



BioMed Research International

Special Issue on
**Computation Approaches for Antimicrobial Drug
Discovery**

CALL FOR PAPERS

Conventional methods for drug development are extremely expensive and time consuming. Pharmaceutical companies spend on average 20 years and millions of dollars in translating a new drug into the clinic. Therefore, there is an urgent need to develop approaches that help reduce the time and cost associated with this process. Computer aided drug design, coupled with downstream high-throughput screening and biotechnological methods have recently been described which substantially improve and accelerate drug discovery.

In this special issue, we invite investigators to contribute original research pieces as well as review articles.

Potential topics include, but are not limited to:

- ▶ Computational approaches in antimicrobial drug discovery
- ▶ Bioinformatics methods for identifying novel targets
- ▶ Barriers and limitations of bioinformatics in antimicrobial drug discovery
- ▶ Pharmacogenomics in antimicrobial drug discovery and development
- ▶ Protein/peptides antimicrobial drug discovery

Authors can submit their manuscripts via the Manuscript Tracking System at <http://mts.hindawi.com/submit/journals/bmri/computational.biology/bddd/>.

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