

BIOTECHNOLOGY INDUSTRIAL PARTNERSHIP PROGRAMME (BIPP)**Broad Parameters for Evaluation****Category IIIA****A. Significance / Scientific Merit**

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- i. Does it address an innovative hypothesis, important problem or critical barrier to progress in the field of health research and/or health care?
- ii. If the aims of the project are achieved will it improve scientific knowledge, technical capability and/or clinical practice that can be disseminated and/or exchanged?
- iii. How will successful aims change the concept, methods, technologies, treatments or preventive interventions and/or to the development of more effective health care and products that drive people's health in India and the world?

B. Approach and Methodology

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- i. Is the conceptual framework, design, methodology, and analysis adequately developed, well-integrated, well-reasoned, and appropriate to the aims of the project?
- ii. Is the research plan, research objective and proposed schedule clearly presented and realistic?
- iii. Does the applicant acknowledge potential problem areas, consider alternative strategies and present potential benchmarks for success?
- iv. The proposal aims at:
 - a. Discovery Linked Innovation
 - b. Establishing proof-of-concept
 - c. Validation of existing R&D hypothesis
- v. Have the risky aspects of the project effectively been managed*

* High scores should be allotted for high risk projects
- vi. Are the plans for protection of human subjects from research projects and if applicable inclusion of minorities, members both sexes/genders or children justified in terms of scientific goals and research strategy proposed?

C. Innovativeness

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- i. Potential for creation of new knowledge?
- ii. Does the project have originality in terms of hypothesis/research question addressed, novel technology/methodology and/or novel applications of current technology/methodology including instrumentation or interventions
- iii. Does the project challenge or seek to shift current research or paradigms?

D. Intellectual Property

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- i. Relevance of the background IP for the proposed project
- ii. Possibility of generating foreground IP
- iii. Does the applicant have freedom to operate in the proposed area?
- iv. Does the applicant acknowledge potential restrictions towards freedom to operate?

E. Commercial Potential/ Societal Relevance

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- i. National importance/societal relevance of the innovative hypothesis, important problem or critical barrier to progress being addressed by the present proposal
*Considerations include
 - Meeting of unmet need
 - Relevance to human /animal needs
 - Addresses issues of mortality /morbidity etc. where mortality ranks > morbidity.
- ii. If the project advances what shall be the potential for future clinical trials and relevant health applications?

F. Investigators credentials

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- i. Are the PI(s), collaborators and other researchers well suited to the project?
- ii. Is the work proposed appropriate to the experience level and training of the PI(s) and other researchers (if new) or do they demonstrate an ongoing record of accomplishments that have advanced their field(s) (if old)?
- iii. Do the PI (s) and investigative team bring complementary and integrated expertise to the project?
- iv. Is the leadership approach, governance and organizational structure appropriate for the project?

G. Research Environment

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- i. Are the Institutional support, equipment and other physical sources available to the investigators adequate for the project?
- ii. Will the scientific environment in which the work be done contribute to the probability of success?
- iii. Will the project benefit from the unique features of the scientific environment, subject populations or collaborative arrangements?