Virginie Buggia-Prevot, PhD
Senior Director of Drug Discovery
Valo Health
Breaking Down Barriers in Neuroscience Drug Discovery Through an AI-powered, Human-Centric Approach

Dr. Virginie Buggia-Prevot is a neurobiologist/cell biologist with over 15 years of experience in academia and the biotechnology sector. She is currently Senior Director of Drug Discovery at Valo Health, a technology company using human-centric data and artificial intelligence (AI) powered computation to transform the drug discovery and development process, and has been at the company for over 2.5 years. In her role she leads Neurology Discovery, developing human-centric computational approaches to discover new targets for neurodegenerative diseases. Prior to Valo, Virginie led novel target discovery and validation for Alzheimer's disease at the Neurodegeneration Consortium, MD Anderson, an academic collaboration of leaders in the field of neurodegeneration from the Baylor College of Medicine, Massachusetts Institute of Technology, Icahn School of Medicine at Mount Sinai, New York University and more. The mission of the Consortium is to better understand the underlying biology of Alzheimer's disease and translate the knowledge into therapeutic interventions that can effectively alleviate symptoms by delaying, reversing and/or eliminating the pathology of the disease and other neurological diseases. Her work on a neuroprotective small molecule program contributed to the launch of Magnolia Neurosciences, a company focused on the development of a new class of neuroprotective medicines. A new strategic research agreement was formed with Denali Therapeutics from data generated by Virginie and her team.

Dr. Buggia-Prevot received her PhD in cell and molecular biology from the University of Nice Sophia-Antipolis and completed her post-doctoral training at the University of Chicago Department of Neurobiology. In 2020, she was named to In Vivo's List of Rising Leaders in the life sciences, one of 30 individuals across the biopharma, medtech and health technology sectors.