

Veterinary Delivery Systems



Clinical needs

- To assure target animal and consumer safety
- To enhance consumer convenience and compliance
- To improve the pharmacokinetics
To extend patent life

Benefits

- Better drug solubility, stability, and shelf-life
- Enhance/design a specific drug release profile
- Improve safety, efficacy & compliance
- Improve palatability

Our approach

- Solid-dispersion
- Nanotechnology
- Lipidic systems
- Co-solvents
- Coating
- Pellets

Potential areas

Companion and farmed animals including horses, cattle, pigs, fish, cats and dogs

- Infectious diseases: Otitis externa, Bovine mastitis, fungal and others
- Gastric Ulcer
- Hormonal therapy
- Others

Commercial outcome

World's first long-acting injectable Omeprazole for equine gastric ulcer

Patents

Bova et al (2016) Methods and compositions for treating gastric
Page et al (2019) Methods for treating bacterial infections

Publication

Sykes et al. (2017). Equine Vet J 49(96): 795-801

