



## Novel Nanoparticle Formulations for Retinal Drug Delivery

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### 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.





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