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**ABBREVIATIONS AND SYMBOLS**

AI	= Artificial Insemination
pH	= Potential Hydrogen
ROS	= Reactive Oxygen Species
DNA	= Deoxyribonucleic acid
PUFA	= Poly Unsaturated Fatty Acid
NADPH	= Nicotinamide Adenine Dinucleotide
Phosphate GnRH	= Gonadotrophin-Releasing Hormone
GPC	= Glyceryl Phosphoryl Choline
mL	= militer
ATP	= Adenosine Tri-Phosphate
HOST	= Hypo-osmotic Swelling Test
TB	= Toluidine Blue
SOD	= Superoxide Dismutase
GPX	= Glutathione Peroxidase
GR	= Glutathione Reductase
CA	= Catalase
H	= Hydrogen
OH	= Hydroxyl
O <sub>2</sub> <sup>-</sup>	= Superoxide
H <sub>2</sub> O <sub>2</sub>	= Hydrogen Peroxide
CO <sub>2</sub>	= Carbon Dioxide
O <sub>2</sub>	= Oxygen
NO	= Nitric Oxide
NAD <sup>+</sup>	= Nicotinamide Adenine Dinucleotide
FAD	= Flavin Adenine Dinucleotide
mM	= Mili Molar
g	= Gram
Na-CMC	= Sodium-Carboxymethyl Cellulose
IU	= International Unit
SPSS	= Statistical Package for The Social Science