## CHAPTER 34

# MEDICAL SCIENCES MICROBIOLOGY

## Doctoral Theses

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Molecular Analysis of Cytokine Polymorphism in Conjunction with the Study of Immune Response to Common Recall Antigens, Superatigens and Xenobiotic Compounds in Autommune Skin Diseases.

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<u>Th 18963</u>

#### Abstract

Studies the immune response to common microbial superantigens and recall antigens, and xenobiotic compounds in common autoimmune skin diseases namely pemphigus, scleroderma and systemic lupus erythematosus. Also contained is the genotypic analysis of twenty-two single nucleotide polymorphisms in thirteen cytokine genes in these diseases.

### Contents

1. Introduction. 2. Review and literature. 3. Materials and mothods. 4. Summary and conclusions.