## Combinatorial Chemistry & High Throughput Screening

**Title:**Nitrogen Containing Privileged Structures and their Solid Phase Combinatorial Synthesis

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**Author(s):** Amit Verma, Mange Ram Yadav, Rajani Giridhar, Navnit Prajapati, Avinash C. Tripathi and Shailendra K. Saraf

## Affiliation:

• Babu Banarasi Das Northern India, Institute of Technology, BBD City, Faizabad Road, Lucknow- 227105, U.P., India., India

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**Abstract:** The existence of preferred molecular scaffolds that possess inherent biological activity, called privileged structures, is now well recognized. Such privileged structures not only provide enhanced drug-like properties but also give new hits for developing leads. The synthesis of combinatorial libraries, especially with the insertion of privileged substructures into heterocyclic moieties containing nitrogen, provides for a greater probability of the discovery of novel lead compounds using chemical transformation. The review focuses on the progress in the solidphase synthetic strategies of nitrogen containing privileged structures over the years.

