



## Models and Methods for Computational Cardiology

Guest Editors:

**Prof. Dr. Richard L. Goodwin**

Biomedical Engineering  
Department, College of  
Engineering and Computing,  
University of South Carolina,  
Greenville, SC 29605, USA

**Prof. Dr. Sandra Rugonyi**

Department of Biomedical  
Engineering, School of Medicine,  
Oregon Health Sciences  
University, Portland, OR 97239,  
USA

Deadline for manuscript  
submissions:

**closed (15 February 2023)**

### Message from the Guest Editors

Dear Colleagues,

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.

Prof. Dr. Richard L. Goodwin

Prof. Dr. Sandra Rugonyi

*Guest Editors*

