BIOINTERFACE RESEARCH IN APPLIED CHEMISTRY

www.BiointerfaceResearch.com

Special Issue NOVEL STRATEGIES IN DRUG DELIVERY WITH LIPID-BASED NANOSYSTEMS

Silvia Arpicco 1*

AIM AND SCOPE

Lipid-based nanovectors are widely used as drug delivery systems (i.e. for anticancer compounds) thank to their ability to target specific tissues or cells, to deliver drugs in a controlled manner, and/or to lower the necessary dose in order to decrease the toxicity of the corresponding treatment. This 'hot topic' thematic issue is dedicated to the recent advances in the preparation and characterization of nanosystems for active agents delivery. I encourage authors to submit research papers and comprehensive reviews for this Special Issue.

Keywords: Nanocarriers, drug delivery, biomaterials, anticancer drugs, peptides, proteins, drugs, oligonucleotides,, active targeting.

SUBTOPICS

1	Liposomes	4	Active compounds
2	Nanoparticles	5	Functionalization of biomolecules
3	Lipids	6	Gene therapy

SCHEDULE	

Manuscript submission deadline	September 30, 2014
Peer Review Due	December 15, 2014
Revision Due	January 30, 2015
Notification of acceptance by the Guest Editor	February 15, 2015
Final manuscripts due	March 15, 2015

¹ Dipartimento di Scienza e Tecnologia del Farmaco, University of Torino, Via Pietro Giuria 9, 10125 Torino, Italy *e-mail address: *silvia.arpicco@unito.it*