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[A review of research process, data collection and analysis](#)

Research is the process of searching for knowledge. It is systematic search pertinent information on specific topic of interest. It is a careful investigation or inquiry especially through search for new facts in any branch of knowledge [1]. It is a scientific way of getting answers for research questions and testing hypothesis. The research question is based on uncertainty about something in the population. This can be formulated by searching different literatures from index and non index journals, books, internet, and different unpublished research work etc. A good research question should follow the FINER criteria i.e. Feasible, Interesting, Novel, Ethical and Relevant [2].

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[Synthetic Animal: Trends in Animal Breeding and Genetics](#)

Synthetic biology is an interdisciplinary branch of biology and engineering. The subject combines various disciplines from within these domains, such as biotechnology, evolutionary biology, molecular biology, systems biology, biophysics, computer engineering, and genetic engineering. Synthetic biology aims to understand whole biological systems working as a unit, rather than investigating their individual components and design new genome. Significant advances have been made using systems biology and synthetic biology approaches, especially in the field of bacterial and eukaryotic cells. Similarly, progress is being made with 'synthetic approaches' in genetics and animal sciences, providing exciting opportunities to modulate, genome design and finally synthesis animal for favorite traits.
