



## Molecular Design of Sustainable Approaches for Advanced Battery Systems

Guest Editors:

**Dr. Senentxu Lanceros-Mendez**

BCMaterials, Basque Center for Materials, Applications and Nanostructures, UPV/EHU Science Park, 48940 Leioa, Spain

**Dr. Carlos Miguel Costa**

Centre of Physics, University of Minho, 4710-057 Braga, Portugal

**Dr. Renato Gonçalves**

Centre of Chemistry, University of Minho, 4710-057 Braga, Portugal

Deadline for manuscript submissions:

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### Message from the Guest Editors

Dear Colleagues,

In a technologically advanced world where mobility is essential, there is an increasing demand for the development of more eco-friendly, efficient, and effective energy storage systems to be applied in a wide range of applications. The paradigm is to develop novel materials and structures for the various battery components (electrodes, separators, and solid polymer electrolytes) for different energy storage systems through molecular design at different levels). This should result in batteries with improved discharge capacity, excellent cycling performance, and minimal volume change after numerous charge cycles.

This Special Issue seeks to address the use of sustainable materials and battery system solutions in this context, with a focus on the molecular properties of the various materials present in the different components of the batteries and how these properties allow the improvement of their functional response and the overall battery performance.

It is our pleasure to invite you to submit original research papers or state-of-the-art reviews within the scope of this Special Issue.





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### Prof. Dr. Maurizio Battino

Department of  
Odontostomatologic and  
Specialized Clinical Sciences,  
Sez-Biochimica, Faculty of  
Medicine, Università Politecnica  
delle Marche, Via Ranieri 65,  
60100 Ancona, Italy

## Message from the Editor-in-Chief

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MDPI, St. Alban-Anlage 66  
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