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Recent Advances in Catalytic Synthesis and Application of Heterocyclic and Heteroatom Compounds

Guest Editors:

Prof. Dr. Vladimir A. Potapov

AE Favorsky Irkutsk Institute of Chemistry, Siberian Branch, Russian Academy of Sciences, Irkutsk, Russia

Prof. Dr. Svetlana V. Amosova

AE Favorsky Irkutsk Institute of Chemistry, Siberian Branch, Russian Academy of Sciences, Irkutsk, Russia

Dr. Alexander V. Martynov

AE Favorsky Irkutsk Institute of Chemistry, Siberian Branch, Russian Academy of Sciences, Irkutsk, Russia

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Message from the Guest Editors

The chemistry of heterocyclic and heteroatom compounds is a vast and important area of research. These compounds have attracted considerable attention due to their various valuable properties and diverse biological activities. Many of these compounds are useful ligands for transition metal catalysts, which play a huge role in modern organic synthesis.

The Special Issue will focus on the recent advances in catalytic synthesis and application of heterocyclic and heteroatom compounds. Original research articles and reviews describing advanced catalytic approaches and innovative methodologies are especially welcome. Contributions may cover all aspects of design, catalytic synthesis, and application of organic heteroatom and heterocyclic compounds. Particular attention will be paid to the synthesis of new efficient catalysts and compounds that mimic the catalytic functions of enzymes, including glutathione peroxidase.



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Special Issue