

Lysosomal diseases

#	Patent #	Title	Inventor(s)	Features
1	5433946	Synthesis and Utilization of Therapeutic Agents for the Treatment of Lysosomal Storage Diseases	Allen, Jr. et al. K:	Enzyme replacement therapy for lysosomal storage diseases. In particular, treatment of fucosidosis is provided via antisense therapy with leptin-glycosidase conjugates to modulate lysosomal enzymes.
2	5284934	Synthesis and Utilization of Carbohydrate-binding Polymer-lectin Conjugates	Allen, Jr.	Biocompatible, biologically active, and non-immunogenic, carbohydrate-binding lectin derivative useful as a therapeutic and in vivo diagnostic reagent; eg the conjugate PEG-Ricinus communis agglutinin I. Compounds useful in vivo as biological response modifiers of the immune system or as targeting agents. Overcomes loss of carbohydrate-binding activity from modification of the lectin and provides predictable, water-soluble polymer-lectin conjugate that retains carbohydrate-binding activity subsequent to conjugation.