Bio: Dr. Molinaro's research interest and expertise are focused on developing and implementing statistical and machine learning methods in cancer research, spanning basic research, translational, and clinical studies. In her current roles as the Director of Biomedical Statistics and Informatics for the UCSF Department of Neurological Surgery and Biostatistics Core Director for both the Brain SPORE and Program Project, Dr. Molinaro advises study design and modeling and analyzes data from UCSF Brain Tumor Center projects in imaging, genetics, genomics, epidemiology, and immunology. She is the co-PI of the Brain SPORE Project 1 to develop immune profile markers for risk prediction in glioblastoma patients and the co-PI of the Program Project Project 1 to use machine learning and AI to develop spatial maps of risk from anatomical, physiological, and metabolic images. Dr. Molinaro has over 200 publications in addition to authoring three book chapters and several freely available software packages for the analysis of high-dimensional data. Dr. Molinaro is an elected Member of the NCI's Brain Malignancies Steering Committee and the International Statistical Institute. She serves on the Editorial Board for Neuro-Oncology, Neuro-Oncology Practice, and Neuro-Oncology Advances and is the Editor for the 'Series on Biostatistics for the Practicing Clinician" for Neuro-Oncology Practice. Dr. Molinaro is the lead statistician on over 30 active Pacific Pediatric Neuro-Oncology Consortium (PNOC) clinical trials.