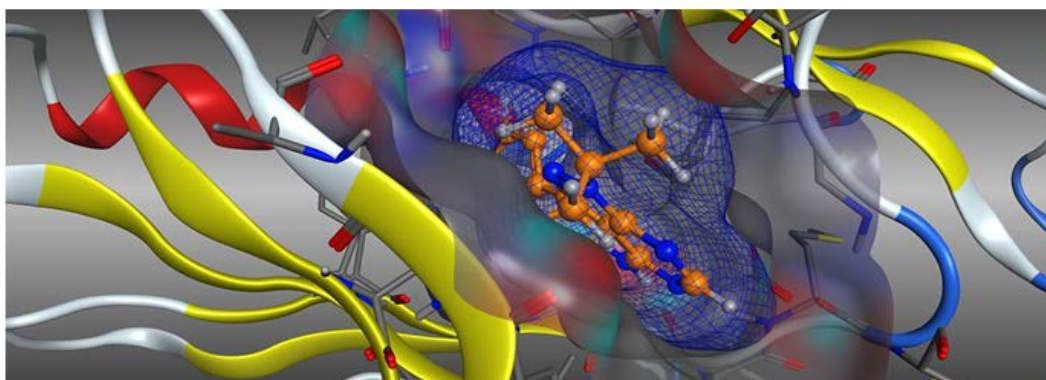


Drug Discovery Diploma



Department of Pharmaceutical Chemistry

Medicinal chemists today are facing a serious challenge because of the increased cost and enormous amount of time taken to discover a new drug, and also because of fierce competition amongst different drug companies

Pharma Industry development became one of the important targets for different Governments in the last three decades in Egypt, especially with the tremendous achievements of the multinational companies in this area of industry.

The challenges of this industry in third world have been increased after TRIPS agreement. The discovery of a new active marketed molecule costs millions of US\$, which increase the problem we are facing, Many worldwide companies have been merged to increase their ability in new drug discovery area. Most of them on the other hand adopted new technologies to discover and develop new drug entities, among these is molecular modeling technique, which help in decreasing the time and cost of discovery researches. Faculty of Pharmacy, Cairo University as one of the leading scientific pharmaceutical association in Egypt is always trying to face challenges in Pharma industry. So we would like to spot light on why we should adapt this technique in our research as well as in our Pharma industry as a whole to have our own molecules in our pharmaceutical companies.