Bioadhesive Buccal Discs of Fluvastatin Sodium

A thesis submitted in the partial fulfillment of the requirements for the Master degree of Pharmaceutical Sciences (Pharmaceutics)

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2016

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Acknowledgement

First and foremost, thanks to Allah for helping and guiding me to fulfill this work.

I want to express my profound appreciation and sincere gratitude to my supervisor Prof. Dr. Nagia Nagib Afifi, professor of Pharmaceutics and Industrial Pharmacy, Faculty of Pharmacy, Cairo University and German University in Cairo, for her supervision, valuable guidance, and the continuous support and great patience throughout the development of this work.

I would also like to express my thanks and gratitude to Prof. Dr. Gehanne Abdel Samie Awad, professor of Pharmaceutics and Industrial Pharmacy, Faculty of Pharmacy, Ain Shams University, for her great academic assistance to accomplish this work.

I would like to truly thank Prof. Dr. Ahmed Hassan Elshafeey and all staff members of the Genuine Research Center, Cairo, Egypt, for their kind assistance and excellent support in the in-vivo study on human volunteers.

I would like to thank the staff members of the Pharmaceutics and Industrial Pharmacy department, Faculty of Pharmacy, Ain Shams University.

Words are not enough to express my deepest thanks and gratitude to my dear parents for their continuous guidance, endless support and encouragement that helped me get through the difficulties faced while accomplishing this work. I dedicate this work to them.

Finally, a special debt of gratitude is acknowledged to my dear husband and two beloved sons for putting up with me and supporting me throughout this journey.

Dedication

This work is dedicated to my dearest parents,

Abdulla and Huda Assaedi, with love.

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List of Abbreviations

AE	Adverse events
API	Active pharmaceutical ingredient
AUC	Area under the curve
CD	Cyclodextrin
CET	Cetrimide
CHD	Coronary heart disease
CP	Carbopol
CR	Controlled release
DMSO	Dimethyl sulfoxide
EC	Ethyl cellulose
ER	Extended release
FRA	Fraction absorbed
FRP	Fraction permeated
FVS	Fluvastatin sodium
GG	Guar gum
HDL	High density lipoproteins
HMG-CoA	3-hydroxy-3-methyl glutaryl coenzyme A
HPMC	Hydroxypropylmethyl cellulose
HP-β-CD	Hydroxypropyl-beta-cyclodextrin
HVD	Half value duration
IR	Immediate release
LC-MS/MS	Liquid chromatography-mass spectrometry
LDL	Low density lipoproteins
MCC	Microcrystalline cellulose
MCGs	Membrane coating granules
MRT	Mean residence time

OA	Oleic acid
PEG	Polyethylene glycol
RH	Relative humidity
SALG	Sodium alginate
SCMC	Sodium carboxymethyl cellulose
SC	Sodium cholate
SDC	Sodium deoxycholate
SLS	Sodium lauryl sulfate
SR	Sustained release
T80	Tween 80

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