



world frontiers forum
scotland berlin new york

Next Breath & WFF 2021

From Water to Air; Scientific Pathways towards a Clearer, Cleaner Future.

Dennis Ausiello, M.D

Director, Center for Assessment Technology & Continuous Health (CATCH)
Co-founder of Next Breath and World Frontiers Forum



Talk Title — On the Quantification of Phenotype and the State of Our Hydrated Relationship to the Environment

"As our environment becomes more hostile to our public health, personal, prophylactic hygiene becomes more important to our quality of life"

Dennis Ausiello

Dennis Ausiello, MD is the Director of the [Center for Assessment Technology and Continuous Health \(CATCH\)](#), a program he founded as a joint effort between [Massachusetts General Hospital](#) and [Massachusetts Institute of Technology \(MIT\)](#) physicians, scientists and engineers to provide real-time measurement and analysis of the human phenotype in wellness and disease. He previously served as Chief of Medicine at Massachusetts General Hospital from 1996 until his retirement in 2013. In this role he led one of the strongest departments of medicine in the country. He is a nationally recognized leader in academic medicine, having been elected to the [National Academy of Medicine \(1999\)](#) and the [American Academy of Arts and Sciences \(2003\)](#). Dr. Ausiello has written for many publications, including the [New York Times](#) and the [Wall Street Journal](#), on various health subjects including human genetics, clinical trials, and the relationship between the academy and industry.

As an internationally recognized scientist, with specific expertise in epithelial and membrane biology, ion and water channel regulation and signal transduction, Dr. Ausiello has served as a council member of the [National Institute of Diabetes, Digestive and Kidney Diseases Advisory Council](#) and the [National Advisory Council on Aging](#).

He served on the Board of Directors of the [Broad Institute](#), an independent partnership of Harvard and MIT faculty working in human genetics, as well as the Board of Directors of the nonprofit organization, [Research!America](#), the leading advocate group for investment in biomedical research in the United States.

Understanding the need for partnerships between the academy and industry, Dr. Ausiello served as the Lead Director on the Board of Directors of [Pfizer Pharmaceuticals](#) until his retirement from their Board in 2018. He currently is on the Board of microbiome company [Seres Health](#), and [Anvytam](#), an iRNA company. He also serves as an advisor to various biotech companies and venture capital companies working in the biotech and device area. Dr. Ausiello is also a consultant for [Verily](#) (formerly Google Life Sciences) and [Pfizer Pharmaceuticals](#).

Dr. Ausiello holds a BA from [Harvard College](#) and an MD from the [University of Pennsylvania](#).

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