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Transition Metals in Catalysis: The Functional Relationship of Fe–S Clusters and Molybdenum or Tungsten Cofactor-Containing Enzyme Systems

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submissions:

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Message from the Guest Editors

Dear Colleagues,

Following the Molybdenum and Tungsten Enzyme conference “MoTEC” and the satellite meeting on “Iron-Sulfur for Life”, we kindly invite you to submit a research paper to this Special Issue of *Inorganics* entitled “**Transition Metals in Catalysis: The Functional Relationship of Fe–S Clusters and Molybdenum or Tungsten Cofactor-Containing Enzyme Systems**”. Contributions should study enzyme mechanisms, innovative model complexes, and biogenesis pathways that are interconnected by distinct metal ions, in particular, molybdenum, tungsten, and iron. The particular focus is on molybdenum and tungsten cofactor-containing enzyme systems, nitrogenase and Fe–S cluster assembly, and insertion into enzymes. We encourage everyone within these research fields to submit an article so that we can compile a comprehensive Special Issue that may inspire future research directions.

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Special Issue



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Message from the Editor-in-Chief

Inorganic chemistry remains a lynchpin of modern chemistry, not only embracing the function and reactivity of combinations of most elements of the periodic table, but also providing a footing for studies of materials, catalysts, drugs, fuels and industrial chemicals. Arguably, the role and reach of inorganics in society have never been as great as today. Adventurous research at the heart and at the extremes of inorganic chemistry is vital to further advances and *Inorganics* offers authors the opportunity to publish exciting new research in an open access format.

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