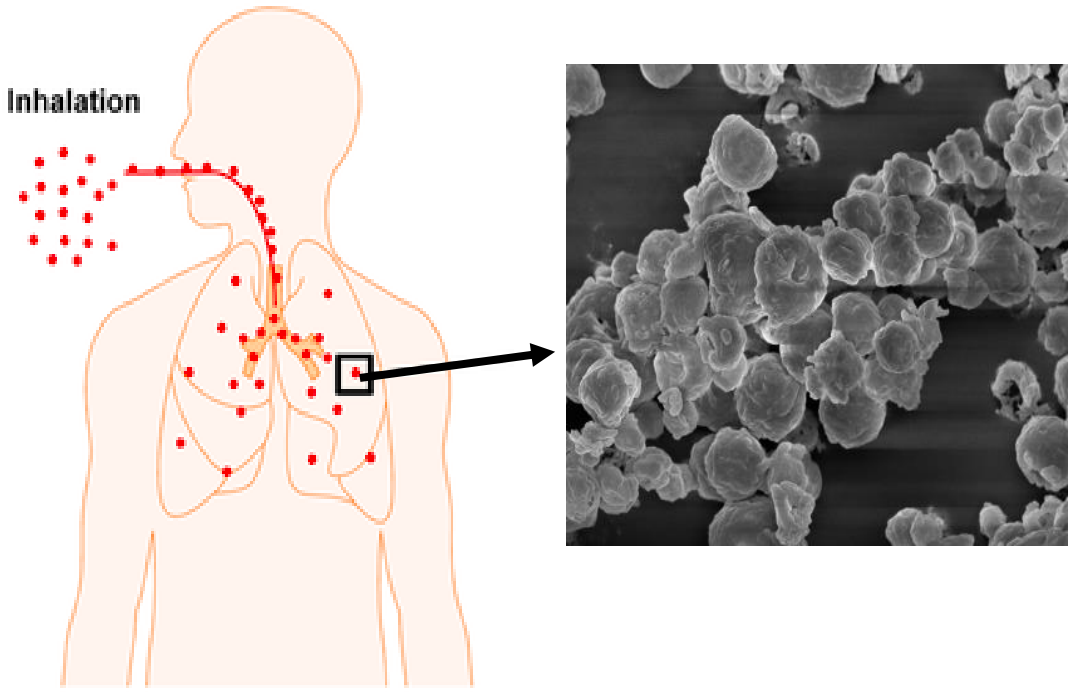
Nanobiotechnology Research Group

Inhalable powder synthesis for respiratory diseases

- Delivery of drugs through pulmonary administration is an attractive alternative for oral or parenteral drug delivery. This route of administration has advantages such as high bioavailability, local delivery, rapid on set o action, self administration, improved patient compliance, limited drug degradation and non-invasive nature.
- Pulmonary delivery has been used for the local administration of antibiotics, proteins, anticancer agents and many more.