

Francesca MAGRINELLI, MD, PhD

University College London Institute of Neurology

Dr Francesca Magrinelli is a Neurologist and Postdoctoral Researcher at the UCL Queen Square Institute of Neurology, University College London (UCL), London, UK. After completing neurology training at the University of Verona, Italy, she pursued a PhD in Neurosciences focused on the genetics of movement disorders and neurodegenerative diseases, particularly early-onset Parkinson's disease (PD), dystonia and non-Huntington disease chorea. She spent three years of her PhD at the UCL Queen Square Institute of Neurology, where she specialized in the diagnosis and treatment of movement disorders under the supervision of Prof. Kailash Bhatia and acquired cutting-edge, dry and wet lab skills in Prof. Houlden's neurogenetics research lab. After being awarded her PhD in 2021, she was granted the prestigious Edmond J. Safra Clinical Research Fellowship in Movement Disorders at UCL. During her fellowship, she refined her clinical expertise in rare movement disorders and pursued her research activities in neurogenetics, which culminated in the discovery of a new gene implicated in early-onset Parkinson's disease and parkinsonism. For preliminary results on this gene, she was awarded the MJFF Edmond J. Safra Movement Disorders Research Career Development Award 2023.

Dr Magrinelli currently works as a Locum Consultant Neurologist at the National Hospital for Neurology and Neurosurgery, London, United Kingdom, and as a Postdoctoral Researcher in neurogenetics at the UCL Queen Square Institute of Neurology. Her main research interests focus on the clinical, genetic, and translational aspects of monogenic movement disorders. She is dedicated to gene discovery and validation, deep phenotyping, genotype-phenotype correlations and experimental approaches towards precision medicine. She has published over 80 peer-reviewed articles on these topics.