

Special Issue

New Advances in the Understanding of Proteases as Diagnostic and Pharmaceutical Targets in Homeostatic and Pathologic Conditions

Message from the Guest Editor

Dear colleagues,

Recent advances in the field of drug delivery showed tremendous potential and benefits in engineering pharmaceutical technologies able to respond to environmental stimuli. Chemical, physical and biological stimuli can be harnessed to trigger therapeutic, diagnostic, and targeting properties of pharmaceuticals, imaging probes, nano-, and microcarriers. Such technologies were shown to provide in vivo superior targeting and safety while ameliorating current management for various pathological conditions. The ubiquitous and redundant expression of proteases attracted the interest of the scientific community to generate more efficient therapeutic, diagnostic, and theranostic tools able to respond to the activity of these enzymes. To this goal, I invite scientists from any medical field to submit their original papers or reviews regarding synthesis, characterization, therapeutic and imaging properties of pharmaceuticals, diagnostic tools, and carriers which properties can be triggered by intra- and extracellular proteases.

Guest Editor

Dr. Alessandro Parodi

Scientific Center for Translation Medicine, Sirius University of Science and Technology, 354340 Sochi, Russia

Deadline for manuscript submissions

closed (20 May 2022)



Pharmaceutics

an Open Access Journal
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Impact Factor 5.5
CiteScore 10.0
Indexed in PubMed



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Pharmaceutics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
pharmaceutics@mdpi.com

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Prof. Dr. Patrick J. Sinko

Ernest Mario School of Pharmacy, Rutgers, The State University of New Jersey, William Levine Hall, Room 225C, 160 Frelinghuysen Road, Piscataway, NJ 08854-8020, USA

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