

Ethical Issues in Biomedical Research

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Abstract—*Basic biomedical research refers to the use of fundamental scientific principles in medical and biological research directed towards developing tools to detect, prevent or treat human disease(1). Scientist or the whole are expected to work in an ethical mold with a general awareness of the guidelines however, barely any effort is done to provide a consolidated approach between basic n specific ethical principles and their application to the existing challenges in biomedical research in sync with the demands and factors that is required by the ethics committee for the ultimate purpose of human beneficence. This paper doesn't propose any theoretical definition or perspective and endeavors to bridge the gap between Principles, challenges in sync with requirements of ethics committee by means of consolidated and specifically designed questionnaires and comprehensive checklists and illustrative diagrams. Additionally, it aims to facilitate a better application of these principles to the existing ethical challenges in biomedical research and its various arenas. Also a multitude of literature is available on these principles, but very few or almost negligible amount of papers propose ways and means to apply these principles to the existing challenges in sync with requirements of ethics committee and contribute substantially to ease the arduousness.*