

Special Issue

Supercritical Fluid and Pharmaceutical Applications

Message from the Guest Editor

Depending on the role played by the supercritical carbon dioxide, different processes have been successfully applied in the pharmaceutical field, in order to obtain microparticles and nanoparticles of active principles, coprecipitate drugs with biocompatible polymers, generate membranes and aerogels for pharmaceutical applications, impregnate drugs in porous structures, or produce solid lipid nanoparticles or liposomes. The aim of this Special Issue is to collect research and review papers on different supercritical carbon dioxide applications in the pharmaceutical field. Contributions dealing with the processing of active principles and the attainment of polymer/drug composites in form of micro and nanoparticles, foams, membranes, aerogels or liposomes for drug delivery are welcome. Keywords

- Supercritical carbon dioxide
- Microparticles and nanoparticles processing
- Membranes, aerogels and foams
- Liposomes and solid lipid nanoparticles
- Targeted and controlled drug delivery
- Supercritical Impregnation

Guest Editor

Prof. Dr. Iolanda De Marco

Industrial Engineering Department, University of Salerno, Via Giovanni Paolo II, 132, I-84084 Fisciano, SA, Italy

Deadline for manuscript submissions

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

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Message from the Editor-in-Chief

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Editor-in-Chief

Prof. Dr. Patrick J. Sinko
Department of Pharmaceutics, Ernest Mario School of Pharmacy,
Rutgers University, Piscataway, NJ 08854, USA

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