

4th International Conference and Exhibition on Pharmaceutics & Novel Drug Delivery Systems

March 24-26, 2014 Hilton San Antonio Airport, San Antonio, USA

Development of spray-dried PEGylated albumin microspheres

Kathleen Kane^{*}, Kerry Otero and Duc Do
Chicago State University, USA

Drug delivery using microspheres has grown vastly in the past few decades. A major limitation of microspheres in extending the release of the encapsulated drug is their uptake by the mononuclear phagocyte system. This limits their circulation time and hence the therapeutic effectiveness of the encapsulated drug. The aim of the research was to develop long-circulating, PEGylated albumin microspheres as carriers for drugs. Our poster will present recent data on the use of PEGylated albumin microspheres for the enhanced delivery of drugs.

ddo@csu.edu