



The Role of Fungi in Pharmaceutical Biotechnology

Guest Editors:

Prof. Dr. Mircea Ioan Popa

Department of Microbiology,
Faculty of Medicine, 'Carol Davila'
University of Medicine and
Pharmacy, 020021 Bucharest,
Romania

Dr. Marco G. Casteleijn

VTT Technical Research Centre of
Finland, FI-02044 Espoo, Finland

Deadline for manuscript
submissions:

closed (20 February 2022)

Message from the Guest Editors

Dear Colleagues,

Biopharmaceuticals are an important and continuously growing class of pharmaceuticals, having found frequent use and an integral role in the treatment of many different diseases. In general, the development and production of biopharmaceuticals involves prokaryote systems; however, most often, due to the need of complex (post-translational) modifications, eukaryotic systems such as yeast or mammalian cells are used. In addition to filamentous fungi-derived pharmaceuticals, molds and fungi still play an important role in antibiotic production. More recently, fungi have been showing the highest titers for protein and peptide production, including biopharmaceuticals.

The aim of this Special Issue of *Pharmaceutics* is to collect research and review papers regarding products manufactured in, extracted from, or semisynthesized with the aid of fungi. We welcome articles dealing with all aspects of fungal-based biotechnology and invite researchers and drug developers to publish their original research or review articles with expert opinions and perspectives in the area of therapeutics.





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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

Message from the Editor-in-Chief

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Pharmaceutics Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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