

Ethical consideration, Institutional requirements and Overhead charges

OBJECTIVES

1. To understand which projects need ethical approval from the host institute.
2. To understand the ethical issues associated with the study subjects.
3. Take necessary steps for approval of the proposed project from institutional ethical committee for research undertaken on human subjects or animals respectively (copy of approval to be enclosed).
4. To identify and understand the biosafety of the study samples such as biological fluids, tissues, whole animal and recombinant nucleic acid derived products. .
5. To prepare the list of priority documents to be submitted to the funding agency.
6. To understand the Institutional requirements taking into consideration following aspects:
 - a) Instrument availability within the department/Institute
 - b) Space requirement for proposed equipments
 - c) Laboratory infrastructure/Animal house facilities
 - d) Approval from Institutional Research Project Advisory Committee
 - e) Approval from Institutional Ethical Committee
 - f) Approval from Institutional Biosafety Committee
 - g) Institutional / Overhead Charges
 - h) Staff and Fellow requirements

GROUP TASK

The following are some research problems with the aim, objectives and methodology of the experimental work. Each group of four participants will be provided with a project based on which the following annexure are to be fulfilled as per the institutional requirement for onward transmission of the proposed project from the head of the institute to the respective funding agency (e.g. ICMR):

1. Annexure I for budgetary requirements as per ICMR project format
 - a) Staff
 - b) Contingency:
 - (i) Recurring
 - (ii) Non-recurring (equipment)
 - (iii) Travel
 - c) Overhead/Institutional Charges*
 - d) Total
2. Annexure II for Institutional RPAC
3. Annexure III for Institutional Human Ethical Committee
4. Annexure IV for Institutional Animal Ethical Committee
5. Annexure V for Institutional Biosafety Committee

* Points to remember while calculating overhead charges:

1. Overhead does not include equipment to be procured.
2. Overhead charges are to be calculated as per norms of either the host institute or funding agency, whichever is higher.

PROJECT TITLES

The following projects are based on experiments to be conducted with an *in vivo* (human as well as experimental animals) or *in vitro* approach:

1. Fungal infections in HPV positive patients in Manipur state: A phenotypic and molecular study of etiologic agents, antifungal susceptibility pattern, and therapeutic management-----*In vivo*
2. Bone bank for allografts from living and non-living donors-----*In vivo*
3. Multi-centric study for the evaluation of lead poisoning in India; preparation of lead map starting with Karnataka state, using state of art technology approved by Centres for Disease Control (CDC) -----*In vivo*
4. Maneb and paraquat induced alterations in oxidative stress in polymorphisms and assessment of correlation in the expression of toxicant responsive genes in liver and polymorphs in the exposed rats-----*In vivo*
5. To elucidate the role of CRTase induced Epigenetic modulation via acetylation by the novel mechanism in the gene expression profile of lung carcinogenesis using various polyphenols and their synthetic analogue -----*In vitro*