Giant unilamellar vesicles : an efficient membrane biophysical tool and its application in drug delivery studies

Lopez Mora, N.F.

Giant unilamellar vesicles:

An efficient membrane biophysical tool and its application in drug delivery studies

NESTOR FABIAN LOPEZ MORA

Giant unilamellar vesicles:

An efficient membrane biophysical tool and its application in drug delivery studies

Proefschrift

ter verkrijging van

de graad van Doctor aan de Universiteit Leiden,

op gezag van Rector Magnificus prof.mr. C.J.J.M. Stolker,

volgens besluit van het College voor Promoties

te verdedigen op donderdag 7 juli 2016

klokke 11.15 uur

door

Nestor Fabian Lopez Mora

geboren te Mexico D. F., Mexico, 1978

Promotiecomissie

Promotor: Prof. dr. A. Kros Faculty of Science, LIC

Thesis Comissie:

Prof. dr. J. Brouwer (VZ), Faculty of Science, LIC

Prof. dr. M.H.M. Noteborn (secretaris), Faculty of Science, LIC

Prof. dr. N.A.J.M. Sommerdijk, Eindhoven University of Technology

Prof. dr. P. Booth, King's College London

Dr. R. Kieltyka, Faculty of Science, LIC

ISBN: 978-94-6332-039-9

Dedicated to my family:

my parents Javier and Raquel,

my sister Minerva and my brother Leonardo.

Table of Contents