Biodegradable systems for the intra-articular delivery of

intra-articular delivery of "Lornoxicam"

A Thesis submitted in partial fulfillment of the requirements for the Degree of Doctor of Philosophy in Pharmaceutical Sciences

(Drug Technology)

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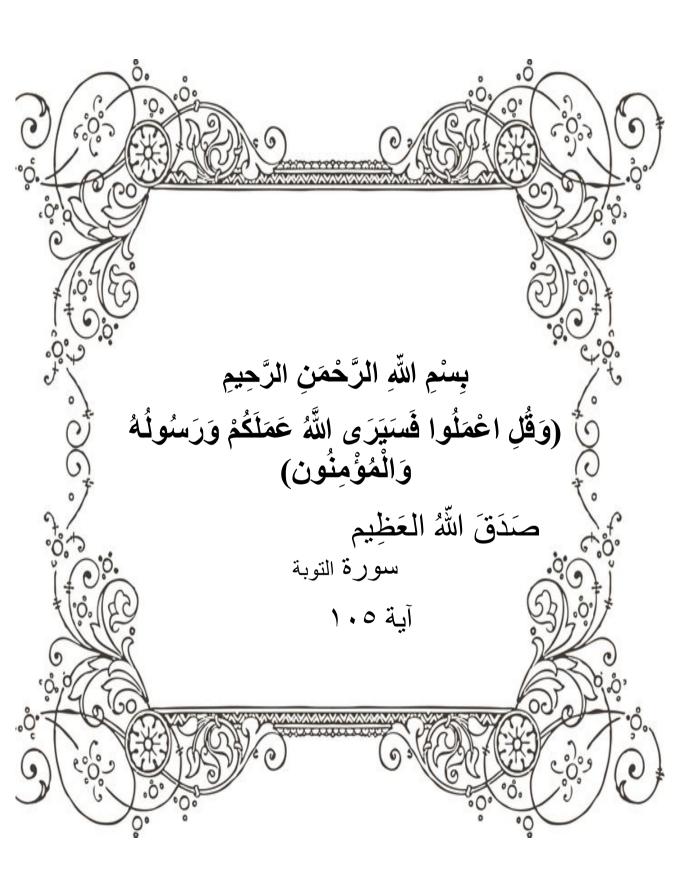
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Dedication

To my dearest parents, sisters, husband and my children

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List of abbreviations

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CH Cholesterol

Cox Cyclooxygenase enzyme

Da Dalton

DP Dicetyl phosphate

DSC Differential scanning calorimetry

ECM Extracellular matrix

EE% Entrapment efficiency percent

FDA Food and drug administration

FT-IR Fourier transform infrared spectroscopy

g Gram

GAGs Glycosaminoglycans

GIT Gastrointestinal tract

GRASS Generally regarded as safe substance

h Hour

HA Sodium hyaluronate