

## **Tentative Outline**

**Special Issue for Current Medicinal Chemistry**

**Guest Editor: Dr. Christos Savopoulos**

### **Title of Thematic Issue: Vascular aging and stroke**

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

Vascular aging is defined as the age-related deterioration of the vascular structure, endothelial and smooth muscle cells. It constitutes a significant physiological and pathological process since it is related to various chronic diseases' pathogenesis. It can also be related to the increased susceptibility of several risk factors, such as hypertension, diabetes mellitus, and atherosclerosis. The thematic issue's scope is to investigate the correlation between vascular aging and stroke according to various clinical and laboratory risk factors and pathological processes promoting therapeutic measures and elucidating the clinical applications on this matter.

#### **Keywords:**

Vascular aging, Stroke, Atherosclerosis, Risk Factors, Hypertension Diabetes Mellitus, Inflammation, Oxidative Stress

#### **Subtopics:**

- 1) Telomere Length
- 2) Innate immunity
- 3) Ultrasound findings
- 4) Diabetes
- 5) Hypertension
- 6) Obesity-Adipokines
- 7) Inflammation and Oxidative Stress

**Schedule:**

The deadline of the articles' completion will be the end of April 2021