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LIST OF ABBREVIATIONS

AC	=	adenylyl cyclase
ACh	=	acetylcholine
ATP	=	adenosinetriphosphate
° C	=	degree celsius
Ca ²⁺	=	calcium ion
Ca ²⁺ _i	=	intracellular calcium ion
CaM	=	calmodulin
CaMKII	=	Ca ²⁺ -calmodulin dependent protein kinase II
Cl ⁻	=	chloride ion
cADPR	=	cyclic ADP ribose
cAMP	=	cyclic adenosine monophosphate
CICR	=	calcium-induced calcium release
Cont.	=	continued
DAG	=	diacylglycerol
DHPR	=	dehydropyridine receptor
e.g.	=	exempli gratia (for example)
ft.	=	foot
gm	=	gram
H ⁺	=	hydrogen ion
in.	=	inch
i.p.	=	intraperitoneally
IP ₃	=	inositol 1,4,5-triphosphate

LIST OF ABBREVIATIONS (Cont.)

ISO	=	Isoproterenol
K^+	=	potassium ion
K_{ca}	=	Ca^{2+} -activated K^+ channel
kg	=	Kilogram
l	=	liter
M	=	molar
mg	=	milligram
Mg^{2+}	=	magnesium ion
ml	=	milliliter
MLC	=	myosin light chain
MLCK	=	myosin light chain kinase
mM	=	millimolar
μ M	=	micromolar
mV	=	millivolt
%	=	percent
Na^+	=	sodium ion
NaCl	=	sodium chloride
NO	=	nitric oxide
n	=	number
nM	=	nanomolar
OT	=	oxytocin
<i>p</i>	=	<i>p</i> value

LIST OF ABBREVIATIONS (Cont.)

PIP ₂	=	phosphatidylinositol diphosphate
PA	=	papaya leave's alkaloid
PDE	=	phosphodiesterase
PGF _{2α}	=	prostaglandin F _{2α}
PKA	=	protein kinase A
PLC	=	phospholipase C
PPase	=	phosphatase
ROC	=	receptor operated Ca ²⁺ channel
RyRs	=	ryanodine receptor
S.E.	=	standard error
SOCs	=	store-operated Ca ²⁺ channel
SR	=	sarcoplasmic reticulum
TEA	⇒	tetraethylammonium chloride
VOCs	=	voltage operated Ca ²⁺ channels

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