Special Issue

Artificial Intelligence as a Diagnostic Tool for Lung Nodule Evaluation

Message from the Guest Editor

Artificial Intelligence refers to the development and simulation of human intelligence processes by computer algorithms (systems) in diagnostic medicine, biology, public health, and other life sciences. A lung (pulmonary) nodule is an abnormal growth that forms in a lung and can then become cancerous. The clinical diagnosis of lung nodules is mainly based on imaging, including chest X-ray, computed tomography (CT), positron emission tomography (PET), and magnetic resonance imaging (MRI). Nevertheless, blood tests may identify benign lung nodules. This Special Issue invites scholars to apply up-to-date Artificial Intelligence methods to detect lung nodules in pulmonary medicine, thereby improving the efficacy and accuracy of clinical decisions.

Guest Editor

Dr. I-Shiang Tzeng

Department of Research, Taipei Tzu Chi Hospital, Buddhist Tzu Chi Medical Foundation, New Taipei City 23142, Taiwan

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Diagnostics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
diagnostics@mdpi.com

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Prof. Dr. Andreas Kjaer
Department of Clinical Physiology, Nuclear Medicine & PET National University Hospital, Rigshospitalet, University of Copenhagen, Blegdamsvej 9, DK-2100 Copenhagen, Denmark

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