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التوثيق الالكتروني والميكروفيلم

جامعة عين شمس

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« قَــســم »

نقسم بلله العظيم أن المادة التي تم توثيقها وتسجيلها
علي هذه الأفلام قد اعدت دون آية تغيرات

يجب أن

تحفظ هذه الأفلام بعيداً عن الغبار

في درجة حرارة من 15 – 20 مئوية ورطوبة نسبية من 20-40 %

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15 – 25c and relative humidity 20-40 %

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بالرسالة صفحات

لم ترد بالأصـــل

Stress Cytokines and Cortisol Serum Levels in Dementia

A THESIS

Submitted In Partial Fulfillment of Requirements For The Master Degree in Microbiology and Immunology

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**Faculty of Medicine
Assiut University
2002**

TO
MY FAMILY

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List of Abbreviations

A2M = α2 macroglobulin.

Aβ = Amyloid - β - protein.

Ach = acetylcholine.

ACTH = adrenocortico trophic hormone.

AD = Alzheimer's dementia.

ADCS = Alzheimer's Disease Cooperative Study.

ANOVA = one-way analysis of variance.

APOE = apolipoprotein E.

APP = Amyloid Precursor Protein.

βAPP = β Amyloid Precursor Protein.

BM = Brodmann area.

CDR = Clinical Dementia Rating.

ChE = Choline-esterase enzyme.

CNS = Central Nervous System.

CPPs = Common population polymorphisms.

CRP = C-reactive protein.

CSF = Cerebro Spinal Fluid.

CT = Computerized tomography.

Dab-1 = Disabled – 1.

DAT = Dementia of Alzheimer's type.

DOAT = Dementia of all types.

DS = Down syndrome.

DSM = Diagnostic and Statistical manual.

ECG = Electro cardio graph.

Ed = Edition.

ELISA = Enzyme linked immuno-sorbant assay.

ESR = Erythrocyte sedimentation rate.

GDS = Geriatric Depression Scale.

GFAP = glial fibrillary acidic protein.

HPA = hypothalamic – pituitary – adrenal.

Hs-CRP = high sensitivity CRP.

IADLS = Instrumental Activities of Daily Living Scale.

IL-1β = Interleukin – 1β.

IL-1Ra = IL-1 receptor antagonist.

IL-6 = Interleukin – 6.

LRP = Lipoprotein receptor related protein.

LSD = Least Significant Difference.

MAI = Multilevel Assessment Instrument.

MD = Mixed dementia.

Mena = the mammalian homologous of enabled.

M/F = Male/Female.

MID = Multi-infarcted dementia.

MMSE = Mini – Mental State Examination.

MRI = Magnetic resonance imaging.

NINCDS-ADARDA = National institution of Neurological and Communicative disorders-Alzheimer's disease and related disorder association.

NS = Non significant.

PS = presenilin.

SE = Standard error.

SeD = Secondary dementia.

VAD = Vascular Dementia.