

Special Issue

Molecular Research On Abdominal Aortic Aneurysm

Message from the Guest Editor

Abdominal aortic aneurysm (AAA) is among the 20 leading causes of death in the United States. Currently, open surgical repair and endovascular placement of a stent graft are the mainstay of treatments for AAA, and there are no FDA-approved medical therapies for AAA. Due to an aging patient demographic with known comorbidities including coronary artery disease, peripheral artery disease, obstructive lung disease, etc., the need exists for non-surgical therapeutic strategies to treat AAA. The risk factors for the development of AAA include age, male gender, family history, cardiovascular disease, and cigarette smoking. The underlying factors causing vessel damage and aneurysmal dilation remain largely unresolved at the cellular and molecular levels, particularly as it relates to understanding temporal differences during aneurysm initiation, progression, and rupture. The topics of this Special Issue include but are not limited to the cell types, factors, and signaling pathways that contribute to aneurysmal disease that could lead to future therapeutic and preventative strategies.

Guest Editor

Dr. Dai Yamanouchi

Division of Vascular Surgery, Department of Surgery, University of Wisconsin School of Medicine and Public Health, 1111 Highland Avenue, Madison, WI 53705, USA

Deadline for manuscript submissions

closed (30 June 2021)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/36505

*International Journal of
Molecular Sciences*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences,
Sez-Biochimica, Faculty of Medicine, Università Politecnica delle
Marche, Via Ranieri 65, 60100 Ancona, Italy

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