



شبكة المعلومات الجامعية

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شبكة المعلومات الجامعية

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# شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم





شبكة المعلومات الجامعية

# جامعة عين شمس

التوثيق الالكتروني والميكروفيلم

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**SOME IMMUNOLOGICAL ASPECTS OF  
GASTROINTESTINAL TRACT MALIGNANCIES:  
AN UP DATE**

*Essay*

*Submitted for Partial Fulfillment of Requirement  
for M.S., Degree in General Surgery*

by

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﴿قَالُوا سُبْحَانَكَ لَا عِلْمَ لَنَا  
إِلَّا مَا عَلَّمْتَنَا إِنَّكَ أَنْتَ  
الْعَلِيمُ الْحَكِيمُ﴾

صدق الله العظيم

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## LIST OF ABBREVIATION

ACTH	Adrenocorticotropic hormone
ADCC	Antibody - dependent cellular cytotoxicity
AFP	Alpha - feto protein
ATL	Adult T-cell leukemia
CEA	Carcinoma embryonic antigen
CK	Creatine kinase
CT	Calcitonin
EB virus	Epstein - Barr virus
GICA	Gastrointetinal cancer-associated antigen
FCDFP	Breast cyst fluid protein
GTT	Gestation trophoblastic tumours
HBV	Hepatitis B virus
HCC	Hepatocellular carcinoma
HCG	Human chorionic ganodotropin
HLA	Human lymphocyte antigen
TL-2	Interleukin - 2
HTLV	Human T-cell lymphadenotropic virus
K	Killer cell
LAK	Lymphokine - activated killer cells
LSA	Lipid bound sialic acid
LDH	Lactic dehydrogenase
Mabs	Mono clonal antibodies
MHC	Major histocompatibility complex
NK	Nature killer cell
NSE	Nuron - specific enolase
PAP	Prostatic acid phosphatase
PDGF	Platelet derived growth factor
TC	Cytotoxic T-cells
TGF	Transforming growth factors
TIL	Tumour - infiltrating lymphocytes
T <sub>IND</sub>	T inducer
T <sub>s</sub>	T suppressors



