Sabrina Paganoni, M.D., Ph.D., is an Assistant Professor of Physical Medicine and Rehabilitation at Harvard Medical School and a physician scientist at the Neurological Clinical Research Institute of Massachusetts General Hospital.

She received her M.D. degree from the University of Milan, Italy and a Ph.D. in Neuroscience from Northwestern University (Chicago, IL). During her Ph.D., she worked on the molecular mechanisms of brain development. She then completed her medical training in Boston (residency at Spaulding Rehabilitation Hospital; fellowships in EMG/Neuromuscular Medicine and then ALS Clinical Research at Massachusetts General Hospital). She is Board-certified in Physical Medicine and Rehabilitation, Neuromuscular Medicine, and Electrodiagnostic Medicine.

Dr. Paganoni's research focuses on therapy development for ALS and other Motor Neuron Diseases. She is committed to enhancing the efficiency of ALS clinical trials by leveraging novel trial designs and outcome measures. She designed and is currently leading three investigator-initiated ALS clinical trials where she is using a novel device to measure muscle strength and several cutting-edge neuroimaging techniques, bio-fluid biomarkers, and digital technology measures. She has also developed a niche in Primary Lateral Sclerosis (PLS), a rare form of Motor Neuron Disease. She is leading an international PLS registry, co-chairs the PLS Task Force at NEALS, and is a site investigator for the first PLS drug trial. She is an editorial board member for Muscle and Nerve and the American Journal of PM&R where she is also Associate Editor for the Section Evidence-Based Physiatry/Cochrane Corner. She has published 60 peer-reviewed papers and 6 book chapters. Her research has been funded by the NIH, several ALS Foundations and non-profits, and industry.

Dr. Paganoni is passionate about clinical care innovation and access to research for people with ALS. She co-chairs the Technology Committee and the Recruitment/Retention/Experience Committee at NEALS. She is working with other Harvard researchers on developing new shoulder and hand assistive technology devices that can improve function and quality of life for people with ALS. She has served as a judge for The ALS Association Assistive Technology Challenge, The ALS Association Clinical Management research grant program, the Shay Rishoni Patient Impact Award, and the Prize4Life ALS Assistive Technology Hackathon.

Dr. Paganoni has received several awards for her work including the NIH Rehabilitation Medicine Scientist Training Program Award (2012), the American Academy of Neurology Three-Year Career Development Award in ALS (2017), the Association of Academic Physiatrists Early Academician Award (2018), and the Spaulding Rehabilitation Hospital Walter R. Frontera Outstanding Researcher Award (2011) and Claire M. Donaldson Young Investigator Award (2018).