



Harvey Lodish, PhD

Professor

Biology and Professor of Bioengineering

*Academic Entrepreneurs, New Technologies, and Building a
Biotechnology Ecosystem: A Personal History*

A leader in the field of molecular and cellular biology, Dr. Harvey F. Lodish has isolated and cloned numerous surface membrane proteins that play a role in blood development, cell signaling, glucose transport, and lipid metabolism. He earned his PhD at the Rockefeller University in 1966. A Founding Member of the Whitehead Institute, Dr. Lodish joined the MIT faculty in 1968 and has been a professor of biology since 1976 and professor of biological engineering since 1999. Dr. Lodish is also the lead author of the widely used textbook *Molecular Cell Biology*. The book has been translated into 14 languages and the ninth edition appeared in January, 2021. He is a Member of the National Academy of Sciences, a Fellow of the American Association for the Advancement of Science, the American Academy of Arts and Sciences, and the American Academy of Microbiology, and an Associate (Foreign) Member of the European Molecular Biology Organization.

He received the 2010 Mentoring Award from the American Society of Hematology, the 2016 American Society for Cell Biology WICB Sandra K. Masur Senior Leadership Mentoring Award, the 2016 Pioneer Award from the Diamond Blackfan Anemia Foundation, and the Metcalf Lifetime Achievement Award from the International Society for Experimental Hematology in 2020.

Dr. Lodish is a member of the Board of Trustees of Children's Hospital, Boston, where he was Chair of the Research Committee of the Board of Trustees. From 2007 - 2014 he was Founding Chair of the Scientific Advisory Board of the Massachusetts Life Sciences Center, the group charged with oversight of the state's 10- year \$1 billion investment in the life sciences. Dr. Lodish was a founder and scientific advisory board member of many biotechnology companies including Genzyme, Millennium and Rubius.