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(54) Title: METHODS AND COMPOSITIONS FOR TARGETED DELIVERY BY POLYMERSOMES

(57) Abstract: The present disclosure relates to a copolymer and a polymersome for targeted delivery of biomolecules to a living organism. Hie exemplary copolymer comprises an initiator block, a propagator block, and a linkage connecting the initiator block and the propagator block. The initiator block comprises a glycan head configured to provide a targeted delivery, and the propagator block comprises a functional moiety configured to provide desired properties for the polymersome.