

## Tentative Outline

### Special/Thematic Issue for the journal "Current Pharmaceutical Design - CPD"

**Tentative Title: Contemporary management of risk factors in coronary artery disease.**

**Guest Editor: Dimitris Tousoulis**

#### Scope of the Thematic Issue:

Coronary artery disease is an entity characterized by high morbidity and mortality rates despite the latest advances in its management. Moreover, it is frequently accompanied by traditional risk factors such as arterial hypertension, diabetes mellitus, and hyperlipidemia. Therefore, optimal treatment of coronary artery disease *per se* and its associated risk factors is essential in ameliorating the prognosis of patients. Additionally, non-canonical risk factors have recently been proposed, including inflammation, perivascular fat, and gut microbiota among others which might also constitute therapeutic targets. In this thematic issue, we aim to review the contemporary knowledge associated with coronary artery disease management through revascularization, antithrombotic agents, and antianginal medication, together with the recent progress in the treatment of its associated risk factors. Looking to the future, the role of anti-inflammatory therapeutics, modulation of gut microbiota, and stem cell therapy will also be discussed in this context.

**Keywords:** arterial hypertension, diabetes mellitus, hyperlipidemia, perivascular fat, gut microbiota, antithrombotic.

#### Sub-topics:

- Dyslipidemia treatment
- Diabetes mellitus treatment
- Arterial hypertension treatment
- Anti-inflammatory treatment
- Antithrombotic treatment
- Anti-anginal treatment
- Coronary revascularization
- Novel therapeutic approaches (stem cells, gut microbiota, perivascular fat)

#### Tentative titles of the articles:

- PCSK9 inhibition in coronary artery disease
- Novel approaches in the management of diabetes mellitus in patients with coronary artery disease
- The role of Lp(a) in coronary artery disease management
- Anti-inflammatory therapies in coronary artery disease
- Novel invasive methods for treating arterial hypertension
- Novel concepts in the management of angina in coronary artery disease
- The role of direct oral anticoagulants in coronary artery disease
- Antithrombotic treatment in coronary artery disease
- Stem cell therapy in coronary artery disease
- Perivascular fat: A novel risk factor for CAD
- Gut microbiota and coronary artery disease: Current perspectives
- Current concepts and future perspectives in coronary artery disease revascularization

**Schedule:**

- ✧ Complete Thematic issue submission deadline: 1/10/2022

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