# Special Issue

# Microfluidics as a Platform to Manufacture, Manipulate and Test Polymeric Entities

## Message from the Guest Editor

Microfluidics has proven to be an extraordinary working platform for producing, manipulating and studying fluid and solid microentities, such as fibers, drops, capsules, particles and ligaments. The applications of these microentities is of great interest in very diverse fields, such as pharmacy, biomedicine, biotechnology, industrial engineering, and the food and agriculture industry, among others. Many of the microfluidic applications involve the processing of polymeric/viscoelastic microentities (filaments, droplets, jets, capsules, etc.). The interaction between the processing conditions and the liquid rheology plays a fundamental role in those applications. This interaction can fundamentally alter the dynamical response of the system. This Special Issue aims to present studies in this field that will contribute to the understanding of the phenomena involved and the development of new techniques. The Special Issue will cover work ranging from fundamental analyses to applications of microfluidics as applied to polymeric/viscoelastic liquids. Experimental, numerical and theoretical work is welcome.

## Guest Editor

Dr. Emilio J. Vega Rodríguez
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## Deadline for manuscript submissions

closed (5 November 2022)

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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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