## **Contents**

Introduction and aim of the essay	1
Review of Literature	
TLRs In Immunity	4
TLRs in The Epidermis	33
TLRs in Dermatologic Diseases	38
❖ Atopic eczema	38
❖ Psoriasis	47
Acne vulgaris	54
Lupus erythematosus	55
Lepromatous Leprosy	59
❖ Ultraviolet injury	60
Pyogenic bacterial infections	66
❖ Candidiasis	67
Leishmania major	69
* Borreliosis and syphilis	70
* Poxviruses	71
TLRs as Therapeutic Targets	73
Summary	97
Recommendation	99
References	101
Arabic Summary	1