

4th International Conference on **Nanotek & Expo**

December 01-03, 2014 DoubleTree by Hilton Hotel San Francisco Airport, USA

Preparation of oral extended-release formulations containing nanospheres

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Oral drug administration remains the most convenient and preferred route of delivery. However, oral extended-release drug products have not yet reached their full potential in the clinic. The aim of the present study was to design extended-release formulations containing nanospheres. Drug-loaded nanospheres were prepared by a spray drying method using natural biodegradable polymers. The poster will provide data demonstrating the use of nanospheres in providing extended-release of the model drugs for oral delivery.

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