



**Gerald Joyce, MD, PhD**  
Senior Vice President,  
Chief Science Officer



Gerald Joyce is senior vice president, chief science officer, and professor in the Jack H. Skirball Center for Chemical Biology and Proteomics. He provides leadership in developing and implementing Salk's overall scientific strategy, as well as overseeing research operations in support of this strategy.

Joyce began his scientific career at Salk as a PhD student and then a postdoctoral scholar and returned as a faculty member in 2017. His research program focuses on the development of novel RNA and DNA enzymes and their potential application in clinical diagnostics and therapeutics. His research has led to the development of the first self-replicating RNA enzyme that is capable of exponential growth and evolution.

From 2014 to 2021, Joyce served as the director of the Genomics Institute of the Novartis Research Foundation (GNF). He has served previously as dean of the faculty at Scripps Research, as chair of the JASON scientific advisory group for US national security, and as a member of the Technology Advisory Council of BP.

Joyce graduated with a BA from the University of Chicago in 1978 and both an MD and PhD from the University of California San Diego in 1984. He completed his postgraduate medical training at Mercy Hospital in San Diego and postdoctoral research training at the Salk Institute.