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(54) **Title**: COMPOSITIONS FOR TARGETED DELIVERY OF SIRNA

(57) **Abstract**: The present invention is directed compositions for targeted delivery of RNA interference (RNAi) polynucleotides to hepatocytes *in vivo*. Targeted RNAi polynucleotides are administered together with co-targeted delivery polymers. Delivery polymers provide membrane penetration function for movement of the RNAi polynucleotides from outside the cell to inside the cell. Reversible modification provides physiological responsiveness to the delivery polymers.