

Special Issue

Recent Developments in Functional Polyelectrolyte Systems

Message from the Guest Editor

A remarkable feature of **polyelectrolyte systems** is their strong and selective sensitivity towards a variety of internal and external factors. We can control their conformation, phase behaviour, volume properties, and surface activity by varying their structure, concentration, pH, and the type of solvent used and by introducing surfactants or low-molecular additives. Therefore, research activities focused on revealing structure–property relationships of polyelectrolyte systems or predicting their responses to applied factors represent a vibrant and impactful area of fundamental and applied science today. This Special Issue of *Polymers* focuses on recent developments in **functional polyelectrolyte** systems made up of polymers, nanoparticles, colloids, etc. It intends to **highlight their fundamental and applied advancements** in drug delivery applications, diagnostic medicine, and the fabrication of smart materials and contribute to explaining new aspects of their stimuli-responsive behaviour. An **early-bird discount** will be available for submissions before **December 2022**. Please contact SI editor shelly.gu@mdpi.com for details.

Guest Editor

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Deadline for manuscript submissions

closed (20 September 2023)



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Message from the Editor-in-Chief

Since its foundation in 2009, *Polymers* has developed into an internationally renowned, extremely successful open access journal. The editorial team and the editorial board dedicatedly combine open-access publishing and high-quality rigorous peer reviewing. The performance of the journal has proven this strategy to be well-suited and highly successful. This is reflected in the increasing impact factor of *Polymers*, the most recent one being 4.9.

I would like to invite you to contribute to the success of the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Alexander Böker

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