

## Special Issue

# Ocular Drug Delivery: Present Innovations and Future Challenges

### Message from the Guest Editors

The eye has been largely at the forefront of translational therapy due to appropriate disease targets and its suitable anatomic features. However, the eye possesses very limiting barriers to the accessibility of drugs, and the design of effective delivery systems to the anterior and, more particularly, the posterior segment of the eye is a challenging issue for the pharmaceutical scientists.

The increasing demand for effective and, ideally, non-invasive drug delivery methods is especially important in the case of ocular administration. In addition, ocular delivery systems have to face new therapeutic approaches including the administration of biological entities, e.g., monoclonal antibodies, peptides, proteins, cellular therapies or nucleic acids.

This Special Issue attempts to highlight the current state and future perspectives in the research area of ocular drug delivery systems. It will be focused on innovative devices for topical and intraocular drug administration, in vivo, ex vivo and in vitro 3D models, and the challenges and opportunities for implementation of advanced therapy medicinal products that comprise cell therapies, gene therapeutics, and tissue engineered products.

### Guest Editors

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