

## LIST OF ABBREVIATIONS

% v/v	=	percent volume by volume
°C	=	degree Celsius
µl	=	microlitre
µM	=	micromolar
5-HTP	=	5-hydroxytryptophan
5-HT	=	serotonin
abs.	=	absorbance
AcO	=	acetyl
AFMK	=	<i>N</i> (1)-acetyl- <i>N</i> (2)-formyl-5-methoxykynuramine
AMK	=	<i>N</i> 1-acetyl-5-methoxykynuramine
AIDS	=	acquired immunodeficiency syndrome
Bn	=	benzoyl
CAMs	=	cellular adhesion molecules
cm	=	centimeter
COX	=	cyclooxygenase
DMAP	=	dimethylaminopyridine
eNOS	=	endothelial nitric oxide synthases
HIOMT	=	hydroxyindole- <i>o</i> -methyltransferase
i.p.	=	intraperitoneal
IL	=	interleukin
iNOS	=	inducible nitric oxide synthases
kg	=	kilogram
LK	=	leukotrienes
LPS	=	lipopolysaccharide
mM	=	millimolar
MLT	=	melatonin
NAT	=	<i>N</i> -acetyltransferase
NF-κB	=	nuclear factor-κB
nm	=	nanometer

**LIST OF ABBREVIATIONS (Cont.)**

nNOS	=	neuronal nitric oxide synthases
NO	=	nitric oxide
NOS	=	nitric oxide synthases
pg	=	picogram
PG	=	prostaglandin
PGI	=	prostacyclin
PLA <sub>2</sub>	=	phospholipase A2
ROS	=	reactive oxygen species
s.c.	=	subcutaneous
SAR	=	structure activity relationship
SCN	=	suprachiasmatic nucleus
TNF	=	tumor necrosis factor
TXA <sub>2</sub>	=	thromboxane A2