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Artificial Intelligence Revolution in Chronic Inflammatory Diseases: Diagnosis, Prognosis, and Future Perspectives

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Message from the Guest Editors

Chronic inflammatory diseases represent a significant global health challenge, requiring innovative approaches to improve diagnosis, prognosis and personalized therapeutic strategies for each patient. In this context, artificial intelligence (AI) represents an important recent resource in reshaping our understanding and management of chronic inflammatory diseases, both cutaneous and systemic. The proposed collection of articles will delve into the latest advances in the applications of AI for an early and accurate diagnosis of these diseases in order to guarantee timely therapeutic interventions. AI-based prognostic models, which integrate multiple data sources, will be studied for their potential to predict disease progression, and personalize treatment plans. Furthermore, the goal of this Special Issue is to address the evolving landscape of AI in chronic inflammatory diseases, offering insights into the ethical considerations, challenges, and regulatory aspects associated with the implementation of AI technologies in clinical practice.



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Special Issue



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Message from the Editor-in-Chief

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