Katharina Schultebraucks, PhD

Dr. Katharina Schultebraucks' research focuses on studying mental disorders from a translational point of view by examining primary behavioral functions and dysfunction of various neuroendocrine, molecular, cellular, and genetic pathways from an integrative, multi-systems point of view. Dr. Schultebraucks completed her PhD in the Department of Psychiatry and Psychotherapy at the Charité – Universitätsmedizin Berlin in Germany and the Department of Psychology at the Free University, Berlin (degree: summa cum laude – graduate with honors). She did her postdoctoral fellowship in the Department of Psychiatry at NYU Grossman School of Medicine and was the Florence Irving Assistant Professor and Director of Computational Medicine and Artificial Intelligence in the Department of Emergency Medicine and Psychiatry at Columbia University before joining NYU in January 2023. She is currently Co-Director of the Computational Psychiatry Program and Associate Professor in the Department of Psychiatry and in the Division of Healthcare Delivery Science, Department of Population Health at NYU Grossman School of Medicine. Furthermore, she is an Associate Professor in Biomedical Engineering at NYU Tandon School of Engineering. Moreover, she is an Investigator in the Neuroscience Institute at NYU Grossman School of Medicine as well as a Center Affiliated Investigator at the Constance and Martin Silver Center on Data Science and Social Equity at NYU Silver School of Social Work. Dr. Schultebraucks investigates longitudinal and prospective

studies to identify complex sets of early predictors. Her primary research focus is centered on precision psychiatry by applying advanced computational methods to improve individualized risk stratification and treatment selection, leading to publications in *Nature Medicine, JAMA Psychiatry*, and *Molecular Psychiatry* as the first and corresponding author. Dr. Schultebraucks' research program focuses on developing real-world, individual-level digital clinical decision support systems that can be used equitably. Her overall goal is to create easy-to-deploy digital tools for routine care that clinicians can rapidly integrate into clinical practice.

Dr. Schultebraucks has been awarded several awards and national and international grants, e.g., she is currently the PI of two R01s funded by the National Institutes of Health (NIH) and PI of a multicenter grant funded by the Swiss National Science Foundation.