

Emma Guttman-Yassky, MD, PhD is a Professor of Dermatology & Immunology, Vice Chair of the Department of Dermatology at the Icahn School of Medicine at Mount Sinai in New York. She is the Director of the center for excellence in eczema and the occupational dermatitis clinic and Head of the laboratory for inflammatory skin diseases.

Emma earned her M.D. degree from Sackler School of Medicine at the Tel-Aviv University, and a Ph.D. degree from the Bar-Ilan University, Israel. After obtaining her Israeli Board certification in dermatology at Rambam Medical Center/Technion, Israel, Dr. Guttman moved to the U.S. to pursue a two-year postdoctoral fellowship at The Rockefeller University in the Laboratory for Investigative Dermatology. Upon completion of her fellowship, she became board-certified by the American Board of dermatology after a second dermatology residency training at the Weill-Cornell Medical College, in NY. Dr. Guttman's major clinical and research focus is atopic dermatitis (AD). Her research made paradigm-shifting discoveries on the immunologic basis of atopic dermatitis (AD) in humans, enriching the understanding of the pathophysiology of this common disorder, opening the door to new therapeutics. Dr. Guttman has developed comprehensive molecular maps of AD, defining skin differentiation and immune-circuits characterizing this disease. She has established the reversibility of the AD phenotype and defined a series of disease- and response- biomarkers that are now accelerating testing of novel immune, pathway-specific drugs in this disease. Her research is the first to identify in humans a distinct population of T-cells that independently produce IL-22, conceptualizing AD as a Th2/Th22-polarized disease. Dr. Guttman is now testing (both clinically and mechanistically) multiple targeted therapeutics for atopic dermatitis that target Th2, Th22, and Th17/IL-23 axis. She has recently also extended her research interest to alopecia areata in which her findings are also translated to possible novel therapeutic targets. Together with Dr Amy Paller she founded the international eczema council (IEC), for which she functions as president elect. Dr Guttman was (2015) elected as a member to the American Society for Clinical Investigation (ASCI), as well as the American Dermatological Society (ADA), and is the recipient of the Young Investigator Award (2011) from the AAD.