

Tentative Outline

SPECIAL ISSUE FOR CARDIOVASCULAR & HEMATOLOGICAL DISORDERS-DRUG TARGETS (CHDDT)

**Guest Editor: Dr.Kumaresan Ramanathan,
Associate Professor in Biochemistry, Institute of Biomedical Sciences,
College of Health Sciences, Mekelle University (Ayder Campus), Mekelle, Ethiopia**

**Title of the Special Issue: EMERGING BIOMARKERS AND THERAPEUTIC TARGETS FOR
CARDIOVASCULAR DISEASES**

Aim & Scope:

Cardiovascular disease (CVD) is the leading cause of death and disease burden worldwide. Great advances in establishing risk factors and new developments in therapy to further understand the pathophysiology of CVD, to improve accurate diagnostics, and to develop new therapeutic targets are inevitable. Biomarkers have served as tools for diagnosing and estimating the prognosis of cardiovascular disease, and have also been used to predict cardiovascular risk in patients without cardiovascular disease. A biomarker is a characteristic that can be objectively measured and evaluated as an indicator of a biological, pathogenic, or pharmacological processes or responses. To be useful clinically, biomarkers need to be accurate, reproducible, and standardised. Several biomarkers are now considered standard predictors, and new ones continue to be developed, but evidence about new markers has not been substantial. New markers, however, could provide more information about cardiovascular disease development and treatment, and reduce the burden on the health care system.

Keywords: Cardiovascular Diseases, Biomarkers, New therapy, Risk factors, Prognosis

Tentative Titles/subtopics:

Potential topics include, but are not limited to:

- ❖ **OMICS Technology for biomarker discovery**
- ❖ **Computational and Molecular docking studies**
- ❖ **Herbal medicine and its mechanism of action**
- ❖ **Nanomedicine**
- ❖ **Drug delivery**
- ❖ **Human and Animal trials/studies**
- ❖ **Synthetic molecules and its mechanism of action**
- ❖ **Gene therapy**
- ❖ **Stem cell therapy**
- ❖ **Gene Editing**

Schedule:

Manuscript submission deadline: **February 10, 2018**

Peer Review Due: **March 30, 2018**

Revision Due: **April 10, 2018**

Notification of acceptance by the Guest Editor: **April 20, 2018**

Final manuscripts due: **April 30, 2018**