



Ronald E. Hatcher
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"Imperative of Vaccination Nationally and Globally"

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ABSTRACT:

Vaccination was determined by the Public Health Community as the top health achievement of the 20th Century. It contributed to the remarkable elimination, control and prevention of many infectious diseases in this country and globally. We will explore the scientific and health impact of vaccines on individuals and community basis.

We will contrast these achievements with the wave of vaccine hesitancy, its foundation and impact. The recent outbreaks of Measles, Mumps and Whooping cough are reminders of the risks and consequences of vaccine refusals. It is a danger that undermines generations of success in preventing infectious diseases. The global spread of this unscientific attacks is frightening!

BIOGRAPHY:

A leading expert on vaccine development and infectious diseases in the developing world with awards and recognitions in tropical medicine research and international health policy, Dr. Mahmoud currently teaches at Princeton University. Dr. Mahmoud previously served as President of Merck Vaccines and Management Committee member for Merck Company, and Chairman of Medicine and Physician in Chief at Case Western University School of Medicine and University Hospitals of Cleveland. Dr. Mahmoud's academic pursuits focused on investigations of host resistance to helminthic infections and strategies for their control. At Merck, Dr. Mahmoud led the effort to develop four new vaccines including: combination of Measles, Mumps, Rubella and Varicella; Rota Virus; Shingles and Human Papillomavirus. Dr. Mahmoud received his M.D. degree from the University of Cairo in 1963 and Ph.D. from the University of London, School of Hygiene and Tropical Medicine in 1971. He was elected to membership of the Institute of Medicine of the National Academy of Sciences in 1987. He received the Bailey K. Ashford Award of the American Society of Tropical Medicine and Hygiene in 1983, and the Squibb Award of the Infectious Diseases Society of America in 1984. He served on the National Advisory Allergy and Infectious Diseases Council and is a past president of the Central Society for Clinical Research and the International Society for Infectious Diseases. Dr. Mahmoud is currently serving as Chairman of the Board of the International Vaccine Institute, Seoul, South Korea and as Co-Chair of the National Academy of Science Committee on Science and Technology in the Department of State.