Application form for the BioRRAP ID

1. Details of the Applicant
   1. Title
   2. Complete Name
   3. Mobile Number
   4. Primary Email ID
2. Details of the Research Proposal

2.1. Research involves rDNA technology: Yes/No ([(refer Regulations & Guidelines for Recombinant DNA Research and Biocontainment, 2017)](https://ibkp.dbtindia.gov.in/DBT_Content_Test/CMS/Guidelines/20181115134719867_Regulations-Guidelines-for-Reocminant-DNA-Research-and-Biocontainment-2017.pdf))

If Yes

2.1(A) Category I GE experiments: Yes/ No

(Before commencement of Category I GE experiments, the investigator should intimate the IBSC about the objective and experimental design of the study along with organisms involved.

IBSC should review the same as and when convened for record or action if any

It is desirable to designate a separate area in the facility with proper labelling for Category I GE experiments to avoid any chances of contamination)

2.1(B) Category II GE experiments: Yes/ No

(All category II GE experiments require prior authorization from IBSC before the commencement of the experiments through submission of information in the prescribed proforma. It is desirable to designate a separate area in the facility with proper labelling for Category II GE experiments to avoid any chances of contamination.)

2.1(C) Category III GE experiments: Yes/No

(All category III and above GE experiments require prior authorization from IBSC and subsequent approval from RCGM before commencement of the experiments through submission of information in the prescribed proforma)

2.2 Research involves Micro-Organisms: Yes/No [(refer Regulations & Guidelines for Recombinant DNA Research and Biocontainment, 2017)](https://ibkp.dbtindia.gov.in/DBT_Content_Test/CMS/Guidelines/20181115134719867_Regulations-Guidelines-for-Reocminant-DNA-Research-and-Biocontainment-2017.pdf)

If Yes

2.2(A) Risk Group 2 and below: Yes/ No

(Within the purview of Rules 1989 of Environment (Protection) Act 1986, Institutional Biosafety Committees have been empowered to take adequate precautionary measures for research conducted on risk group 1 and 2 organisms. Biosafety Level 2 (BSL-2) will be applicable for: i. Isolation, cultivation and storage of RG 2 microorganisms. ii. Handling of environmental samples collected from environment that is unlikely to contain pathogens. Isolation of microorganisms from those samples and subsequent experiments. iii. Experiments on RG 2 microorganisms or isolates from environment mentioned above, provided that the experiments will not increase environmental fitness and virulence of the microorganisms.)

2.2(B) Risk Group 3 and above: Yes/No

(The approval from Review Committee on Genetic Manipulation is required for experiments involving risk group 3 and 4 organisms. **Biosafety Level 3 (BSL-3)** will be applicable for: i. Isolation, cultivation and storage of RG 3 microorganisms. ii. Handling of environmental samples collected from environment that is likely to contain pathogens of potential disease consequences. Isolation of microorganisms from those samples and subsequent experiments. iii. Experiments on RG 3 microorganisms or isolates from environment mentioned above provided that the experiments will not increase environmental fitness and virulence of the microorganisms. **Biosafety Level 4 (BSL-4)** is the maximum containment laboratory. BSL-4 will be suitable for: i. Isolation, cultivation and storage of RG 4 microorganisms. ii. Handling of samples collected from environment/patients that are likely infected with RG 4 organisms with serious/fatal health effects. iii. Experiments on RG 4 microorganisms or isolates from environment/patients mentioned above to find remedial measures. iv. Category III and above genetic engineering experiments on microorganisms involving introduction of nucleic acids (recombinant or synthetic) into RG 4 microorganisms or exotic agents.)

2.3 Research involves Animal Studies: Yes/No [(refer Compendium of CPCSEA)](http://cpcsea.nic.in/WriteReadData/userfiles/file/Compendium%20of%20CPCSEA.pdf)

If Yes

2.3(A) Small Animals: Yes/No

(Compliance required as per Compendium of CPCSEA and approval of Institutional Animal Ethic Committee (IAEC))

2.3(B) Large Animals: Yes/ No

(Committee for the Purpose of Control and Supervision of Experiments on Animals (CPCSEA) approval)

2.4 Biomedical and Health Research involving Human Participants: Yes/No [(refer Guidelines for International Collaboration/Research Projects in Health Research: MoUs and HMSC Procedure)](https://main.icmr.nic.in/content/guidelines)

If Yes

2.4(A) International Collaboration in Biomedical and Health Research involving Human Participants and/or transfer of Human Biological Material (Samples): Yes/ No

(Health Ministry's Screening Committee (HMSC) approval)

2.5 Research Involves Import/Export/Transfer: Yes/No

If Yes

2.5(A) Import/ export/ transfer of Micro-Organisms upto Risk Group 2: Yes/No

([Compliance required as per Revised Simplified Procedures/ Guidelines on Import, Export and Exchange of GE organisms and products thereof for R&D purpose, OM No. BT/BS/17/635/2015-PID dated 17.01.2020 and approval of Institutional Biosafety Committee (IBSC)](https://ibkp.dbtindia.gov.in/PageContent/ShowBrowsedFile?FileName=20200423124040845_Revised%20simplified%20procedure%20guidelines.pdf&FPath=E:\\DBT_Content_Test\CMS\Guidelines/20200423124040845_Revised%20simplified%20procedure%20guidelines.pdf))

2.5(B) Micro-Organisms upto Risk Group 2 and products derived from them not specified or covered in Revised Simplified Procedures/ Guidelines on Import, Export and Exchange of GE organisms and products thereof for R&D purpose, OM No. BT/BS/17/635/2015-PID dated 17.01.2020: Yes/No

([Review Committee on Genetic Manipulation (RCGM) approval](https://ibkp.dbtindia.gov.in/PageContent/ShowBrowsedFile?FileName=20200423124040845_Revised%20simplified%20procedure%20guidelines.pdf&FPath=E:\\DBT_Content_Test\CMS\Guidelines/20200423124040845_Revised%20simplified%20procedure%20guidelines.pdf))

2.5(C) Import/ export/ transfer Micro-Organisms of Risk Group 3 and above: Yes/No

([Review Committee on Genetic Manipulation (RCGM) approval](https://ibkp.dbtindia.gov.in/PageContent/ShowBrowsedFile?FileName=20200423124040845_Revised%20simplified%20procedure%20guidelines.pdf&FPath=E:\\DBT_Content_Test\CMS\Guidelines/20200423124040845_Revised%20simplified%20procedure%20guidelines.pdf))

2.5(D) Import of Exotic Agricultural Pests: Yes/No

(Directorate of Plant Protection Quarantine & Storage (DPPQ&S) approval)

2.5(E) Export of Indian Bioresource and Traditional Medicine Bioresources: Yes/No

([National Biodiversity Authority (NBA) approval (refer Biological Diversity Rules, 2004)](https://www.forests.tn.gov.in/tnforest/app/webroot/img/document/legislations/01_Biological%20Diversity%20Rules%202004.pdf)

2.5(F) Export of SCOMET items: Yes/No

([Export License from DGFT is required](https://content.dgft.gov.in/Website/append3_0.pdf))

2.6 Research Involves Radioactive Material: Yes/No

(Radiological Safety Division (RSD), Atomic Energy Regulatory Board (AERB) approval)

2.7 Confined Field Trials for Genetically Engineered Plants**:** Yes/No

(Genetic Engineering Appraisal Committee (GEAC) approval)

2.2 Research Title:**\***

2.3 Research Areas:**\***

Agriculture

Animal Biotechnology

Animal Husbandry

Aquaculture Biology

Basic Biology

Environmental Biotechnology

Human Biology

Insect Biology

Medical Biotechnology

Microbiology

Plant Biotechnology

Veterinary Biology

Other

1. **Details of Collaboration in Research**
   1. Collaboration(s) – National: Yes/No

If Yes, Details of Collaborator:

Funding from Collaborator: Yes/ No

If Yes, Details of Funding Collaborator:

* 1. Collaboration(s)– International: Yes/No

If Yes, Details of Collaborator International:

**\* Upload other details of proposal of International Collaborator**

Choose File

Please choose only PDF File

Foreign Funding: Yes/No

If Yes: Details of Foreign Funding:

**I confirm that the information provided in this proforma is true, accurate, current, and complete; and I agree to inform promptly, if any information contained on this application form should change, in order to keep it true, accurate, current, and complete.**

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