

The Biology Behind: Understanding Protein Engineering, Immunotoxins, and Drug Designing Issues and Their Application for Finding Breast Cancer Antigen Marker

Amit Sugandhi*
Tiratha Raj Singh***

Niket Bhargava**
Manish Manoria

*sugandhi_amit@yahoo.com
**nikresearch@rediffmail.com
***trajsingh@rediffmail.com

Abstract

A study and a hypothesis for finding a new breast cancer antigen marker is suggested in this paper. With the progress of the Human Genome Project (HGP), a large-scale analysis of proteins within a single experiment, called proteomics, has gained much attention. Human Protein Project (HPP) is now begins. Proteomics is an interdisciplinary area; a systematic and well-defined approach is the need. An attempt to make visible, the synergic power of current technology available to interpret biological data, is what the purpose of this paper.

Index Terms: Proteomics, Protein Engineering, Drug Design, Computer Assisted Molecular Modeling (CMM).