined by scientific peer review.
- Availability of funds.
- Relevance of the proposed project to program priorities.
- Demonstrated collaboration with Indian and US partner(s)

6. Anticipated Announcement and Award Dates

After the peer review of the application is completed, the PD/PI will be able to access his or her Summary Statement (written critique) via the eRA Commons.
On Indian side recommendations/Comments will be communicatedby email.

Information regarding the disposition of applications is available in the NIH Grants Policy Statement.

7. Award Notices

If the application is under consideration for funding, NIH will request "just-in-time" information from the applicant as described in the NIH Grants Policy Statement.

A formal notification in the form of a Notice of Award (NoA) will be provided to the applicant organization for successful applications. The NoA signed by the grants management officer is the authorizing document and will be sent via email to the grantee's business official.

Awardees must comply with any funding restrictions described in Section IV.5. Funding Restrictions. Selection of an application for award is not an authorization to begin performance. Any costs incurred before receipt of the NoA are at the recipient's risk. These costs may be reimbursed only to the extent considered allowable pre-award costs.

Any application awarded in response to this FOA will be subject to terms and conditions found on the Award Conditions and Information for NIH Grants website. This includes any recent legislation and policy applicable to awards that is highlighted on this website.

On Indian side award notification will be issued by the DBTProgramme Officer.

8. Administrative and National Policy Requirements

All NIH grant and cooperative agreement awards include the NIH Grants Policy Statement as part of the NoA. For these terms of award, see the NIH Grants Policy Statement Part II: Terms and Conditions of NIH Grant Awards, Subpart A: General and Part II: Terms and Conditions of NIH Grant Awards, Subpart B: Terms and Conditions for Specific Types of Grants, Grantees, and Activities. More information is provided at Award Conditions and Information for NIH Grants.

Recipients of federal financial assistance (FFA) from HHS must administer their programs in compliance with federal civil rights law. This means that recipients of HHS funds must ensure equal access to their programs without regard to a person's race, color, national origin, disability, age and, in some circumstances, sex and religion. This includes ensuring your programs are

accessible to persons with limited English proficiency. HHS recognizes that research projects are often limited in scope for many reasons that are nondiscriminatory, such as the principal investigator's scientific interest, funding limitations, recruitment requirements, and other considerations. Thus, criteria in research protocols that target or exclude certain populations are warranted where nondiscriminatory justifications establish that such criteria are appropriate with respect to the health or safety of the subjects, the scientific study design, or the purpose of the research.

In accordance with the statutory provisions contained in Section 872 of the Duncan Hunter National Defense Authorization Act of Fiscal Year 2009 (Public Law 110-417), NIH awards will be subject to the Federal Awardee Performance and Integrity Information System (FAPIIS) requirements. FAPIIS requires Federal award making officials to review and consider information about an applicant in the designated integrity and performance system (currently FAPIIS) prior to making an award. An applicant, at its option, may review information in the designated integrity and performance systems accessible through FAPIIS and comment on any information about itself that a Federal agency previously entered and is currently in FAPIIS. The Federal awarding agency will consider any comments by the applicant, in addition to other information in FAPIIS, in making a judgement about the applicant's integrity, business ethics, and record of performance under Federal awards when completing the review of risk posed by applicants as described in 45 CFR Part 75.205 "Federal awarding agency review of risk posed by applicants." This provision will apply to all NIH grants and cooperative agreements except fellowships.

For additional guidance regarding how the provisions apply to NIH grant programs, please contact the Scientific/Research Contact that is identified in Section VII under Agency Contacts of this FOA. HHS provides general guidance to recipients of FFA on meeting their legal obligation to take reasonable steps to provide meaningful access to their programs by persons with limited English proficiency. Please see http://www.hhs.gov/ocr/civilrights/resources/laws/revisedlep.html. The HHS Office for Civil Rights also provides guidance on complying with civil rights laws enforced by HHS. Please see http://www.hhs.gov/ocr/civilrights/understanding/section1557/index.html; and http://www.hhs.gov/ocr/civilrights/understanding/index.html. Recipients of FFA also have specific legal obligations for serving qualified individuals with disabilities. Please see http://www.hhs.gov/ocr/civilrights/understanding/disability/index.html. Please contact the HHS Office for Civil Rights for more information about obligations and prohibitions under federal civil rights laws at http://www.hhs.gov/ocr/office/about/rgn-hqaddresses.html or call 1-800-368-1019 or TDD 1-800-537-7697. Also note it is an HHS Departmental goal to ensure access to quality, culturally competent care, including long-term services and supports, for vulnerable populations. For further guidance on providing culturally and linguistically appropriate services, recipients should review the National Standards for Culturally and Linguistically Appropriate Services in Health and Health Care at http://minorityhealth.hhs.gov/omh/browse.aspx?lvl=2&lvlid=53.

Cooperative Agreement Terms and Conditions of Award

Biohazard descriptions: if applicable.

Regulatory and Ethical Considerations

In India, research using hazardous microorganisms, genetically engineered (GE) organisms & products thereof are governed under Rules, 1989 (Rules for the Manufacture, Use/Import/Export and Storage of Hazardous Micro Organisms/ Genetically Engineered Organisms or Cells) of Environment (Protection) Act, 1986, according to which, necessary intimation/ recommendation/ authorization from concerned Institutional Biosafety Committee (IBSC), Review Committee on

Genetic Manipulation (RCGM) & Genetic Engineering Appraisal Committee (GEAC) is obligatory based on type & scale of research operations.

Further guidance on regulatory considerations can be obtained from:

Guidelines and Handbook for IBSCs, 2011
http://www.dbtindia.nic.in/wp-content/uploads/9.-Guidelines-_Handbook_2011.pdf

Regulations and Guidelines on Biosafety of Recombinant DNA Research & Biocontainment, 2017http://www.dbtindia.nic.in/wp-content/uploads/Draft-Biosafety-Regulations-andBiocontainment-Guidelines-2017-FF.pdf

Recommendations for Streamlining the Current Regulatory Framework, 2005
http://www.moef.nic.in/divisions/csurv/geac/draftreport_rpharma.pdf

Human and Animal Subjects Research in India:

DBT and the US Commission are committed to ensure that projects involving human or animal subjects are protected from research risks in compliance with the rules and policies in respectively the NIH and India (ICMR/DBT policies).

All projects recommended for award that involve human or animal subjects will undergo review by the Indianinstitute Bioethics Committees prior to funding. For information on ICMR policies, please consult:National Ethical Guidelines for Biomedical and Health Research Involving Human Participants, 2017 http://www.icmr.nic.in/guidelines/ICMR_Ethical_Guidelines_2017.pdf

Indian PIs are required to submit proof of their institution's Institutional Review Board(IRB)/ Instituional Ethical Committee (IEC) approval to DBT prior to funding.

Authorizations for pre-clinical studies:

For studies in India, Investigators must satisfy regulatory and ethical provisions adopted under:

- Drugs and Cosmetics Rules, 1945 (as amended from time to time) of Drugs and Cosmetics Act, 1940.
- Committee for the purpose of Control and Supervision of Experiments on Animals. http://cpcsea.nic.in/Auth/index.aspx
- Handbook: Good Laboratory Practice (GLP). Quality practices for regulated non-clinical research and development, 2nd ed. Geneva, World Health Organization, 2009 http://www.who.int/tdr/publications/documents/glp-handbook.pdf

9. Submission of Application:

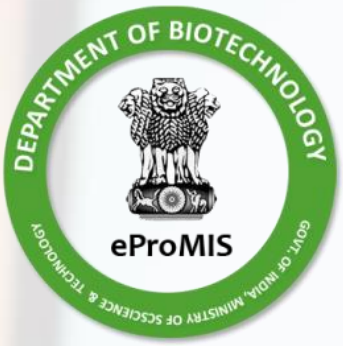
A CONSOLIDATED PDF DOCUMENT OF THE COMPLETE APPLICATION PACKAGE ALONG WITH THE DULY FILLED APPLICATION (ON THE INDIAN SIDE) AS PER 'DBT FORMAT FOR R&D PROPOSAL SUBMISSION' (ANNEXURE A), SHOULD BE SUBMITTED TO DBT AT E-MAIL: jyoti.logani@nic.in

IN CASE OF NON-SUBMISSION TO DBT THE PROPOSAL WILL NOT BE CONSIDERED FOR FURTHER PROCESSING.

Also submit one hard copy addressed to the Programme Officer as per the details below:

Dr. Jyoti M. Logani
Scientist - F
Room No. 811, Eighth Floor
Block-2, DBT, CGO Complex
New Delhi-110003
E-mail address: jyoti.logani@nic.in

Annexure A



ePROMIS

Web enabled project management information system

Department of Biotechnology, Ministry of Science & Technology, GOI

(R&D Proposal Submission Format)

Annexure A

PROFORMA – I

PROFORMA FOR SUBMISSION OF PROJECT PROPOSALS ON RESEARCH AND DEVELOPMENT, PROGRAMME SUPPORT

(To be filled by the applicant)

PART I: GENERAL INFORMATION

Project Coordinator	_ _
Institute	_ _
Head of Institute/Organization	_ _
Status of Organization	_ _
Project Title	*
Project Description	Max (1000 characters) *
Area	----------Please select drop down - - - - - *
Area Description	
Call For Proposal	Yes/No
If Yes, Call For Proposal Details	Max (500 characters) *

Project Duration (Year), Project Duration (Month), Multi Institute & No. of Institutes cannot be changed once saved.

Project Duration (Year)	-----Select ---- *
Project Duration (Month)	-----Select---- *
Multi Institute	--Select yes/no---- *
If, yes No. of Institutes	
Project Keyword	*
Project Coordinator	*
Affiliation	*
Address	Max (500) *

Requires Regulatory Clearance **(IBSC/IASC/IAC/NBA/ICSCR etc.)**	--Select Yes/No---- *
If, yes Upload Regulatory Clearance Document	Browse… **Only PDF file is allowed**
Regulatory Clearance Details	Max (500 characters) *
Requires Ethical Clearance	--Select Yes/No----
if, yes Regulatory Ethical Details	Max (500 characters) *
Industry Collaboration	--Select Yes/No----
If, yes Name of the Collaborating Industry	*
Collaboration Details	Max (500 characters) *
Additional Details if any	Max (1000 characters)

Save Preview

PART II: PROJECT INVESTIGATOR

Principal Investigator List

Preview | Add PI

No	Principal Investigator Name	Designation	Date of Birth	Gender	Action
1	Arun Kumar	PI	10/02/1991	M	Edit

On selecting Add PI, The following details to be filled.

Add New PI Information

Title : --Please select drop down-- *

First Name: * Middle Name:

Last Name: *

Designation: * Department: *

Institute/University: ----------Please select drop down---------- *

Note: If your Institute is not in the list, Please click here to submit detail of Institute.

Date of Birth: --Please select Date-- * Gender: -- Select drop down-- *

State: * District: ------Select -------- *

City: ------Select------ *

Address: Max (500) * PIN: *

Mobile No. * Telephone:

Fax: E-mail:

Projects being submitted/pursued/carried out by PI(s):

Save | Cancel

Co-Investigator List

Add Co-PI

No	Co- Investigator Name	Designation	Date of Birth	Gender	Action
1	Anil Kumar	COI	10/02/1991	M	Edit | Delete

On selecting Add CO-PI, The following details to be filled.

Add New CO- PI Information

Title : --Please select drop down-- *

First Name: *Middle Name:

Last Name: *

Designation: *Department: *

Institute/University: ----------Please select drop down---------- *

Note: If your Institute is not in the list, Please click here to submit detail of Institute.

Date of Birth: --Please select Date-- * Gender: -- Select drop down-- *

State: -----Select------ * District: ------Select -------- *

City: *

Address: Max (500) * PIN: *

Mobile No. * Telephone:

Fax: E-mail:

Projects being submitted/pursued/carried out by PI(s):

Save Cancel

PART III: TECHNICAL DETAILS OF PROJECT

Introduction of proposal

Origin of Proposal*

A) Rational of the study supported by cited Literature B) Hypothesis C) Key Questions*

Current Status of research and development in subject (both International and National Status) *

The Relevance of Proposed Study*

The Expected Outcome of Proposed Study*

The Preliminary Work done so far *

Scope of the Application indicating anticipated project and processes*

Save

Annexure A

Institute wise Objective/work Plan/Time Line to be added

Overall Objectives

Objective

Add

SR. NO	OBJECTIVE	
1	Please add objective	Delete

Objectives

Select Institute ----------Select Drop Down---------- *

Sr. No.

Objective *

Add

SR. NO	OBJECTIVE		
1	Some added objective	Add work plan	Edit Delete

On Click Add Work Plan in the above table, a popup will open and the following details are to be filled.

Add Work Plan

Objective: Some added objective

Work Plan: Max (7000) *

Save

Work Plan

SR. NO	OBJECTIVE	WORK PLAN		
1	Some added objective	Some work plan	Add Time Line	Edit Delete

On Click Add Time Line in the above table, a popup will open and the following details are to be filled.

Add Time Line

Selected Work Plan: Some work plan

Please fill Activity: Max (7000) *

Proposed Start Month from Date of Sanction: *

Proposed End Month from Date of Sanction: *

Save

Time Line

SR. NO	WORK PLAN	ACTIVITY	PROPOSED START MONTH FROM DATE OF SANCTION	PROPOSED END MONTH FROM DATE OF ACTION	
1	Some added objective	Some Activity	3 Month	2 Month	Delete

Role and Responsibility of all Participating Investigators & Institutions*

Details of References quoted in the proposal

Details of References

Max (1000) *

Add

SR. NO	DETAILS FOR REFERENCES	
1	Some details references	Delete

Suggested Referees (Min 5 to be added)

Expert Name *

Designation *

Address Max (500) char *

Annexure A

Add

SR. NO	EXPERT NAME	DESIGNATION	ADDRESS	
1	Arun Kumar	Programmer	Delhi	Edit Delete

For uploading the figures, flowchart & photographs (if any) in the project document, please make one consolidated PDF file of all flowcharts, figures and photographs and upload the same in the link given below

Choose File

Only PDF file is allowed

Save Preview

PART IV: BUDGET PARTICULARS

Click here to go for currency conversion

Select Institute: ----------Select Drop down----------

All figures in rupees

Non-Recurring

Equipment/Accessories Details

Equipment/Accessories	Justification	Unit Cost	Qty.	Total Cost

☐ Select All ☐ Year 1 ☐ Year 2 ☐ Year 3 Add

Other non-recurring cost details

Other Cost Description	Justification	Amount

☐ Select All ☐ Year 1 ☐ Year 2 ☐ Year 3 Add

Upload Quotations for Equipment's Choose File UPLOAD

Only PDF file is allowed

Recurring

Human Resource Details

The Details of the emoluments including HRA qualification etc can be given under details

Resource	Resource Details	No.	Monthly Emoluments
---Select---			

☐ Select All ☐ Year 1 ☐ Year 2 ☐ Year 3 Add

Consumables

Details	Justification	Qty.	Amount	Total

☐ Select All ☐ Year 1 ☐ Year 2 ☐ Year 3 Add

Travel

Description	Justification	Amount

☐ Select All ☐ Year 1 ☐ Year 2 ☐ Year 3 Add

Contingency

Description	Justification	Amount

☐ Select All ☐ Year 1 ☐ Year 2 ☐ Year 3 Add

Overhead

Description	Justification	Amount

☐ Select All ☐ Year 1 ☐ Year 2 ☐ Year 3 Add

Other Item

Description	Justification	Amount

☐ Select All ☐ Year 1 ☐ Year 2 ☐ Year 3 Add

Bank Details

Account Holder Details

Account Holder Name * Postal address Max (500) *

Telephone No * Email Id *

Save

Bank Details

Account Number * Account Type -------Select------ *

Bank Name * Branch Nam *

Annexure A

Postal Address	Max (500)	*		
Telephone No		*	Email Id	*
IFSC Code		*	MICR Code	*

Save

PART V: EXISTING FACILITIES

Resources and Additional Information

Laboratory

Manpower *

Equipment *

Other resource such as clinical materials, animal houses facility, glass course, experimental Garden, Pilot plant facility etc.

Save Preview

PART VI: BIO DATA

Select Investigator ------- Select drop down------- *

Basic Details

Name | Designation

Department | Institute/university

Date of Birth | Gender

SC/ST

Update

Preview

Education Details

Education (Post-graduation onwards & Professional Career)

Degree Awarded	Institution / Place	Year	Field of Study
		---Select-----	

Add

SR. NO	DEGREE AWARDED	INSTITUTION/PLACE	YEAR	FIELD OF STUDY	
1	Award	Bhopal	2014	it	Edit Delete

Preview

Employment Details

Position and Employment (Starting with the most recent employment)

Institution/Place	Designation	from Date	to Date	
*		01/02/2012	01/02/2012	Till Date *

Add

SR. NO	INSTITUTION/PLACE	DESIGNATION	FROM DATE	TO DATE	
1	Delhi	Developer	13/11/2011	13/11/2011	Edit Delete

Preview

Award/Honors Details

	No.	Description
A) International		*
B) National		*

Upload Additional Information if any — Choose File — Upload

Only PDF file is allowed

Professional Experiences and Training relevant to the project

Max (200)

Save

Preview

Publications

	No.	
A) International		*
B) National		*

List of Publication in the peer review Journal of impact factor 1 and above — Choose File — Upload

Only PDF file is allowed

Save

Title of Paper		Authors		Reference of Journal		Year of Publication
	*		*		*	---Select--

Add

SR. NO	TITLE OF PAPER	AUTHORS	REFERENCE OF JOURNAL	YEAR OF PUBLICATION	
1	Title of paper	Author	Reference of journal	2016	Edit

					Delete

Preview

Project Details

List of ongoing projects in which the applicant has a role of PI/ Co-PI

Title of project * | **Funding Agency** * | **From Date** * 01/02/2012 | **To Date** * 01/02/2012 | **No. of Scientists under The project** *

Total Approved Cost (INR) | **Role in project** --Select-- | **Current status of project** --Select -- | Add

SR. NO	TITLE OF PROJECT	FUNDING AGENCY	FROM DATE	TO DATE	NO.OF SCIENTISTS UNDER THE PROJECT	TOTAL APPROVED COST	ROLE OF PI	CURRENT STATUS OF PROJECT	
1	Title..	Funding	13/11/2011	13/11/2011	2	**83.00**	**PI**	Being pursed	Edit Del

Preview

PART VII: DECLARATION/CERTIFICATION

I agree ☐ *

Upload Declaration Document signed by competent authority. (PI & Co-PI) Choose File

Only PDF file is allowed

Click to view and print Declaration/Certification | Click to view Uploaded Documents

Save | Preview & Print

It is certified that

1. The research work proposed in the scheme/project entitled **"hellorohil1"** does not in any way duplicate the work already done or being carried out elsewhere on the subject.
2. The same project proposal has not been submitted to any other agency for financial support.
3. The emoluments proposed for the manpower are as admissible to persons of corresponding status employed in the institute/university or as per the Ministry of Science & Technology guidelines.
4. Necessary provision for the scheme/project will be made in the Institute/ University/ Organization budget in anticipation of the sanction of the scheme/project.
5. If the project involves the utilization of genetically engineered organisms, we agree to submit an application through our Institutional Bio safety Committee. We also declare that while conducting experiments, the Bio safety Guidelines of the Department of Biotechnology would be followed into.
6. If the project involves field trials/experiments/exchange of specimens, etc. we will ensure that ethical clearances would be taken from concerned ethical Committees/ competent authorities and the same would be conveyed to the Department of Biotechnology before implementing the project.
7. If the Project requires any statutory permission(s) for any authority to carry out the project, the same would be obtained and intimated to DBT before taking up research activities.
8. It is agreed that any research outcome or intellectual property right(s) on the invention(s) arising out of the project shall be taken in accordance with the instructions issued by Department of Biotechnology, Govt. Of India.
9. We agree to accept the terms and conditions of Department of Biotechnology, Govt. Of India.
10. The institute/university agrees that the equipment, other basic facilities and such other administrative facilities as per terms and conditions of the grant will be extended to investigator(s) throughout the duration of the project.
11. The Principal Investigator(s) involved in the project has sufficient service duration to carry out the project. In case his tenure get expire before completion of project necessary provision would be made to allow him to complete the project for its logical conclusion.
12. The Institute assumes to undertake the financial and other management responsibilities of the project.
13. The details & information given in the Project proposal are true & factual.

Signature of Executive Authority of "PI"	**Signature of Executive Authority of "Head of the**
With stamp	**Institute" with stamp**
Date:	**Date:**
Principal Investigator	Co-Investigator
Date:	**Date:**

Signature & Seal of all project coordinator(s), project investigator(s) , and executive authorities(s) of participating institutions is compulsory