



Novel Nanoparticle Formulations for Retinal Drug Delivery

Guest Editor:

Dr. José Hurst

University Eye Hospital
Tuebingen, Elfriede-Aulhorn - Str.
7, 72076 Tübingen, Germany

Deadline for manuscript
submissions:

closed (20 November 2023)

Message from the Guest Editor

Dear Colleagues,

The delivery of drugs intended to reach the retina is very complex. Nanocarriers, such as nanoparticles, can deliver ophthalmic drugs to specific targets and promise to revolutionise the treatment of many eye diseases. To date, the results strongly suggest that ophthalmology stands to benefit enormously from the use of this nanotechnology. In recent decades, nanotechnology appears to be creating new horizons for the treatment of ocular diseases by enabling the controlled release of drugs, ensuring fewer side effects, improving drug bioavailability, and forcing drug uptake into retinal cells. Numerous drug delivery systems have also been investigated regarding their ability to reach the posterior segment of the eye through topical application. The aim of this Special Issue is to provide an update on recent advancements in the synthesis, development and use of nanoparticles for drug delivery and sustained release in the retina, in view of the practical potential of nanoparticles and nanoformulations.





an Open Access Journal by MDPI

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

Pharmaceutics (ISSN 1999-4923) is an online open access journal on the science and technology of pharmaceutics and biopharmaceutics. The scientific community, the wider community and the general public have unlimited and free access to the content as soon as a paper is published; this open access to your research ensures your findings are shared with the widest possible audience. Please consider publishing your impressive work in this high quality journal. We would be pleased to welcome you as one of our authors.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Pharmacology and Pharmacy) / CiteScore - Q1 (Pharmaceutical Science)

Contact Us

Pharmaceutics Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/pharmaceutics
pharmaceutics@mdpi.com
X@MDPIpharma