## **Special Issue**

# Frontiers in Molecule-Based Magnets

## Message from the Guest Editor

Molecule-based magnets have witnessed an enormous development over the past few decades due to an intense focus on the discovery of new materials and phenomena and the need for a deeper understanding of the origin of their properties. It is an interdisciplinary field that combines several categories of fascinating species, including single molecule/chain/ion magnets, ferromagnets, spin crossover systems, thermal/photo/pressure-induced magnetic switches, spintronics, etc., which have the potential to be used in a wide range of technological and biomedical applications. This Special Issue aims to present research that spans the entire landscape of molecule-based magnets and identify and review the recent developments and breakthroughs in this field.

#### **Guest Editor**

Dr. Constantina Papatriantafyllopoulou School of Chemistry, National University of Ireland Galway, Galway, Ireland

## Deadline for manuscript submissions

closed (31 May 2022)



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## Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 29th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts, and novel materials. Pushing the boundaries of the discipline, we invite papers on all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of these areas.

#### Editor-in-Chief

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