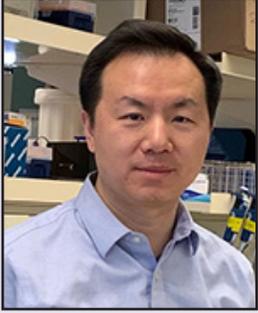


# FENG YUE, PHD

## Duane and Susan Burnham Professor of Molecular Medicine



Feng Yue, PhD, is the Duane and Susan Burnham Professor of Molecular Medicine and a tenured associate professor in the Departments of Biochemistry and Molecular Genetics and of Pathology at Feinberg. He is the founding director of the Center for Cancer Genomics at the Robert H. Lurie Comprehensive Cancer Center of Northwestern University and director of the Center for Advanced Molecular Analysis at Northwestern's Institute for Augmented Intelligence in Medicine.

Dr. Yue's group has been using high throughput experiments and machine-learning algorithms to study gene regulation, structural variants, and 3D genome organization in cancer. He is a long-time member and leader of multiple large-scale NIH-funded consortia. He led the overall organizing and analysis effort for the mouse ENCODE consortium and currently co-chairs the Joint Analysis Working Group in the 4D Nucleome Project. He was an essential member of the team that discovered the human genome is organized in megabase-sized topologically associating domains. His group pioneered the work to use the Hi-C method to detect structural variants in the cancer genome. More recently, his group developed a novel algorithm that can reconstruct complex SVs and identify hijacked enhancers that are essential to oncogenes in different types of cancer. His work has been published in some of the world's most prestigious journals, such as Nature and Nature Methods. Because of his scientific leadership, innovative research, and commitment to community outreach, he was nominated for the prestigious Presidential Early Career Award for Scientists and Engineers by the National Human Genome Research Institute.

The Duane and Susan Burnham Professorship in Molecular Medicine was funded by Abbott Laboratories in honor of Duane L. Burnham and Susan K. Burnham and their contributions to Abbott and to improving healthcare. The Burnhams are Chicago-based philanthropists. Mr. Burnham served as the CEO of Abbott Laboratories from 1989 until his retirement in 1999 and as its chairman from 1990 till 1999. He grew up in Minnesota and earned a bachelor of science in accounting and an MBA at the University of Minnesota. Mr. Burnham started at Abbott in 1982 as the senior vice president of Finance and Chief Financial Officer. Before Abbott, he was president of Bunker-Ramo, a specialty electronics company. Mr. Burnham's expertise in business has presented opportunities to serve on the boards of a variety of organizations in the Chicago area. In the business world, he has been tapped to advise the Federal Reserve Bank of Chicago, Northern Trust Corporation, Sara Lee Corporation, NCR Corporation, and ACCO Brands Corporation. Mr. Burnham has also served as a board member or trustee for the Chicago Council on Global Affairs, Healthcare Leadership Council, Museum of Science and Industry, Lyric Opera of Chicago, and National Trust for Historic Preservation. Mr. Burnham is also a Life Trustee at Northwestern University. Mrs. Burnham is active in volunteering her time, serving organizations with quiet commitment.