Aims & Scope:
This special issue to the journal will cover the topics specifically on the bacterial pathogens. Articles reviewing on vaccine development against individual bacterial pathogens at the BSL-2, BSL-3, and BSL-4 levels, will be recruited for consideration of publication. Any vaccines against bacterial pathogens, including but not limited to preclinical, clinical, phase 1, phase 2, phase 3 vaccines; subunit vaccines and whole bacterial vaccines; DNA vaccines and protein vaccines; mutant vaccines and recombinant vaccines fall in this scope. The scope of this special issue is also extended to the various technologies for developing live vaccines, including but not limited to the conventional methods of virulence gene deletion, delayed attenuation, the attenuating gene expression, and the killed but metabolically active vaccine.

Keywords:
Bacterial pathogens, mutation, attenuation, vaccine, protection, immunogenicity

Subtopics:
1) Overview of the origin, current status and future prospects of oral absorption enhancers
2) Microdevices: a revolutionising technology in oral drug delivery
3) Targeting transporters and receptors as a means to optimise biotechnology-derived drug delivery
4) Physico-chemical modification approaches to improve biotechnology-based drug delivery
5) Targeting specific sites in the gastrointestinal tract to optimise biotechnology-derived drug delivery
6) Applications of lipid based formulation technologies in the delivery of biotechnology-based therapeutics
7) Overcoming gastrointestinal barriers with cell penetrating peptides
8) Innovations to modify gastrointestinal transit through mucoadhesion
9) Oral delivery of biotechnology therapeutic agents with nanoscale carriers
10) Developments in polymeric hydrogel technology for advanced oral drug delivery

Approximate Schedule:
Manuscript Submission Deadline: 30/11/2013