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Applications of Artificial Intelligence in Medical Imaging—Clinical and Pre-Clinical Scope

Guest Editor:

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submissions:
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Message from the Guest Editor

Dear Colleagues,

Artificial intelligence (AI) is an extremely fast-growing field that infiltrates everything from household medical devices to intensive care units. Drivers in AI development are channelled by both new medical discoveries as well as aided support for the interpretation of the growing range of medical imaging.

We invite submissions presenting AI applications in the medical imaging field. Our special focus is on AI application that aids preclinical and clinical imaging work to help the interpretation, either by reconstruction improvements, co-registration, organ-segmentation or image improvements by noise filtration or resolution. Furthermore, submissions using imaging data along with tabular data to improve the interpretation are welcome.

The main scope is research in a clinical or translational phase, but we will also encourage submissions on papers focused on better pre-clinical workflow. This Special Issue will invite imaging modalities in MRI, CT, nuclear, molecular, ultrasound, optical and spectroscopy, and multimodal imaging approaches are also within the scope.

Dr. Esben Søvsø Szocska Hansen



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Special Issue