

Tentative Outline
Special Issue for CURRENT DRUG THERAPY

Lead Guest Editor: Dr. Yasmin Sultana

RECENT ADVANCES IN VACCINE DELIVERY

Aim and scope:

Vaccines have enormously contributed to improving health and longevity of human beings. However, infectious diseases are still one of the leading causes of death throughout the world. Therefore vaccine research and development are the major interest of the global scientific community. The lack of efficacious treatment of many devastating infection and emergence of multidrug resistant bacteria has remained a major challenge and not been well overcome. The adjuvants and novel delivery systems are the key to develop more efficacious vaccine with the improved shelf life and delivery. With the advance in drug delivery system, we can design vaccine that can act accurately only in target tissues with minimum side effect and more comfortable to patient. The issue addresses the vaccine delivery in its broadest scope. We discuss the new development in the area of vaccine delivery including the use of adjuvant. The issue emphasizes on recent development and the perspectives of the vaccine delivery via alternative route of administration, including non-or minimally invasive routes. The issue improved the present knowledge of vaccine delivery and gives a possible direction for future vaccine delivery research and development.

Key words:

Vaccine delivery, nanoparticles, oral vaccines, intradermal vaccine, active targeted vaccine, plant vaccine, needle free vaccine, Hepatitis C vaccines, malaria, HIV vaccines.

Subtopics:

Oral vaccine delivery
Nanotechnology in vaccine delivery
Intradermal / subcutaneous vaccine delivery
Needle free vaccine delivery
Recent development in vaccine research
Plant based vaccines
Design of active targeted vaccine
New insights in vaccine development against malaria
Current progress in the development of HIV vaccines
A review on development of vaccine against Hepatitis C

Schedule:

Manuscript submission deadline:	15 June, 2014
Peer Review Due:	31 July, 2014
Revision Due:	31 August, 2014
Notification of acceptance by the Guest Editor:	15 September, 2014
Final manuscripts due:	30 September, 2014