



biomedicines



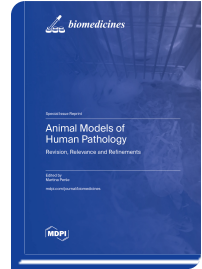
Special Issue Reprint

Animal Models of Human Pathology: Revision, Relevance and Refinements

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While animal models are essential for unraveling the biological mechanisms of human pathology, the growing depth of knowledge regarding these mechanisms—along with the intricate interplay of factors contributing to human diseases—demands ongoing characterization and refinement of existing models, as well as the development of improved disease models to better meet the needs of scientific inquiry.

This reprint highlights a variety of animal disease models, exploring their features, mechanisms, usefulness, challenges, and limitations. It also includes research papers on refinements of existing models and the development of new disease models. The reprint offers insight into animal models of neurodegeneration, perinatal asphyxia, developmental hypertension, cisplatin toxicity, urinary bladder pain syndrome, autism spectrum disorders, cancer models, skin healing models, and models for testing cardioplegic solutions for cardiopulmonary bypass surgery.



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