Imaging Diagnosis in Musculoskeletal Medicine

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Imaging diagnosis is of great interest in the field of musculoskeletal studies. New insights into imaging diagnosis are important for different musculoskeletal structures. Imaging of cartilage uses advanced MRI techniques such as CEST, sodium and T1rho imaging and real-time imaging can assess dynamic instabilities. Other approaches such as MR sequences with ultrashort echo times, quantitative susceptibility mapping, or the combination of multiple modalities such as PET and CT or PET and MRI could also achieve improved diagnosis in musculoskeletal diseases. Imaging diagnosis could be influenced on the one hand by artifacts (such as motion, partial volume artifacts, or fat) or, on the other hand, by factors such as age and gender of the subjects. Therefore, in addition to presenting new approaches in the field of musculoskeletal imaging, important new findings on factors that could be relevant for or limit a good diagnosis will also be presented in this Special Issue.

This Special Issue aims to highlight new insights in basic, translational and clinical research in the field of musculoskeletal imaging.

Dr. Anja Müller-Lutz
Guest Editor

Special Issue

Editor-in-Chief

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Message from the Editor-in-Chief

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