



Norwegian Candidate 3:

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I have been working in the field of biomedical imaging with a special focus on the magnetic resonance imaging and spectroscopy since 2004. The works have carried out in both industries and in academic environments. I attended a master study program in biomedical engineering in Linköping, Sweden (2008-2010). In 2014, I received my Ph.D. in medical technology in Trondheim, Norway. My current position is postdoc researcher at Oslo University Hospital in Oslo, Norway. My research interests are focused towards development and optimization of magnetic resonance imaging modalities – such as diffusion-weighted imaging, dynamic contrast-enhanced imaging, and MR spectroscopic imaging (MRSI) – for cancer research. There are several approaches to facilitate the emerging MR techniques in clinical cancer research/routine. Approaches such as multi-modal imaging, optimization of MR protocols for higher magnetic field applications, and/or quantitative MR imaging have been pursued as part of my research projects in collaboration with national and international scientists in the field. Current research activities mainly focus on the use of MRI and MRSI in therapy monitoring, investigating the role of metabolic biomarkers in precision cancer medicine.

I have been an active ISMRM member since 2012. I am also a member of a few ISMRMs study groups. I would also like to be part of the Nordic chapter organization, aiming i) to learn from the community both scientifically and administratively, ii) actively contribute to the scientific activities in the Nordic area, iii) be a part of the group in promoting young researchers in disseminating their research results in the Nordic chapter events.