Dr. Ioannidis is a major figure in the contemporary debate about “irreproducibility” in scientific and medical research. His 2005 paper, "Why Most Published Research Findings Are False," is the most-downloaded technical paper from PLoS Medicine. Ioannidis has published numerous influential empirical evaluations of the validation- and replication-performance of studies in diverse scientific fields, including genetics, clinical trials, and neuroscience. His work aims to improve research practices and to increase the yield of validated and useful scientific findings. Dr. Ioannidis holds the C.F. Rehnborg Chair in Disease Prevention at Stanford University, and he is Professor of Medicine, and of Health Research and Policy, and Director of the Stanford Prevention Research Center at the School of Medicine; Professor of Statistics (by courtesy) at the School of Humanities and Sciences; one of the two Directors of the Meta-Research Innovation Center at Stanford; and Director of the PhD program in Epidemiology and Clinical Research.