

Gary Gilliland, M.D., Ph.D.  
President and Director, Fred Hutchinson Cancer Research Center

### Scientific Research and Leadership

- As president and director of Fred Hutchinson Cancer Research Center, Dr. Gilliland sets the strategic direction of the center, oversees center-wide initiatives and represents the Hutch's interests to major partners and governmental bodies.
- Dr. Gilliland's background is as a researcher and clinician specializing in blood cancers like leukemia and myelodysplastic syndrome.
- He has made major contributions to the understanding of the genetic basis of blood diseases, particularly leukemia. He and his team have translated their seminal findings into new, precision treatments that stop cancer while causing minimal side effects.
- Other research has sought to characterize the stem cells that cause recurrences of cancer, with the goal of finding targets for new treatments that wipe them out and keep cancer from coming back.
- In addition to his own research on personalized cancer treatments, Dr. Gilliland successfully led a breakthrough immunotherapy drug to market at Merck and spearheaded a new model for personalized medicine within the University of Pennsylvania system.

### Background

- Dr. Gilliland earned a Ph.D. in microbiology from the University of California, Los Angeles, in 1980 and a medical degree from the University of California, San Francisco, in 1984. Before coming to Fred Hutch in 2015, Dr. Gilliland held numerous clinical, research and leadership titles, including professor at Harvard Medical School, director of the leukemia program at the Dana-Farber/Harvard Cancer Center, senior vice president and global oncology franchise head at Merck and Co., and vice dean of the Perelman School of Medicine at the University of Pennsylvania.
- His many awards and honors include election to the American Academy of Arts & Sciences and the National Academy of Medicine; the William Dameshek Prize from the American Society of Hematology; the Emil J. Freireich Award from the MD Anderson Cancer Center; and the Stanley J. Korsmeyer Award from the American Society for Clinical Investigation, of which he is an elected member. He is also an elected member of the Association of American Physicians.