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LIST OF ABBREVIATIONS

5-HT	: 5-hydroxytryptamine (serotonin).
ABR	: Auditory brainstem response.
ACH	: Acetylcholine.
BP	: Blood pressure.
c	: Velocity of sound.
CAT	: Catalase.
CNs	: Central nervous system
d	: day.
DA	: Dopamine.
dB	: Decibel.
DBP	: Diastolic blood pressure.
EDTA	: Ethylene diamine tetra acetic acid
f	: Frequency.
f₀	: Fundamental frequency
FSH	: Follicle Stimulating hormone
FT	: Fourier Transform.
g, gm	: Gram.
GI	: Gastrointestinal.
GMA	: Gastromyocardial activity.
GPx	: Glutathione peroxidase.
GSH	: Oxidized glutathione.
GSSG	: Reduced glutathione.
HFN	: High frequency noise.
HR	: Heart rate.
hr	: hour.
HTN	: Hypertension.
Hz	: Hertz.
I	: Intensity.
I₀	: Reference intensity.
ICU	: Intensive care unit.
IFT	: Inverse fourier transform
Ig	: Immunoglobulin.

K-	: kilo-
L	: Length
l	: Liter
LFN	: Low frequency noise.
LH	: Luteinizing hormone
LL	: Loudness level
LPO	: Lipid peroxidation.
M	: Molar.
Max	: Maximum.
MDA	: Malondialdehyde.
min	: minute.
Min.	: Minimum.
MSC	: Mesenchymal stem cells.
μ	: micro-
n-	: nano-
NE	: Norepinephrine.
NIHL	: Noise induced hearing lose.
NO	: Nitric oxide.
NOR	: Novel Object Recognition.
NT	: Neurotransmitter.
OPT	: O- phthaldialhyde
P	: Pressure.
p	: probability of error
PA	: Public address amplifier.
Pa	: Pascale
RBCs	: Red blood Cells
RI	: Recognition index.
RMS	: Root mean square.
RNS	: Reactive nitrogen species.
ROS	: Reactive oxygen species.
rpm	: Round per minute
RS	: Reactive species.

RTA	: Real Time Audio.
sec	: Second.
SBP	: Systolic blood pressure.
SD	: Standard Deviation.
SDS	: Sodium dodecyl Sulphate
SLM	: Sound Level Meter
SOD	: Superoxide dismutase.
SPL	: Sound pressure level.
T	: Period.
t	: Time.
TBA	: Thiobarbituric acid
TMP	: Tetra methoxy propane
t₀	: Fundamental period
W	: Watt
WBCs	: White blood cells.
Wk	: Week.
WHO	: World Health Organization
Y	: Year.
λ	: Wavelength.