



Richard A. Young, PhD, Hope Funds Scientific Advisory Council Member, is Elected to National Academy of Medicine

For Immediate Release
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Newport, RI - November 8, 2019 - Dr. Richard A. Young, longtime member of the Hope Funds for Cancer Research Scientific Advisory Council, was elected recently as a member of the National Academy of Medicine, one of the highest honors for U.S. medical practitioners, public health leaders, and biomedical researchers.

Dr. Young was cited by the NAM for his "fundamental insights into gene control in human health and disease, invention of widely used new technologies, and the development of novel therapeutics for cancer."

A Member of Whitehead Institute and a professor of biology at the Massachusetts Institute of Technology, Dr. Young was previously elected to the National Academy of Sciences in 2012.

"Hope Funds proudly congratulates our friend Dr. Richard Young upon his election to the National Academy of Medicine," said Leah Rush Cann, Chair of the Executive Committee, Hope Funds for Cancer Research.

About Richard A. Young, PhD

Dr. Young received his PhD from Yale University in 1975, and became a Whitehead Member and MIT faculty member in 1984. *Scientific American* has recognized him as one of the top 50 leaders in science, technology and business.

He has received a Burroughs Wellcome Scholarship, the Chiron Corporation Biotechnology Research Award, and Yale's Wilbur Cross Medal. He has served as an advisor to *Science* magazine, the National Institutes of Health, and the World Health Organization. Dr.

Young's research focuses on mapping the regulatory circuitry that controls cell state and differentiation-using experimental and computational technologies to determine how signaling pathways, transcription

factors, chromatin regulators, and small RNAs control gene expression. Since defects in gene expression can cause diabetes, cancer, hypertension, immune deficiencies, neurological disorders, and other health issues, improved understanding of this circuitry should lead to new insights into disease mechanisms and the development of new diagnostics and therapeutics.

About the National Academy of Medicine

Founded in 1970 as the Institute of Medicine (IOM), the National Academy of Medicine (NAM) is one of three academies that make up the National Academies of Sciences, Engineering, and Medicine (the National Academies) in the United States. Operating under the 1863 Congressional charter of the National Academy of Sciences, the NAM is an independent, nonprofit



institution that works outside of government to provide objective advice "to improve health for all by advancing science, accelerating health equity, and providing independent, authoritative, and trusted advice nationally and globally."

About Hope Funds for Cancer Research

The Hope Funds for Cancer Research was formed in 2006 by a group of concerned individuals with experience in oncology, intellectual property law, investment banking, philanthropy, sociology, and the arts to establish a funding vehicle that would take a rational scientific, medical, and investment approach to granting money to the most interesting and promising research efforts to address the most difficult-to-treat cancers, including pancreatic, lung, liver, sarcomas, esophageal, brain, gastric, and ovarian cancers, and rare lymphomas, leukemias and MDS. These cancers are insidiously aggressive illnesses that kill most of their victims within months, even with aggressive chemotherapy. The Trustees of the Hope Funds for Cancer Research believe that funding research that could lead to breakthroughs in these areas and increase life expectancy in these types of cancers is at the core of our mission. The Hope Funds for Cancer Research is a 509 (a)(1) charity under 501(c)(3) of the Internal Revenue Service's code. For additional information about the organization, please visit <http://www.Hope-Funds.org> or call 401-847-3286.

Hope Funds for Cancer Research: Advancing Innovative Research in Understudied Cancers

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