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Advances in Medical Imaging of Animal Models for Human Diseases

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Deadline for manuscript submissions:

25 March 2025

Message from the Guest Editors

This Special Issue, titled "Advances in Medical Imaging of Animal Models for Human Diseases", will explore the use of medical imaging techniques such as MRI, CT, SPECT, PET, and US in animal models to better understand and treat human diseases. We are seeking original research and review articles demonstrating the successful application of advanced medical imaging techniques in small or large animal models. These techniques should investigate disease mechanisms, progression, treatment efficiency, and potential therapeutic strategies.

Submissions should specifically focus on medical imaging techniques applied to animal models in the fields of oncology, neurodegeneration, cardiology, GI diseases, and inflammation, as they relate to human diseases. We are particularly interested in research that deals with preclinical model establishment, translation, implementation challenges, and clinical application.

Our goal is to feature high-quality research that advances technology and translation research, making sophisticated human-like diseases more accessible and efficient. We also encourage contributions that advance medical imaging in less commonly used animal models.



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Special Issue



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Message from the Editor-in-Chief

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