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Bio: Hongyu An, D.Sc is a professor at the Mallinckrodt Institute of Radiology with an affiliated appointment in the department of Neurology, Biomedical Engineering, Electrical and Systems Engineering, and Division of Biology and Biomedical Sciences at Washington University in St. Louis. She is the director of the Biomedical Magnetic Resonance Center and the associate director of the Center for Clinical Imaging Research.

Dr. An's research is focused on MR imaging and combined PET/MR imaging. She has experience in MR oxygen metabolic imaging, perfusion, and diffusion imaging to study cerebrovascular diseases, including acute ischemic stroke, sickle cell disease, and cerebral small vessel disease. Moreover, she has expertise in MR acquisition and image reconstruction, MR bone imaging, attenuation correction and motion correction for PET/MR, and 15O PET/MR imaging. She has led several NIH and foundation grants. She has trained numerous graduate students, postdoctoral fellows, and junior clinical investigators. She received the Distinguished Investigators Award from the Academy for Radiology & Biomedical Imaging Research in 2021. She was elected a fellow of the American Institute of Medical and Biological Engineering in 2023. She has been a grant reviewer for NIH, the Alzheimer's Association, the Natural Sciences and Engineering Research Council of Canada, the United Kingdom Stroke Association, and the Hongkong Innovation and Technology Commission. Dr. An is a standing member of the NIH EITN study section. She has served as the secretary, vice chair, or chair of the ISMRM PET/MR Study Group from 2022-2025. She is the senior editor for the Neuroimaging Physics/Functional Neuroimaging/CT and MRI Technology section of the American Journal of Neuroradiology.