

Special Issue

Models and Methods for Computational Cardiology

Message from the Guest Editors

Advances in cardiovascular computational modeling and cardiovascular informatics together with these new imaging modalities create new opportunities for earlier interventions and better outcomes for cardiovascular disease, a global leader in human mortality. In this Special issue “Models and Methods for Computational Cardiology”, we welcome you to contribute a research paper or review article on any aspect of this topic including novel basic science or clinical approaches that better define the mechanisms of cardiovascular development and pathology. Novel models for pediatric and adult heart disease, including those that seek to improve outcomes from surgical interventions, are also relevant topics for this Special Issue. This is an excellent opportunity for clinical and basic sciences trainees in your group to contribute to the field.

Guest Editors

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Deadline for manuscript submissions

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About the Journal

Message from the Editor-in-Chief

The primary goal of the *Journal of Cardiovascular Development and Disease* (JCDD, ISSN 2308-3425) is to provide cardiovascular scientists a platform to publish their work in a quick and efficient way. Topics can range from studies designed to decipher the events underlying early heart development to studies focusing on the origins of congenital and acquired heart disease. Papers submitted to JCDD undergo a fast, yet thorough, peer-review process. In this process, we will apply strict ethical policies and standards. JCDD guarantees fast dissemination of results to a large scientific audience

Editor-in-Chief

Prof. Dr. Thomas Brand
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manuscripts are peer-reviewed and a first decision is provided to authors approximately 28.8 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the first half of 2025).