

Special Issue

Silica-Based Carriers for Drug Delivery

Message from the Guest Editors

The design of silica-based carriers as drug delivery systems has grown exponentially due to their remarkable adjustable characteristics such as high surface area, chemical and physical stabilities, high loading and release capacities, tunable particle and pore structures, as well as good biocompatibility, biodegradability and easy clearance. However, before fabricating a smart and specific silica-based platforms is extremely relevant to know and well-understand the main exposure routes that exploit their qualities, such as intravenous, subcutaneous, intramuscular, intratumoral, ophthalmic, pulmonary, nasal, dermal, and oral administrations, and so forth. Taking into account the relevance and timely contribution of silica nano and microsystems as smart carriers for efficient drug delivery via several routes of administration, we would like to invite you to participate by proposing short communication, original and review papers to this issue: “Silica-based carriers for drug delivery”. This special edition of *Pharmaceutics* deals with new strategies to design and to apply any type of silica-based carriers as effective drug delivery systems.

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