

Long-acting Injectable Technology



Clinical needs

- Poor medication adherence
- Associated healthcare cost

Benefits

- Adjustable and continuous drug release
- Improved medication adherence
- Minimise side effects
- Improve systemic availability
- Cost-effective

Our approach

- Lipid-based systems: Liposomes, lipid-based nanoparticles
- Polymeric barriers: In-situ gels, nano/microparticles
- Drug crystal suspensions

Potential areas

- Neurodegenerative disorders
- Infectious diseases
- Cancer
- Substance abuse and
- Others

Commercial outcome

Omeprazole IM formulation for equine gastric ulcer

Patent

Bova et al (2016) Methods and compositions for treating gastric ulcers

Publication

Skyes et al. (2017). Equine Vet J 49(6): 795-801



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