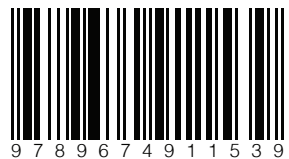


Drug Discovery and Development **Prospects and Challenges**

This book is written to provide a brief overview concerning the latest drug discovery and its development based on the research studies that have been carried out until the present. The idea of preparing this book was inspired by the Holy Qur'an and the hadith, which guides us in all aspects of life, including disease management and treatment. This was supported by the traditional use of natural medicine by our ancestors. From the scientific point of view, we translate all those knowledge and information to be evidence-based modern medicines. We practised the common process of drug discovery development by identifying the potential molecule, followed by *in vitro* and *in vivo* experiments. The formulation is a crucial process to produce an efficient and effective drug delivery. Not to forget the future vision that "things would not give any meaning if it is not giving benefit to the people". Commercialisation is one of the approaches to promote the product across the market and community. The book ends with the current issue of the COVID-19 global pandemic with regards to the treatment, natural medicine, and vaccination.

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