

## Special Issue

# In View of 3R: Experimental Disease Models for Studying Cardiorenovascular Pathology

### Message from the Guest Editors

This Special Issue aims to shed more light on current developments of suitable in vivo, ex vivo, and in vitro models studying cardiorenovascular pathology, and improved testing conditions and quality standards for a better reproducibility of studies. In the long term, this might not only help to reduce animal numbers and pain according to the 3R principle (Replacement, Reduction, Refinement) of Russel and Burch, but also to identify the most promising targets to reduce the cardiovascular morbidity and mortality of patients. In this Special Issue, the submission of original scientific reports, review articles, and commentaries in a broad topic of experimental models with the 3R thought of Russel and Burch is welcome. The issue seeks to cover the great effort and recent progress in experimental 3R models and help to find standardized settings to test pharmaceutical drugs in cardiorenovascular research.

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### Guest Editors

Dr. Mirjam Schuchardt

Dr. Markus Tölle

Prof. Dr. Gilbert Schönfelder

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### Deadline for manuscript submissions

closed (31 December 2021)



## Biology

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A major strength of biological science is the diversity of approaches that biological scientists apply to their research problems. *Biology* reflects this diversity and brings together studies employing the varied experimental and theoretical approaches that are fueling biological discovery. *Biology*, the journal, is a fully peer-reviewed publication with a rapid and economical route to open access publication and is listed on PubMed. All articles are peer-reviewed and the editorial focus is on determining that the work is scientifically sound rather than trying to predict its future impact.

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### Editors-in-Chief

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