

# Nano-Technology



## Clinical needs

- Poor effectiveness
- Low bioavailability
- Lack of selectivity

## Benefits

- Increase drug solubility, stability and bioavailability
- Targeted and controlled drug delivery

## Our approach

- Polymeric Nanoparticles, Nanospheres or nanocapsules
- Lipid-based Nanoparticles, liposomes, solid lipid nanoparticles
- Silver nanoparticles

## Potential areas

- Functional formulations
- Drug delivery for cancer, infections, neurodegenerative diseases, and others

## Commercial outcome

The patented technologies licensed to Suzhou Auzone and WuxiAPPTec, China

## Patent

Zhou, X et al (2016) Curcumin pharmaceutical preparation  
Zhou, X et al (2016) Edaravone dosage forms

## Publication

43 peer-reviewed publications with nanoparticles drug delivery technology

