



2022 NATIONAL INVENTORS
HALL OF FAME INDUCTEE

Born: Sept. 7, 1959

Primary Connections:

- University of Pennsylvania Perelman School of Medicine: Director of Vaccine Research and Professor of Medicine, 1997-present
- RNARx: Co-founder, 2006-13
- National Institute of Allergy and Infectious Diseases: Senior Staff Fellow, Laboratory of Immunoregulation, 1993-97
- National Institutes of Health: Fellow, Allergy and Immunology, 1990-93

Education:

- Brandeis University: B.A. and M.A., Biochemistry/Enzymology, 1981
- Boston University: M.D. and Ph.D., Immunology/Microbiology, 1987

Key memberships/awards:

- Breakthrough Prize: Breakthrough Prize in Life Sciences, 2022
- Novim (Kavil Institute, UC Santa Barbara): Alexandra Jane Noble Science Impact Award, 2021
- Research!America: Building the Foundation Award, 2021
- Albany Medical Center: Prize in Medicine and Biomedical Research, 2021
- Columbia University: Louisa Gross Horwitz Prize, 2021

10 Things You Need to Know About

Drew Weissman

Inventor of Modified mRNA Used in COVID-19 Vaccines

U.S. PATENT NO. 8,278,036

1. Weissman was born in Lexington, Massachusetts.
2. He was a fellow in allergy/immunology at the National Institutes of Health (NIH).
3. At the NIH, Weissman trained under National Institute of Allergy and Infectious Diseases Director Dr. Anthony Fauci.
4. His work has been published in more than 150 peer-reviewed articles.
5. Weissman is frequently featured on news programs, including CNN, ABC and BBC News, offering his expertise on infectious diseases and other public health issues.
6. He regularly trains both doctoral and undergraduate students in his lab, many of whom have gone on to hold prominent positions in academia, biotechnology and pharmaceutical companies.
7. Weissman serves on the scientific advisory boards of Arcturus Therapeutics, GreenLight Biosciences and Uvax Bio.
8. Brandeis University awarded the Lewis S. Rosenstiel Award for Distinguished Work in Basic Medical Research to Weissman and Katalin Karikó in 2020.
9. Weissman is an elected member of the Association of American Physicians.
10. He has 13 U.S. patents.