



## **(Di)electrical and Catalytic Functionality in Advanced (Bio)materials: Synthesis and Structure–Properties Investigation**

Guest Editors:

**Dr. Jana Pisk**

Department of Chemistry,  
Faculty of Science, University of  
Zagreb, Zagreb 10000, Croatia

**Dr. Luka Pavic**

Ruder Bošković Institute,  
Bijenička Cesta 54, 10000 Zagreb,  
Croatia

### **Message from the Guest Editors**

We invite you to contribute to this Special Issue of MDPI's *International Journal of Molecular Science*, named “(Di)electrical and Catalytic Functionality in Advanced (Bio)materials: Synthesis and Structure–Properties Investigation”. This Special Issue welcomes novel manuscripts dealing with previously unpublished advances in the following areas:

1. Design of novel advance (bio)-based materials/systems followed by their optimized preparation techniques (e.g., using green methods along with post-processing);
2. Use of conventional and advanced characterization techniques (alone or in combination) and monitoring (in situ/operando) of (micro)structural characteristics under steady or variable conditions (frequency, temperature, atmosphere, substrate etc.) that have a significant influence on the final properties (thermal, (di)electrical, catalytic, mechanochemical, and other (in)directly influenced by structural modifications and compositions) and structure–properties correlations;
3. Application and compatibility studies: implementation of prepared advanced (bio)materials in target application areas (e.g., catalysis, sensors, battery components, etc.)

Deadline for manuscript  
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Department of  
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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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