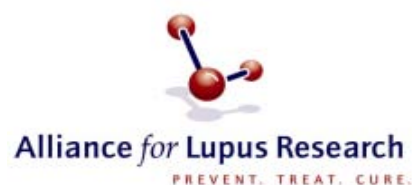


The Latest Lupus Drug Research & Developments



The Alliance for Lupus Research (ALR) has worked to fund biomedical research for more than 10 years into the cause and treatment of lupus, and is committed to identifying new and improved treatments for the disease. After decades with no new treatments, the ALR is proud to be a catalyst for increased attention to lupus research and will continue its aggressive efforts until new therapies are brought to market. The chart below highlights agents currently being studied in people with lupus. The ALR has supported research leading to the development of more than a third of these agents in the clinical pipeline (marked with an asterisk below). The solution to lupus is research! More information about lupus and the ALR can be found by visiting www.lupusresearch.org.

New Lupus Therapeutics	Drug Name	Company or Organization
Anti-interferon alpha therapies	Medi-545*	MedImmune
	rhuMAb IFNalpha* (Rontalizumab)	Genentech
	NNC 0152-0000-0001*	Novo Nordisk
Anti-interferon gamma therapy	AMG811	Amgen
Tumor necrosis factor therapy	Etanercept	NIAID/Florida Academic Dermatology Centers
Anti-B cell therapies	SBI-087 (anti-CD20 Small Modular ImmunoPharmaceutical)*	Wyeth/Trubion
	Rituximab (anti-CD20)*	North Shore Hospital/Long Island Jewish
	Epratuzumab (anti-CD22)*	UCB
	Atacept (TACI-Ig)*	EMD Serono
Anti-cytokine therapy	Benlysta™ (Belimumab/anti-BLyS)*	Human Genome Sciences/GlaxoSmithKline
Anti-T cell therapies	Abatacept (CTLA4-Ig)*	Bristol-Myers Squibb
	AMG557 (anti-B7RP-1)	Amgen
Immunomodulatory therapy	Paquinimod (ABR-215757) (an oral quinoline-3-carboximide)	Active Biotech Research
Immunosuppressive therapies	Elidel (pimecrolimus)	University of Leipzig
	Tacrolimus	Seoul National University Hospital
	Tacrolimus and mycophenolate mofetil	Tuen Mun Hospital
	FK506 plus mycophenolate mofetil	Nanjing University School of Medicine
	Sirolimus	NIDDK
	Mycophenolate mofetil	LaRoche/Aspreva/Hospital Authority, Hong Kong/Oklahoma Medical Research Foundation
	Lenalidomide (REVLIMID; thalidomide derivative)	University of Pennsylvania/Celgene
	Rapamycin (Rapamune)	University of New York – Upstate Medical Center
Statins	Atorvastatin	Saint Luke's Hospital
	Simvastatin	Astra Zeneca/Ramathibodi Hospital
Other	Allogenic Mesenchymal stem cell transfer	Nanjing Medical University
	Allogenic Blood Stem Cell Transplantation	NHLBI/Stanford University Medical Center
	Vitamin D3 *	NIAID
	N-acetylcysteine	State University of New York – Upstate Medical University
	CC-10004 (apremilast; phosphodiesterase-4 inhibitor)	New York University School of Medicine/Celgene
	Dehydroepiandrosterone (DHEA)	University of Michigan