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Dr. Haidong Li is currently a Professor in the Department of Magnetic Resonance Imaging at Innovation Academy for Precision Measurement Science and Technology (formerly known as the Wuhan Institute of Physics and Mathematics), Chinese Academy of Sciences. Dr. Li earned his Bachelor's degree from Huazhong University of Science and Technology in 2010 and his PhD from the Wuhan Institute of Physics and Mathematics, Chinese Academy of Sciences, in 2016.

Dr. Li's research focuses on the research and development of hyperpolarized ^{129}Xe MRI instrumentation and its clinical applications. As a core scientific research member, he participated in developing China's first multi-nuclear MRI system for lung gas imaging, which has been approved by the National Medical Products Administration (NMPA). Furthermore, he has developed a series of gas MRI methods and achieved the first live animal and human lung gas MRI images in China. These advancements have enabled quantitative visualization of lung ventilation, gas-blood exchange function, and alveolar microstructure. Notably, he introduced lung gas MRI for the noninvasive assessment of lung function damage in COVID-19 patients for the first time globally (Sci. Adv. 2021; 7: eabc8180).

Haidong has numerous publications in prestigious journals such as Science Advances, European Radiology, Magnetic Resonance in Medicine, Medical Physics, NMR in Biomedicine and etc. He also holds 12 domestic invention patents. Dr. Li has been funded by 8 national and provincial-level grants in China as a PI or co-PI.

Additionally, Dr. Li serves as the Co-Chair of the 2024 OCSMRM Young Investigator Award Selection Committee and Vice President of the Wuhan Branch of the Youth Innovation Promotion Association, Chinese Academy of Sciences. He is eager to contribute to enhancing communication between MR hardware and clinical research, foster collaboration between the Chinese Academy of Sciences and the global MRI community, and promote interaction between emerging and seasoned scientists.