Drug discovery and development is the process by which new drugs are created. This involves the discovery of a new chemical entity, its preclinical testing, and its development through clinical trials to approval by regulatory agencies. The process typically takes around 14 years and can cost over $2 billion. In an estimate from 2011, drug discovery and development engaged in discovery and development, with research teams involved in highly interdisciplinary research. A new vision of drug discovery and development is required to address the challenges in drug discovery and development.

New drugs through: New insights into a disease process that allow researchers to design a product. Drug discovery and development: Role of basic biological research. American Journal of Drug Discovery and Development is an international peer-reviewed journal dedicated to publish rapid scientific developments in this field of pharmaceutical research. The mission of the Forum is to improve the system of drug discovery, development, and the translation of research findings to healthcare.

Drug Discovery and Development offers an excellent opportunity to obtain a degree in the field of pharmaceutical research and development. A new vision of drug discovery and development is required to address the challenges in drug discovery and development. The infectious disease burden inflicted by tropical diseases continues to exact a huge price both in human suffering and economic costs. AI Applications for Drug Discovery and Development is a key area of research in the field of pharmaceutical research and development.