


Editorial

Introduction to a New Open Access Journal by MDPI: *Reactions*

Dmitry Yu. Murzin 

Faculty of Science and Engineering, Åbo Akademi University, 20500 Turku/Åbo, Finland; dmurzin@abo.fi

Received: 24 May 2018; Accepted: 24 May 2018; Published: 25 May 2018



The readers of these words can all tell their personal stories why they have selected (bio)chemistry and (bio)chemical engineering as an occupation. For some, it was about fascinating chemical compounds or fantastic materials or something else. The chemical transformations or processes that convert chemical substances to other ones were the reason that I personally became interested in chemistry some 40 years ago. While different aspects of chemical reactions are addressed in numerous journals, my strong feeling that there is a clear niche for a scientific journal, which will cover various aspects of reaction chemistry and engineering under one roof and publish top-quality experimental, theoretical, computational, and modelling studies.

Herein, I would like to introduce a new online, open access journal published by MDPI, namely, *Reactions*, to all of the readers. All of the manuscripts that will be submitted to *Reactions* will be maintained with rapid, yet rigorous, peer-review, manuscript handling, and editorial processes.

For this journal, contributions in the form of original research papers, review articles, communications, and short notes are welcome. There are no restrictions on the length of paper, thus we hope that experimental and theoretical results will be reported in as much detail as possible. The scope of *Reactions* covers a broad range of research areas and topics including, but not limited to the following:

- Reaction mechanism and kinetics
- Reaction screening and optimization
- Complex reactions
- Reaction network analysis
- One-pot, tandem, domino reactions
- Catalysis
- Reaction monitoring
- Development of new reactions and methodologies
- Chemical reaction engineering
- Bioreaction engineering
- Catalytic reaction engineering
- Electrochemical and photochemical reaction engineering
- Environmental reaction engineering
- Polymerization reaction engineering
- Reactor engineering
- Emerging reactor technologies
- Modeling, design, control, and optimization of chemical reactors
- Micro-reactors and micro reaction engineering
- Multiphase systems and reacting flows

We also hope that the authors will bring examples from various fields of fundamental and applied chemistry and engineering. The journal welcomes Special Issue proposals that are devoted to some topical areas.

On behalf of the Editorial Board, I would like also to thank MDPI for the support in launching the journal and I look forward to the great success of *Reactions*.



© 2018 by the author. Licensee MDPI, Basel, Switzerland. This article is an open access article distributed under the terms and conditions of the Creative Commons Attribution (CC BY) license (<http://creativecommons.org/licenses/by/4.0/>).