



Adam Resnick, PhD, is the Alexander B. Wheeler Endowed Chair in Neurosurgical Research and Director of Data Driven Discovery in Biomedicine (D3b) at Children's Hospital of Philadelphia (CHOP). Trained as a neuroscientist at Johns Hopkins, his laboratory-based research has focused on defining the cell signaling mechanisms and underlying biology of oncogenesis and tumor progression in pediatric brain tumors. Resnick's efforts specifically address the translation of molecular and genetic discoveries to novel, personalized approaches for new therapies for children. Such data-driven efforts are enabled in his and other researcher's laboratories through several consortia-based efforts, including the Children's Brain Tumor Tissue Consortium (CBTTC) and Pacific Pediatric Neuro-Oncology Consortium (PNOC), on which Dr. Resnick serves as Scientific Chair. As director of D3b, Dr. Resnick leads a multidisciplinary team to build and support a scalable, patient-focused healthcare and educational discovery

ecosystem on behalf of all children that build on these national and international efforts. With more than 20 pediatric hospitals across the globe and the efforts have recently served to support a new NIH-led initiative building a national pediatric cancer and rare disease genomic data ecosystem under the Kids First Data Resource Center. Kids First is a 10-year NIH Common Fund initiative seeking to redefine large-scale data-driven efforts on behalf of children with more than 20,000 whole genomes processed by the end of 2018.