

Special Issue

Research on Protein-Based Nanoparticles and Their Pharmaceutical Applications

Message from the Guest Editors

This Special Issue focuses on protein-based nanoparticulate systems and their diverse biomedical applications, enabling disease prevention, diagnosis and therapy. Being natural, biocompatible and biodegradable, proteins have been used as an alternative to synthetic polymers to formulate nanoparticles for the targeted delivery of both therapeutic and diagnostic agents. Protein-based nanoparticles can be prepared via different green and mild nanoprecipitation methods. Various proteins, such as albumin, globulin, gelatin and gliadin, have been employed to fabricate nanoparticles for cancer treatment.

Guest Editors

Dr. Mouhamad Khoder

Department of Pharmacy, School of Life Sciences, Pharmacy & Chemistry, Kingston University, Penrhyn Road, Kingston upon Thames KT1 2EE, UK

Dr. Hachemi Kadri

Department of Pharmacy, School of Life Sciences, Pharmacy & Chemistry, Kingston University, Penrhyn Road, Kingston upon Thames KT1 2EE, UK

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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
Department of Pharmaceutics, Ernest Mario School of Pharmacy,
Rutgers University, Piscataway, NJ 08854, USA

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