

The American Association of Immunologists

Press Release



Immunologist Awarded 2023 Nobel Prize in Medicine for mRNA Vaccine Research

Immunologist Dr. Drew Weissman and colleague Dr. Katalin Karikó recognized for discoveries that led to world's first COVID-19 vaccines; Nobel highlights important role of immunology in public health

ROCKVILLE, MD (October 2, 2023) — The Nobel Assembly in Solna, Sweden, announced this morning that the 2023 Nobel Prize in Physiology or Medicine has been awarded to the University of Pennsylvania research team of Dr. Drew Weissman and Dr. Katalin Karikó, whose years of scientific partnership led to an understanding of how to modify mRNA to make it an effective therapeutic—and to rapidly develop lifesaving vaccines amid the global COVID-19 pandemic.

Dr. Weissman is an immunologist and the Roberts Family Professor of Vaccine Research in the Perelman

biomedical research enterprise.”