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Next-Generation Contrast Agents for Medical Imaging

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Message from the Guest Editors

Dear Colleagues,

The early detection of a number of pathologies, such as coronary, neurovascular, and tumor diseases, has been one of the main strategies adopted in clinical practice to reduce mortality. The development of imaging technologies has made an important contribution in this direction. Currently, the research in this area focuses on the development of contrast agents with high sensitivity and specificity. Vectorization with specific biomarkers has been one of the most commonly used strategies, presenting very promising results. This Special Issue, entitled “Next-Generation Contrast Agents for Medical Imaging”, invites researchers to contribute with original research or review papers related to the design/development of contrast agents for Imaging. This Special Issue intends to summarize the state of the art and the latest findings in the field of contrast agents, as well as to propose future directions for this area. The contributions may include the synthesis of targeted contrast agents, biological and pharmacological characterization, the evaluation of imaging techniques and in vitro and in vivo studies.



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Special Issue



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Message from the Editor-in-Chief

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