

# **Tentative Outline**

## **Special Issue for Current Medicinal Chemistry**

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### **Intelligent platforms for drug design and development**

#### **Aims & Scope:**

Drug design and development has continuously called for a deeper understanding of underlying medicinal chemistry. However, conventional trial-and-error approach is tedious and suffers from low successful rate. While Artificial Intelligence (AI) has been emerged in various research areas, its application in understanding medicinal chemistry remains at starting stage. Efforts in this aspect include interdisciplinary theories concerning the perspective and practice of artificial intelligence (AI) in medicine, drug design, drug development and drug synergy.

#### **Keywords:**

Medicine Design, Drug Development, Synergistic Medical Chemistry, Antagonistic Medical Chemistry, Artificial Intelligence, Intelligent methodologies, Drug Combination.

#### **Subtopics:**

- Ø **Artificial Intelligence (AI) in Medicine Structure Design and Development**
- Ø **Artificial Intelligence (AI) in Medicine Efficacy and Toxicity**
- Ø **Artificial Intelligence (AI) in Drug Combination Design and Development**
- Ø **Artificial Intelligence (AI) in Drug Carrier Design and Development**
- Ø **Artificial Intelligence (AI) in Data Base Analysis**

**Schedule:**

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