

بسم الله الرحمن الرحيم

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تم رفع هذه الرسالة بواسطة / سلوي محمود عقل

بقسم التوثيق الإلكتروني بمركز الشبكات وتكنولوجيا المعلومات دون أدنى مسئولية عن محتوى هذه الرسالة.

ملاحظات: لا يوجد

AIN SHAMS UNIVERSITY

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Faculty of Pharmacy

Department of Pharmaceutics and Industrial Pharmacy

Topical delivery systems for a natural product

Thesis submitted in partial fulfillment of the requirements for the Master Degree in Pharmaceutical Sciences

(Pharmaceutics)

By

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Acknowledgments

First and foremost, thanks to God by the grace of whom this work was achieved.

I was lucky to have supervisors who cared a lot about me and my work.

I would like to express my sincere gratitude to **Prof. Sabry Sayed Badawy** (**RIP**), Professor of Pharmaceutics and Industrial Pharmacy, Faculty of Pharmacy, Misr International University, for the great support, valuable guidance, and precious advices.

No word could ever express my deep thanks and gratitude to **Prof. Rihab Osman Ahmed**, Professor of Pharmaceutics and Industrial Pharmacy, Faculty of Pharmacy, Ain Shams University, for her valuable advices, critical comments, extreme patience; I owe her a lot of gratitude for providing me with a wealth of information and great support.

I am also grateful **to Prof. Rania Aziz Ishak**, Professor of Pharmaceutics and Industrial Pharmacy, Faculty of Pharmacy, Ain Shams University, who directed and encouraged me throughout my thesis with her patience and knowledge. I am very thankful for her valuable guidance and supervision.

I would like to express my gratitude to **Prof. Hany Mahmoud**, Head of Pharmaceutics and Industrial pharmacy department, Misr International University, for his great support.

I would like to express my deep thanks to my colleague **Reem Ashraf** for her technical and knowledgeable advice and support.

Finally, my deep and sincere gratitude to **my family** who encouraged and supported me all along.

Bassant Atef 2022

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Arabic summary

List of Abbreviations

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Abbreviation Designation

 α -MNG α -mangostin

5-FU 5-flurouracil

AG Ammonium glycyrrhizinate

AgNPs Silver nanoparticles

ANOVA Analysis of variance

BCC Basal cell carcinoma

BSA Bovine serum albumin

CLO Clotrimazole

Conc Concentration

Cur Curcumin

DEX Dexamethasone

DSC Differential scanning calorimetry

DMBA 7,12- dimethylbenz(a)anthracene

EE Entrapment efficiency

EMT Epithelial-mesenchymal transitions

FLU Fluconazole

GSH Glutathione

HDA 10-Hydroxy decanoic acid

h Hour

IC50 50% inhibitory concentration

LDH Lactate dehydrogenase

LDC Lidocaine

m-Cur Monoketonic curcuminoid

ME Microemulsion

MDA Malondialdehyde

MTT ((3-(4,5-dimethylthiazol-2-yl)-2,5-

diphenyltetrazolium bromide)

Mag Magnolol

NE Nanoemulsion

NLCs Nanostructured lipid carriers

NMSC Non-melanoma skin cancer

NPs Nanoparticles

OA Oleic acid

OAV Oleic acid vesicles

OCT Optical coherence tomography

OG Organogel

PBS Phosphate buffer solution

PS Particle size

PDI Polydispersity index

PpIX Protoporphyrin IX

PTX Paclitaxel

PL90G 90% Soya phosphatidylcholine

PLN PEGylated lipid nanocarriers

PLO Pluronic lecithin organogel

RA Rheumatoid arthritis

RCM Reflectance confocal microscopy

ROS Reactive oxygen species

Rpm Rotation per minute

SAA Surface active agent

SEM Scanning electron microscope

SC Stratum corneum

SCC Squamous cell carcinoma

SSD Silver Sulphadiazin

TEM Transmission electron microscope

TER Terbinafine

UF Ufasomes

UV Ultraviolet

Vs Versus

ZP Zeta potential

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