

Tentative Outline

Special Issue for Current Medicinal Chemistry

Guest Editor: Dr. Fabrizio Montecucco

Co-Guest Editor: Federico Carbone

The role of PCSK9 in atherogenesis and inflammatory diseases

Aims & Scope:

Inflammation is now viewed as a key determinant of disorders that primarily account for morbidity and mortality in developed countries (i.e. cardiovascular, malignant, infections and other inflammatory diseases). Among the different inflammatory components, PCSK9 can be considered a central player in the pathogenesis of inflammation, independently of its role in modulating serum cholesterol. Given this scenario, approaches that interfere with PCSK9 may have major therapeutic impact in modulating inflammation not only in atherogenesis. In the present Hot Topic Issue, invited authors will update and discuss on the mechanisms regulating PCSK9 levels and functions, as well as emerging and consolidated approaches to pharmacologically modulate this molecules.

Keywords:

PCSK9, inflammation, cardiovascular diseases, infectious diseases, cholesterol, atherogenesis.

Subtopics:

- PCSK9 and atherogenesis
- PCSK9 and cancer
- PCSK9 and infections
- PCSK9 and autoimmune disease

Schedule:

Thematic issue submission deadline: 31st March 2021