



Bruce Levine

Professor in Cancer Gene Therapy and Director, Clinical Cell and Vaccine Production Facility - University of Pennsylvania, United States

Biography

Dr. Bruce Levine, Barbara and Edward Netter Professor in Cancer Gene Therapy, is the Founding Director of the Clinical Cell and Vaccine Production Facility (CVPF) in the Department of Pathology and Laboratory Medicine and the Abramson Cancer Center, Perelman School of Medicine, University of Pennsylvania. He received a B.A. (Biology) from Penn and a Ph.D. in Immunology and Infectious Diseases from Johns Hopkins. First-in-human adoptive immunotherapy trials include the first use of a lentiviral vector, the first infusions of gene edited cells, and the first use of lentivirally-modified cells to treat cancer. Dr. Levine is co-inventor of the first FDA approved gene therapy (Kymriah), chimeric antigen receptor T cells for leukemia and lymphoma, licensed to Novartis.

Dr. Levine is co-inventor on 30 issued US patents and co-author of >200 manuscripts and book chapters with a Google Scholar citation h-index of 99. He is a Co-Founder of Tmunity Therapeutics, and of Capstan Therapeutics both spinouts of the University of Pennsylvania. Dr. Levine is a recipient of the William Osler Patient Oriented Research Award, the Wallace H. Coulter Award for Healthcare Innovation, the National Marrow Donor Program/Be The Match ONE Forum 2020 Dennis Confer Innovate Award, serves as Immediate Past-President of the International Society for Cell and Gene Therapy, and serves on the Board of Directors of the Alliance for Regenerative Medicine. He has written for Scientific American and Wired and has been interviewed by the NY Times, Wall Street Journal, Washington Post, NPR, Time Magazine, National Geographic, Bloomberg, Forbes, BBC, and other international media outlets.