

Special Issue

The Clinical Role of Imaging in Lung Diseases

Message from the Guest Editors

The lungs are susceptible to a wide range of diseases. Three types of lung disease prevent the lung from working properly: airway diseases such as chronic obstructive pulmonary disease or bronchiectasis, tissue diseases such as pulmonary fibrosis, and circulation diseases such as pulmonary hypertension. Imaging plays an essential role in the detection and treatment of these diseases, providing both anatomical and functional information. Several modalities can be used to assess the lungs: computed tomography, magnetic resonance imaging, ultrasonography, nuclear medicine, and radiography. The applications are many and varied and can be used, for example, in computed tomography from cancer screening to treatment planning in radiotherapy. Nuclear medicine is a useful tool for characterizing nodules and providing metabolic activity data. In this Special Issue, we welcome authors to submit papers on the clinical advance of lung imaging in terms of both diagnosis and treatment. This Special Issue should contribute to our collective knowledge and ultimately benefit patients worldwide.

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