



Journal of Chemistry

Special Issue on
**Recent Advances in the Synthesis of Biologically
Active Nitrogen-Containing Heterocycles**

CALL FOR PAPERS

The development of new strategies for the synthesis of nitrogen-containing heterocycles attracts a great deal of interest from chemists in both academia and industry. They are found in various natural products, biologically active structures, and medically relevant compounds. Furthermore, they were found to possess interesting pharmacological activities that include, but are not limited to, antirheumatic, anti-inflammatory, antipyretic, antitumor, antiviral, and analgesic properties. This special issue is intended to present and discuss the new developments in the chemistry of biologically active nitrogen-containing heterocycles. We solicit high quality, original research articles as well as review articles focused on this topic.

Potential topics include, but are not limited to:

- ▶ Recent development in the synthesis of N-containing heterocycles *via* transition metal catalyzed cross coupling reactions
- ▶ Synthesis of biologically active molecules *via* functionalization of nitrogen-containing heterocycles
- ▶ Microwave-assisted synthesis of biologically active N-containing heterocycles
- ▶ Asymmetric synthesis of biologically active nitrogen heterocycles
- ▶ A combinatorial chemistry approach to new biologically active nitrogen-containing materials

Authors can submit their manuscripts via the Manuscript Tracking System at <http://mts.hindawi.com/submit/journals/jchem/medicinal.chemistry/anch/>.

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