

## Special Issue

# Molecular Mechanisms of Aortic Valve Disease

### Message from the Guest Editor

Aortic valve stenosis is an increasingly prevalent heart disease due to an aging population. No treatment options are available that delay or reverse progression of this disease, making it a major unmet clinical need. The historical research focus on hypertension, atherosclerosis, and coronary heart disease, together with the previous paradigm that aortic valve stenosis was a passive process, have meant that there is much to be understood about the causal molecular mechanisms underlying the development and progression of the active disease process which underpins aortic valve stenosis, fibrosis, and calcification. In this Special Issue, we aim to host a collection of novel research insights from in vivo, ex vivo, and in vitro studies on the disease mechanisms involved that may provide the basis for much needed therapeutic options for aortic valve stenosis.

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### Guest Editor

Dr. Philip M. Coan  
Imperial College London, London, UK

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### Deadline for manuscript submissions

closed (31 October 2021)



## International Journal of Molecular Sciences

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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.

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### Editor-in-Chief

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