

Jonathan M. Rothberg



Dr. Jonathan Rothberg is the Recipient of the National Medal of Technology, the nation's highest honor for technological achievement, bestowed by the president of the United States. President Obama honored Dr. Rothberg for inventing high-speed, "Next-Gen" DNA sequencing. The New England Journal described his innovation as "The New Age of Molecular Diagnostics."

Born in 1963 in New Haven, he earned a B.S. in chemical engineering from Carnegie Mellon University, and an M.S., M.Phil, and Ph.D. in biology from Yale. He is the first person to be named a World Economic Forum's Technology Pioneer four times, received The Wall Street Journal's First Gold Medal for Innovation, Nature Methods First Method of the Year Award, the Connecticut Medal of Technology, and the DGKL Biochemical Analysis Prize.

Dr. Rothberg is a Member of the National Academy of Engineering, the Connecticut Academy of Science and Engineering, a Trustee of Carnegie Mellon University, holds an Honorary Doctorate from Mount Sinai School of Medicine, and is an Adjunct Professor at the Yale School of Medicine.