



## Recent Trends in Atherosclerosis and Related Diseases

Guest Editor:

**Dr. Ana Catarina Alves**

Departamento de Promoção da Saúde e Prevenção de Doenças Não Transmissíveis, Unidade de Investigação e Desenvolvimento, Instituto Nacional de Saúde Doutor Ricardo Jorge, Av. Padre Cruz, 1649-016 Lisboa, Portugal

Deadline for manuscript submissions:

**closed (31 July 2023)**

### Message from the Guest Editor

Atherosclerosis is a progressive disease characterized by the accumulation of lipids and fibrous elements in the large arteries, and it is the primary cause of coronary artery disease (CAD) and stroke. Atherosclerosis is a disorder with multiple genetic and environmental contributions. Deepening our knowledge of the mechanisms that cause atherosclerosis is the focus of this Special Issue.

### Keywords

- atherosclerosis
- lipid metabolism
- inflammation
- cell biology
- dyslipidemias





an Open Access Journal by MDPI

## Editor-in-Chief

**Prof. Dr. Giulio Nicola Cerullo**  
Dipartimento di Fisica,  
Politecnico di Milano, Piazza L.  
da Vinci 32, 20133 Milano, Italy

## Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), Inspec, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

## Contact Us

---

*Applied Sciences* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/applsci](http://mdpi.com/journal/applsci)  
[applsci@mdpi.com](mailto:applsci@mdpi.com)  
[X@Applsci](#)