

Special Issue

Advances in Diagnostic Imaging for Systemic Disorders

Message from the Guest Editor

Recent advances in diagnostic imaging have transformed the understanding and management of musculoskeletal and pulmonary conditions. From conventional radiography to advanced MRI, CT, and ultrasound, these innovations have enhanced diagnostic accuracy, therapeutic monitoring, and prognostic assessment. This Special Issue explores the evolving role of imaging techniques in diagnosing and managing musculoskeletal and pulmonary diseases, with a focus on emerging methodologies and clinical implications. While these systems are often evaluated separately, their interrelation in diseases like autoimmune and systemic inflammatory disorders calls for integrated diagnostic approaches. Advances in functional imaging, quantitative techniques, and technologies such as dual-energy CT, diffusion-weighted imaging (DWI), and AI-assisted interpretation are reshaping diagnostic standards. This issue will feature original research, reviews, and expert opinions on current imaging techniques and their clinical relevance. By highlighting recent developments and future directions, we aim to deepen understanding and improve patient outcomes.

Guest Editor

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Life (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

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