



## Rational drug design:

However, as more becomes known about detailed structure of receptors, rational drug would become more feasible

This implies the ability to predict the chemical structure of drug molecule on basis of 3-dimensional structure of its receptor, employing at present suitable computer programs. Only few drugs in clinical use at present were developed in this rational way.



Most drugs were in the past developed through random testing of chemicals , or modified molecules of known drugs that are known to have some pharmacological effect.



Suppository

A. Vaginal B. Rectal