10 Things You Need to Know About

Drew Weissman

Modified mRNA Technology 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. With Chulalongkorn University in Thailand, Weissman’s lab is developing a SARS-CoV-2 mRNA vaccine to help residents of Thailand and surrounding countries with limited financial resources access lifesaving vaccines.
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.
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 and the National Academy of Medicine.
10. He has 16 U.S. patents.