Tentative Outline

Special Thematic Issue for Current Vascular Pharmacology

Statins: they are really all the same?

Guest Editors: Francesca Cortese

Aims & Scope:
Cardiovascular diseases are the primary cause of early death and disability in Western countries. The control of blood cholesterol levels (total and low-density lipoprotein cholesterol) within the limits recommended by the current guidelines, is one of the cornerstones of the ischemic heart disease therapy. Statins are among the most widely used drugs in the fight against cardiovascular diseases, as they can reduce blood cholesterol levels. Furthermore, the ancillary effects of statins, the so-called pleiotropic effects, extend the range of therapeutic indications to other conditions different from the ischemic heart disease.

There are several statins available to the physician. Although they share the same principle of action, differences in the chemical composition and in pharmacokinetics (absorption, distribution, excretion and drug-drug interaction) influence therapeutic and adverse effects. Moreover, cost/benefit analysis limits the use of some molecules only to certain categories of patients.

The aim of this mini-thematic issue is to give a full overview of statins available on the market, analyzing their main features, with strengths and weaknesses, in order to provide the clinician with a useful tool in daily practice.

Keywords: low-density lipoprotein cholesterol, statins, and pleiotropic effects

Subtopics:
The subtopics to be covered within this issue are listed below:

➢ Statins: pharmacokinetics, pharmacodynamics and cost-effectiveness analysis.
➢ The Pleiotropic Effects of Statins – From Coronary Artery Disease and Stroke to Atrial Fibrillation and Ventricular Tachyarrhythmia
➢ Statins and elderly: from clinical trials to daily practice.
➢ Statin and comorbidity, how far we can go?

Schedule:

◇ Manuscript submission deadline: 05/10/2018

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