

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ



شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم



شبكة المعلومات الجامعية

جامعة عين شمس

التوثيق الالكتروني والميكروفيلم

قسم

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بالرسالة صفحات
لم ترد بالأصل

**EVALUATION AND ASSESSMENT OF THE INDIRECT HEMAGGLUTINATION
TEST IN DIAGNOSIS AND CURE OF SCHISTOSOMAL INFECTION IN
COMPARISON TO THE CIRCUMOVAL PRECIPITIN TEST**

Thesis

Submitted for partial fulfillment

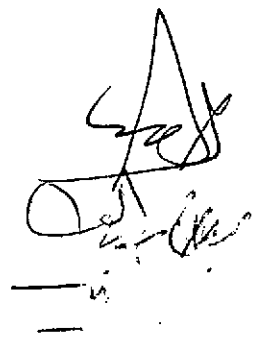
Of

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بسم الله الرحمن الرحيم

”قَالُوا سُبْحَانَكَ لَا عِلْمَ لَنَا إِلَّا بِمَا

عَلَّمْتَنَا إِنَّكَ أَنْتَ الْعَلِيمُ الْحَكِيمُ”

صدق الله العظيم

سورة البقرة

آية ٣٢

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LIST OF ABBREVIATIONS

HLA	Human leukocytic antigen.
GAPDA	Glyceraldehyde -3- phosphate dehydrogenase.
KDa	Kilo dalton
GST	Glutathione - s- transferase
MAP	Multiple antigen peptide.
(Sm28GST)	Somatic antigen <i>S. mansoni</i> 28 KDa glutathione - s- transferrase.
TPI	Triose phosphate isomerase
INF γ	Interferon gamma.
MHC	Major histocompatibility.
CCA	Circulating cathodic antigen.
CAA	Circulating anodic antigen.
TCA	Trichloroacetic acid.
SEA	Soluble egg antigen.
MSA	Major serological <i>S. mansoni</i> egg antigen.
CEF ₆	The sixth cationic fraction.

List of abbreviations

MW	Molecular weight
SWAP	Schistosomal worm antigen preparation.
WWH	Whole worm homogenate
ADCC	Antibody dependent cell mediated cytotoxicity.
TNF	Tumor necrosis factor.
CSF	Colony stimulating factor.
CMI	Cell mediated immunity.
DTH	Delayed type hypersensitivity.
PBMC	Peripheral blood mononuclear cells.
NK	Natural killer cells.
GM-CSF	Granulocyte macrophage - colony stimulating factor.
ESP	Eosinophil stimulation promotor.
CIC	Circulating immune complexes.

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