

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

وَلَسَوْفَ يُعْطِيكَ رَبُّكَ فَتَرْضَىٰ

صدق الله العظيم

**OSTEOPONTIN EXPRESSION IN DIFFERENT
TYPES OF ORAL LICHEN PLANUS
(AN IMMUNOHISTOCHEMICAL STUDY)**

Thesis

**Submitted in Partial Fulfillment of the
Requirement of Master Degree in Oral Medicine and
Periodontology**

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2009**



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Acknowledgment



This project would not have been possible without the support of some important people to me.

*I would like to express my gratitude to professor **Dr. Reda Abd El Rahman**, Professor of Oral Medicine, Oral Diagnosis and Periodontology. Without his knowledge and assistance this project would not have been completed. I will never forget all support and help that he provided me greatly to achieve this work. Honestly, i am lucky and very proud to be one of his candidates.*

*Most importantly, My Special thanks and deepest appreciation to **Dr. Shahenaz Gamal El Din EL Ashery**, Lecturer of Oral Medicine, Oral Diagnosis and Periodontology, who was abundantly truthful, faithful, ready to lend a hand in every time and offered invaluable assistance, support and guidance. I'll remain thankful for this educator for all my life, keeping all concepts that she teached me in mind. She taught me how much it is important to be a sincere person before becoming a teacher, a message I'll carry in my heart forever.*

*I would also like to thank **Dr. Abeer Shaalan**, Assistant Lecturer of Oral Pathology Department, for her assistance and guidance in this project.*

*Thanks to **Dr. Hebat ALLA Mohamed Shabaan** Lecturer of Cytology Department, National Cancer Institute, for her help.*

Profoundly, I would like to thank all my patient patients for their help and cooperation. May God alleviate their suffering and pain, give them strength and faith to tolerate.

*Last but not the least, thanks to my precious husband **Dr. Samer Abdlgabbar** for his continues support and motivation, without him my dreams never to be completed. Thanks to all my family members, deeply my grandmother.*



To my light when all was dark,

To my mom

*To who make me stronger, unbreakable
and forgiving person,*

To my husband

To my hope when there was no hope,

To my sister

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List of Abbreviations

AMA	Antimitochondrial autoantibodies
ANA	Antinuclear autoantibodies
APCs	Antigen presenting cells
BP	Bullous pemphigoid
CD44	Cluster of differentiation
CGVHD	Chronic graft-versus- host disease
CLD	Chronic liver disease
DAB	Diaminobenzidine
DCs	Dendritic cells
DNA	Dinucleotide adenosin
ECM	Extracellular matrix
EGF	Epidermal growth factor
Eta-1	Early T-cell activation protein-1
H & E	Hematoxylin and Eosin
HCV	Hepatitis C virus
HLA	Human leukocyte antigen
ICAMs	Intercellular adhesion molecules