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شبكة المعلومات الجامعية التوثيق الالكتروني والميكرو فيلم



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2012/12/18

GENE THERAPY: APPLICATION IN RHEUMATOID ARTHRITIS

Essay

**Submitted for Partial Fulfillment of
The Master Degree in
*Clinical Pathology***

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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

﴿ قَالُوا سُبْحَانَكَ لَا عِلْمَ لَنَا إِلَّا مَا عَلَّمْتَنَا

إِنَّكَ أَنْتَ الْعَلِيمُ الْحَكِيمُ ﴾

صَدَقَ اللَّهُ الْعَظِيمُ

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LIST OF ABBREVIATIONS

α	: Alpha.
β	: Beta.
δ	: Delta.
γ	: Gamma.
Ψ	: Packaging signals.
β -gal.	: β -galactosidase.
AAV	: Adenoassociated virus.
Ad	: Adenovirus.
ADA	: Adenosine deaminase.
C3	: Complement 3.
CD4 lymphocyte:	Thelper lymphocyte.
CD8 lymphocyte:	T cytotoxic lymphocyte.
cDNA	: Complementary DNA.
CFTR	: Cystic fibrosis transmembrane conductance regulator.
CRP	: C-reactive protein.
DNA	: Deoxyribonucleic acid.
ELAM-1	: Endothelium-leucocyte adhesion molecules-1.
ELISA	: Enzyme linked immunosorbent assay.
ENV	: Envelope glycoprotein.
FC	: Fragment cristalizable of antibody.
G418	: A synthetic neomycin analogue.
GAG	: Virion structural protein.
GBSS	: Gey's balanced salt solution.
GM-CSF	: Granulocyte macrophage colony-stimulating factor.
HLA	: Human leukocytic antigen.

LIST OF ABBREVIATIONS_(Cont.)

- Ru486 : Progesterone antagonist.
- SCID : Severe combined immunodeficiency.
- sIL-1R : Soluble interleukin-1 receptor.
- sTNF- α R : Soluble tumor necrosis factor- α receptors.
- TGF- β : Transforming growth factor- β .
- TNF- α : Tumor necrosis factor- α .
- VCAM-1 : Vascular cell adhesion molecules-1.
- X-gal. : 5-bromo-4-chloro-indolyl- β -D-galactose.

Introduction and Aim of The Work

