



Indian Institute of Technology Delhi

DEPARTMENT OF BIOCHEMICAL ENGINEERING & BIOTECHNOLOGY

2016-17 Seminar Series

Thursday, January 12, 2017



Dr. C.N. Ramchand

CEO, Saksin Life Sciences Pvt Ltd., Chennai & San Francisco
CEO, MagGenome Technologies Pvt Ltd, Cochin, Kerala

Drug discovery with special reference to NCE and Biologics

Developing a new drug (NCE) from original idea to the launch of a finished product is a complex process. Typically it takes about 12–15 years and costs in excess of \$1 billion. The process for development of NCE is complex and time taking. However the recent advancements in Biotechnology based products has become a potent source of new drugs. These drugs include Biologics and Biosimilars.

Development of Anti-VEGF antibodies Fab against Age related Macular destrophy

Age-Related Macular Degeneration, often called AMD, is the leading cause of vision loss and blindness among people with age 60 and above. Age-related Macular Degeneration (AMD) affects an estimated 14 million people worldwide. We are developing an Anti-VEGF antibody Fab for treatment of AMD using Phage display technology.

Development of naked magnetic nanoparticles based strategies for biomedical applications

Magnetic nanoparticles have generated considerable research and commercial interest due to their unique properties and wide applicability. The unique properties include susceptibility to external magnetic field and biocompatibility. We have developed a number of technologies specifically with bare magnetic nanoparticles which are technically proficient and industrially viable.

How to start a “startup”

Scientific and technical discoveries can reap rich dividends if they are executed wisely in the commercial space. Current market promotes young entrepreneurs and scientists to start ventures. However it is advisable to follow certain paths to success to attain higher efficiency. Various aspects like team building, seeking right advisers, and looking for sources of funding are some crucial aspects in this regard. Having been associated with several startups; we can explain several critical aspects of “How to build a startup”.

All are welcome

Seminar will be held in **DBEB SEMINAR ROOM** at **Block I, Room 223** at **3 PM**
For additional information, contact Seminar coordinator D. Sundar at sundar@dbeb.iitd.ac.in