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شبكة المعلومات الجامعية

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**EARLY DETECTION OF CMV INFECTION IN
IMMUNOCOMPROMISED CANCER PATIENTS WITH
HAEMATOLOGIC MALIGNANCIES**

Thesis

**Submitted for Partial Fulfilment for the Doctorate Degree in
Clinical Pathology and Laboratory Oncology**

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List of Abbreviation

Ag	Antigen
ALL	Acute Lymphoblastic Leukemia
AML	Acute Myeloblastic Leukemia
ANLL	Acute Non Lymphoblastic Leukemia
BMT	Bone Marrow Transplant
CBC	Complete Blood Count
CMV	Cytomegalovirus
CNS	Central Nervous System
CPE	Cytopathic Effects
CTL	Cytotoxic T-lymphocytes
EBV	Epstein – Barr Virus
EM	Electron Microscopy
FAB	French – American – British
GIT	Gastro Intestinal Tract

GVHD	Graft Versus Host Reaction
HCMV	Human Cytomegalovirus
HIV	Human Immunodeficiency Virus
HSV	Herpes Simplex Virus
IE	Immediate Early
IF	Immunofluorescence
IRS	Inverted Repeat Sequence
MDS	Myelodysplastic Syndrome
MHC	Major Histocompatibility Complex
NCI	National Cancer Institute
NIEP	Non-Infections Enveloped Particle
NK	Natural Killer
ORF	Open Reading Frame
PAS	Periodic Acid – Schiff
PCR	Polymerase Chain Reaction
Ph ¹	Philadelphia chromosome
PMNL	Polymorph Nuclear Leucocytes

PPV	Positive Predictive Value
Q- PCR	Quantitative PCR
RT PCR	Reverse Transcriptase PCR
SCT	Stem Cell Transplant
TdT	Terminal Deoxynucleotide Transferase
TRS	Terminal Repeat Sequence
TT- CMV	Transfusion Transmission of CMV
U _L	Unique Short
U _S	Unique long
VZV	Varicella Zoster Virus
WHO	World Health Organization