

## **Stimuli-responsive hydrogels for ophthalmic drug delivery**

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Stimuli-Responsive Hydrogels for Ophthalmic Drug Delivery covers fundamental aspects in the preparation of polymeric in-situ, stimuli-responsive hydrogels, including properties, characterization, chemistry, and fabrication of these hydrogels. The book will help the reader select the most appropriate material and design for the desired application. The book goes on to review applications in ophthalmic drug delivery, covering in vitro and in vivo models, animal models, preclinical testing, patents, and more. This is a must-have reference for researchers and academics in the fields of materials science, biomaterials, pharmacology and polymer science, with an interest in clinical aspects of hydrogel design and application.