



شبكة المعلومات الجامعية

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شبكة المعلومات الجامعية
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شبكة المعلومات الجامعية التوثيق الالكتروني والميكرو فيلم



شبكة المعلومات الجامعية

جامعة عين شمس

التوثيق الالكتروني والميكرو فيلم

قسم

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بالرسالة صفحات لم ترد بالاصل

٢٥٧٢

*Serum Level of Soluble Vascular Cell Adhesion
Molecule -1 (sVCAM-1) in Bronchial asthma in
Children*

*Thesis submitted to
the Faculty of Medicine,
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RS

Master of Pediatrics

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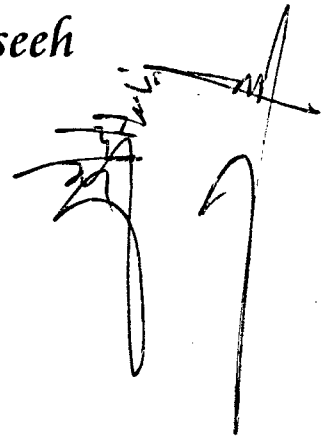
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DEDICATED

To

My Family

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LIST OF ABBREVIATIONS

| | |
|----------------|--|
| BEAS | Human bronchial epithelial cell line |
| CAMs | Cell adhesion molecules |
| DNA | Deoxyribonucleic acid |
| ECM | Extracellular matrix proteins |
| EGF | Endothelial growth factor |
| ESL | E-selectin ligand |
| FN | Fibronectin. |
| FP | Fluticasone propionate |
| GM-CSF | Granulocyte-macrophage colony stimulating factor |
| GMP | Granule-associated membrane protein |
| GRL1 | Glucocorticoids receptor 1 |
| ICAM | Intercellular adhesion molecule |
| IFN- γ | Interferon γ |
| IgE | Immunoglobulin E |
| IL-4 | Interleukin 4 |
| IL-5 | Interleukin 5 |
| IRF | Interferon-related factor |
| LECAM | Lectin-like cell adhesion molecule |
| LFA | Lymphocyte function-associated antigen |
| LPS | Lipopolysaccharide |
| MAC | Membrane-attack complex |
| MadCAM-1 | Mucosal addressin cell adhesion molecule-1 |
| MCP-3 | Macrophage chemotactic protein-3 |
| MIP-1 α | Macrophage inflammatory protein-1 α |
| N-CAM | Neural cell adhesion molecule |
| NF- κ B | Nuclear factor - κ B |

| | |
|------------------|---|
| NIH | National institute for Health |
| NO | Nitric oxide |
| PADGEM | Platelet activation-dependent granule-external membrane protein |
| PAF | Platelet activating factor |
| PECAM | Platelet endothelial cell adhesion molecule |
| PGE ₂ | Prostaglandin E ₂ |
| PMN | Polymorphonuclear |
| RANTES | Regulated on activation, normal T-cell expressed and secreted |
| RSV | Respiratory syncytial virus |
| SCF | Stem cell factor |
| sLe | sialyl Lewis |
| sVCAM-1 | Soluble vascular cell adhesion molecule -1 |
| Tc1 cells | Type 1 cytolytic T cells |
| Th ₁ | T-helper type 1 |
| Th ₂ | T-helper type 2 |
| TNF- α | Tumor necrosis factor- α |
| VLA | Very late antigen |

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