شبكة المعلومات الجامعية

بسم الله الرحمن الرحيم

شبكة المعلومات الجامعية

التوثيق الالكتروني والميكروفيلم

شبكة المعلومات الجامعية

جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

قسم

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها
علي هذه الأقراص المدمجة قد أعدت دون أية تغيرات

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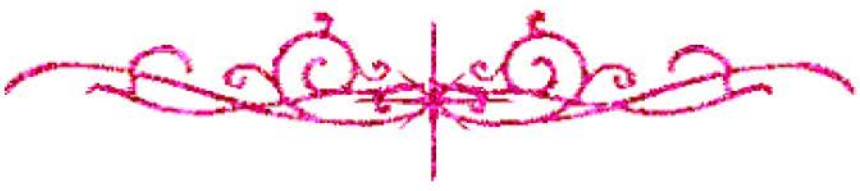
بعض الوثائق الأصلية تالفة



Recent Advances in Autoimmune Endocrine Diseases.

رسالة

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بسم اللة الرحمن الرحيم

"سُبحَانَكَ لاَ عِلمَ لَنَا إلا مَا
عَلَّمتَنَا إنَّكَ أنتَ العَلِيمُ
الحَكِيمُ"

صدق اللة العظيم

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Abstract

Autoimmunity is the pathogenic basis of most disorders affecting the endocrine system (***James et al., 1997***). Tissue damage is a cell specific that result in organ failure or dysfunction that gives rise to the clinical syndrome (***Mark and Diego, 1997***).

Autoimmune endocrine diseases include Type 1 Diabetes Mellitus, Hashimoto's thyroiditis, Graves disease, Addison's disease, Polyglandular syndromes and Autoimmune Gonadal failure. ***(James et al., 1997)***.

Research into the pathogenesis of these diseases has concentrated on two areas the immune effectors (antibody, T lymphocyte, cytokines) that damage tissues or interfere with cell function and the nature of the targets (cell-specific auto antigens) against which the immune response is directed (***Mark and Diego, 1997***).

Endocrine autoimmune diseases are typically more common in women, strongly implying a hormonal influence on their development. These disorders are also influenced by two other main factors: genes and environment. The disorders frequently "run" in families and have an association with certain HLA types (***Mark and Diego, 1997***).

One of the other main features of the organ-specific autoimmune diseases is the presence in the serum of autoantibodies directed against a variety of components of the target organ or cell. The targets may be within the cell and are often enzymes; targets may also be on the cell surface, such as molecules with receptor function; or they may be the secreted products of the cell, such as hormones ***(Mark and Diego, 1997)***.

List of Abbreviations

Addison's Disease	AD
Adrenal Cortex Antibody	ACA
Amino Acid	AA
Antigen Presenting Cells	APCs
Anti-Thyroid Drugs	ATD
Aromatic L-Amino Acid Decarboxylase	AADC
Autoantibodies	AAbs
Auto-Immune Chronic Active Hepatits	AI-CAH
Autoimmune Polyglandular Syndrome	APS
Autoimmune Regulator	AIRE
Autoimmune Regulator-1	AIRE-1
Autoimmune Thyroid Disease	AITD
Bile Salt-Dependent Lipase	BSDL
Biobreeding Diabetes Prone	BB-DP
Carbon Monoxide	CO
Cysteine- Alanine	CA
Cytochrome P450 21 Hydroxylase	CYP 21
Cytochrome P450 Side-Chain Cleavage Enzyme	P450 SCC
Cytotoxic T Lymphocytes	CTLs
Cytotxic T Lymphocyte Antigen-4	CTLA-4
Dendritic Cells	DCs

Endothelial Cells	ECs
Epitope Region	ER
Fragment Antigen Binding	Fab
Fragment with two Antigen Binding sites	$F(ab)_2$
Free-Thyroxine Indices	FTI41
Glucose-Regulated Protein of 94 Kda	Grp 94
Glutamic Acid Decarboxylase	GAD
Glycine-Cysteine-Threonine	GCT
Granulocyte / Macrophage Colony-Stimulating Factor	GM-CSF
Graves' Disease	GD
Hashimoto's Thyroiditis	HT
Histocompatability Leucocyte Antigen	HLA
Immunoglubulin	Ig
Immunoprecipitation Assays	IPAs
Inducible Nitric Oxide Synthase	iNOs
Insulin Autoantibodies	IAAs
Insulin-Dependent Diabetes Mellitus	IDDM
Intercellular Adhesion Molecule	ICAM
Interferon-γ	IFN-γ
Interleukin	IL
Intra Thyroidal Lymphocytes	ITL
Islet-Cell Cytoplasmic Autoatibodies	ICAs
Juxtamembrane Amino Acid 611-620	epitope-JM1
Juxtamembrane Amino Acid 621-630	epitope-JM2