



Animal Models of Human Pathology: Revision, Relevance and Refinements 2.0

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Use of animal models of human pathology is accepted on the assumption that it benefits humans. However, recent publications have shown that research on animals faces serious challenges. The increasing number of potential targets, molecular pathways or treatment strategies, which have been recognized as promising in animal models, have failed when translated into human trials. We have reached the point where the clinical relevance of animal models needs urgent clarification.

The purpose of this Special issue is thus to promote submissions of high-quality papers of basic research using animal models to understand diseases and underlying mechanisms or to investigate new treatment strategies in various human diseases such as cancer, bowel diseases, kidney injury, Parkinson's disease, etc. New approaches towards the use of animal models or refinements of particular animal models of human pathology as well as methodological and welfare principles (such as experimental design and welfare or supportive measures in animal models) are also welcome.

Dr. Martina Perše
Guest Editor





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Message from the Editor-in-Chief

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