Work Stress anxiety and depressive symptoms in Relation to Cognitive Functions and Cortisol Level among group of Egyptian Medical Residents (A Cross Sectional Comparative Study)

Thesis

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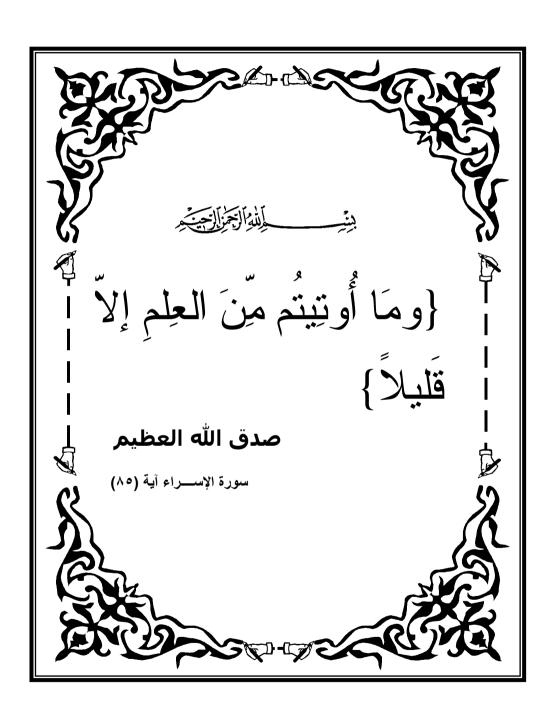
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List of Abbreviations

- **5- TH:** 5- Hydroxy Tryptamine.
- 17-HOCs: 17- Hydroxyl Corticosteroids.
- ACTH: Adrenocorticotropic Hormone.
- **AL:** Allostatic Load.
- ANS: Autonomic Nervous System.
- **AR:** Alarm Reaction.
- **ATP:** Adenosine Triphosphate.
- **AVP:** Arginine Vasopressin.
- BA: Basal Nuclei.
- **BBB:** Blood Brain Barrier.
- **BDI:** Beck Depression Inventory.
- **BDNF:** Brain Derived Neurotrophic Factor.
- BLA: Basolateral Amygdaloid complex.
- **BM:** Basomedial Nuclei.
- **BP:** Blood Pressure.
- **CBG:** Corticosteroid Binding Globulin.
- **CCK:** Cholecystokinin.
- **CeA:** Central Amygdala.
- CeAL: Central Amygdala Lateral compartment.
- CeAM: Central Amygdala Medial compartment.
- CNS: Central Nervous System.
- CO: Cardiac Output.
- **COX:** Cyclo-oxygenase.
- **CRF:** Corticotrophin Releasing Factor.

- **CRFBP:** Corticotrophin Releasing Factor Binding Protein.
- **DA:** Dopamine.
- **DHEA:** Dehydroepiandrosterone.
- **DNA:** Deoxyribonucleic Acid.
- **DSM IV:** Diagnostic And Statistical Manual of Mental disorder forth edition.
- **EDs:** Emergency Departments.
- **ELISA:** Enzyme Linked Immuno S Assay.
- **EM:** Emergency Medicine.
- **ENT:** Ear Nose and Throat surgery.
- **FSH:** Follicular Stimulating Hormone.
- GABA: Gamma Amino Buteric Acid.
- **GAS:** The General Adaptation Syndrome.
- GCs: Glucocorticoids.
- **GFAP:** Glial Fibrilliary Acidic Protein.
- **GREs:** Glucocorticoid Responsive Elements.
- **HAM-A:** Hamilton Anxiety Rating scale.
- HCJSSQ: Hospital Consultant's Job Stress and Satisfaction.
- **HPA axis:** Hypothalamic Pituitary Adrenal axis.
- **HR:** Heart Rate.
- **HVA:** Homovanillic Acid.
- **IDO:** Indolamine 2,3-dioxygenase.
- **IGF-1:** Insulin like Growth Factor-1.
- IL: Interleukin.
- **INF:** Interferon.

- LA: Lateral Nuclei.
- LC: Lucus Coeruleus.
- **LH:** Lutinizing Hormone.
- **LSD:** Lysergic Acid Diethylamide.
- LTP: Long Term Potentiation.
- MBSR: Mindfulness-Based Stress Reduction.
- **MeA:** Medial Amygdala.
- MHPG: 3-methoxy-4-hydroxyphenyl glycol.
- **mPFC:** Medial Prefrontal Cortex.
- MQ: Memory Quotient.
- m-RNA: Messenger Ribonucleic Acid.
- MRS: Magnetic Resonance Spectroscopy.
- NAA: N-acetyl Aspartate.
- **NE:** Norepinephrine.
- **NGF:** Nerve Growth Factor.
- NK: Tachykinin.
- **NMDA:** N-methyl-D-aspartate.
- **NPY:** Neuro-peptide Y.
- **PACAP precursor**: Pituitary Adenylate Cyclase-Activating Polypeptide precursor.
- **PFC:** Prefrontal Cortex.
- **PG:** Prostaglandin.
- **PTSD:** Post Traumatic Stress Disorder.
- **PVN:** Paraventricular Neucleus.
- **SAM:** Sympathetic Adrenal Medullary.
- **SP:** Substance P.

- SRRS: Social Readjustment Rating Scale.
- **SR:** Stress Response.
- SVR: Systemic Vascular Resistance.
- **TDO:** Tryptophan 2,3 dioxygenase.
- TMS: Transcranial Magnetic Stimulation.
- TNF: Tumour Necrosis Factor.
- **UFC:** Free Cortisol in Urine.
- VIP: Vasoactive Intestinal Peptide.
- WHI: Work Home Interface.