



## Current Trends and Advances in Stimuli-Responsive Polymers and Hydrogels

Guest Editors:

**Dr. G. Roshan Deen**

School of Medicine, Royal  
College of Surgeons in Ireland  
(RCSI), Medical University of  
Bahrain, Busaiteen, Bahrain

**Prof. Dr. Jan Skov Pedersen**

Department of Chemistry &  
Nanoscience Center, Aarhus  
University, Aarhus C, Denmark

Deadline for manuscript  
submissions:

**closed (31 July 2021)**

### Message from the Guest Editors

One of the basic processes of living organisms is response to stimuli. Using this fundamental, natural process as a basis, scientists have long been involved in the development of novel materials that respond to external stimuli.

Progress in medicine today heavily relies on the development of new systems to detect and treat pathological events during the early stages with minimal side effects. In this respect, stimuli-responsive systems are of particular interest, as response to external stimuli represents an important property in medical applications. A large variety of stimuli-responsive polymers has been developed to serve diagnostic and therapeutic processes, and this field continues to grow. Understanding the structure–property relationships of new stimuli-responsive materials is highly essential for rational design with targeted applications in medicine.

For this Special Issue, “Current Trends and Advances in Stimuli-Responsive Polymers and Hydrogels”, we will consider manuscripts that deal with synthesis methodologies, structure–property relationships, and biomedical applications of stimuli-responsive polymers.





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### **Prof. Dr. Alexander Böker**

Lehrstuhl für Polymermaterialien  
und Polymertechnologie,  
University of Potsdam, 14476  
Potsdam-Golm, Germany

## Message from the Editor-in-Chief

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

Tel: +41 61 683 77 34  
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