Tentative Outline

Special Issue for Current Nanomedicine
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ANTICANCER DRUG-LOADED NANOPARTICULATE DRUG DELIVERY

Aims & Scope:

Nanotechnology is a multidisciplinary field that uses ideology from chemistry, biology, physics, and engineering to devise and prepare nanoscale devices. Nanoparticles as drug delivery systems allow distinctive approaches for management of cancer. Over the last few years, a large number of nanoparticle delivery systems have been developed for cancer therapy, including organic and inorganic materials. Many liposomal, polymer-drug conjugates, and micellar formulations are part of the state of the art in the clinics, and an even greater number of nanoparticle platforms are currently in the preclinical stages of development. More recently developed nanoparticles are demonstrating the potential sophistication of these delivery systems by incorporating multifunctional capabilities and targeting strategies in an effort to increase the efficacy of these systems against the most difficult cancer challenges, including drug resistance and metastatic disease. This special issue is focused mainly on the nanoparticle technologies with a particular emphasis on the development of nanocarrier drug delivery systems for cancer therapy applications.

We're interested in original research, viewpoints, short communication, case studies on polymeric nanoparticles, polymersome nanoparticles, dendrimers, nanoshells, inorganic/metallic nanoparticles (gold, silver, silica, iron oxide, quantum dots), hybrid nanoparticles, micelles, biological (bacterial, viral) nanoparticles, magnetic and protein (albumin) nanoparticles dealing with "Anticancer Drug-Loaded Nanoparticulate Drug Delivery ".

Key words: Nanoparticle Drug delivery, Cancer therapy, Inorganic, Liposome, Polymeric

Schedule:
Deadline for submission : 30th August, 2017
Peer Review Due : 15th September, 2017
Revision Due : 30th September, 2017
Notification of acceptance by the Guest Editor : 10th October, 2017
Final manuscripts due : 30th October, 2017
Final date of Submission of Special issue : November, 2017