

## **Book Synopsis**

This book is compiled from work and experiences of a number of years of teaching Cell Biology, Genetics and Molecular Biology. Thus, the content included is attested practices written with a practical bio-production approach. It comes in form of precise notes that are recommended reference to those people who are beginning and also advancing their careers in biotechnology practice. Moreover, students and researchers who wish to put biotechnology into practice will find this book a very valuable resource. The book mainly, dowels on cell culture and cellular bio-engineering which is purposely written for greater understanding of cellular products.

## **Authors Brief Background**

January 2004, is the year I initiated training of Biotechnology at Kenya Polytechnic that later became Technical University of Kenya (TUK) in year 2012. After spending months that tuned into years writing curriculums, I realized teaching biotechnology is not enough but practicing it is Key.



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This is how the idea of tailoring teaching towards bio-manufacturing was born. My first assignment was to develop a market driven curriculum in

Biotechnology. Today, there are many qualified people in this area. My focus turned to the application of Biotechnology skills to increase the level of local Bio manufacturing. This is possible with utilization of the genetic and molecular tools in the real world of production. The intention is to ultimately build foundations of a strong Bio-Economy.