



ABBREVIATIONS

- AA- Ascorbic acid
- ACP- Acid Phosphatase
- ACTH- Adrenocorticotropic hormone
- ALP- Alkaline Phosphatase
- AUC- Area Under Curve
- Cat- Catalase
- CAT- Catalase
- CHO- Serum cholesterol
- Cort- Corticosterone
- D- Diabetic
- E₂- Estrogen
- ERT – Estrogen Replacement Therapy
- FIRI- Fasting insulin resistance index
- GPx- Glutathione Peroxidase
- GSH- Glutathione
- GTT- Glucose tolerance test
- HDL- High Density Lipoproteins
- HHG- Hypothalamo-Hypophyseal-Gonadal axis
- HPA- Hypothalamo-Hypophyseal-Pituitary axis
- IRT- Insulin response test
- K_{IST}- Insulin sensitivity index
- LDL- Low Density Lipoproteins
- LPO- Lipid peroxidation
- M- Melatonin
- MH- Melatonin at a high dose

ML- Melatonin at a low dose

MST - Melatonin Supplementation Therapy

MST_H- Melatonin supplementation therapy at a high dose

MST_L- Melatonin supplementation therapy at a low dose

OVX- Ovariectomized rats

P₄- Progesterone

PMW- Post menopausal women

PND- Post natal day

POF- Premature Ovarian Failure

PRT- Progesterone Replacement Therapy

PUFA- Poly Unsaturated Fatty Acids

Px- Pancreactomized

RNS- Reactive Nitrogen Species

ROS- Reactive Oxygen Species

SGOT- Serum Glutamic-Oxaloacetic Transaminase

SGPT- Serum Glutamate Pyruvate Transaminase

SO- Sham operated

SOD- Superoxide dismutase

T- Testosterone

TG- Serum triglycerides

VLDL- Very Low Density Lipoproteins