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شبكة المعلومات الجامعية التوثيق الالكتروني والميكرو فيلم



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SPECIFIC IMMUNE COMPLEXES IN EXPERIMENTAL SCHISTOSOMIASIS

Thesis

Introduction for the Degree of M.D. in Basic
Medical Science (Parasitology)

BY

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DEDICATED

To My

Parents

Wife

Daughter "Laila"

Son "Hatem"

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LIST OF ABBREVIATIONS

ABTS	: Azo-beno-thiazoline-sulphonic acid.
ADCC	: Antibody dependent cell mediated cytotoxicity.
APC	: Antigen presenting cell.
AWA	: Adult worm antigen.
BCA	: Bicinchoninic acid.
BSA	: Bovine serum albumin.
C	: Complement.
CAA	: Circulating anodic antigen.
CCA	: Circulating cathodic antigen.
CE	: Cercarial elastase.
CFF6	: Cationic egg fraction No.6
CFT	: Complement fixation test.
CHR	: Cercarian hullen reaction.
CIC	: Circulating immune complex .
CIE	: Counter current immunoelectrophoresis.
COPT	: Circumoval precipitin test.
CRS	: Chemical reagent strips.
CsAg	: Circulating schistosomal antigen.
CSAb	: Circulating schistosomal antibody .
CSIgG	: Circulating schistosomal immune globulin G.
CSWA	: Circulating schistosomal worm antigen.
DASS	: Defined antigen substrate sphere system.
DIG ELISA	: Diffusion in Gel- Enzyme linked immunosorbent assay.

DOT ELISA	: Dot Enzyme linked immunosorbent assay.
ELISA	: Enzyme linked immunosorbent assay.
EGF	: Egg per gram faeces.
EPO	: Eosinophil peroxidase.
FAST ELISA	: Enzyme linked immunosorbent assay based on Falcon assay screening test system.
GASP	: Gut associated schistosome proteoglycan.
GBM	: Glomerular basement membrane.
HAMA	: Haematobium adult worm microsomal antigen.
HBs Ag	: Hepatitis B surface antigen.
HRP	: Horse raddish peroxidase.
IC	: Immune complexes.
IEP	: Indirect electrophoresis.
IHAT	: Indirect haemagglutination test.
IDT	: Intradermal test.
IFAT	: Indirect fluorescent antibody test.
IgA	: Immunoglobulin A .
IgE	: Immunoglobulin E .
IgG	: Immunoglobulin G .
IgM	: Immunoglobulin M .
IL	: Interleukin .
Mab	: Monoclonal antibody .
MAMA	: Microsomal antigen of <u>S. mansoni</u> adult worm.
MIT	: Miracidial immobilization test.
MSA	: Major serologic antigen.
OD	: Optical density.
PBS	: Phosphate buffer saline.
PSAP	: Phenol sulfuric acid peak.
PVDF	: Polyvinylidene difluoride membrane.

RIA	: Radio-immunoassay.
rPM	: Round per minute .
RIP-PEG	: Radio-immuno- precipitation polyethylene glycol.
SDS	: Sodium dodecyl sulphate.
SEA	: Soluble egg antigen.
SMTM	: <u>S. mansoni</u> tropomycin.
SMW	: <u>S. mansoni</u> worm.
SWAP	: Soluble worm antigen protien.
TIA	: Thin layer immunoassay technique.
TCA	: Trichloroacetic acid.

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