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LIST OF ABBREVIATIONS AND SYMBOLS

AC	=	adenylyl cyclase
ACh	=	acetylcholine
°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
cGMP	=	cyclic guanosine monophosphate
cNMP	=	cyclic nucleotide monophosphate
CICR	=	calcium-induced calcium release
DAG	=	diacylglycerol
DHPR	=	dehydropyridine receptor
e.g.	=	exempli gratia (for example)
E _{max}	=	maximum contraction
f.	=	foot
g.	=	gram
H ⁺	=	hydrogen ion
in.	=	inch
i.p.	=	intraperitoneal
IP ₃	=	inositol 1,4,5-triphosphate
K ⁺	=	potassium ion
K _{ATP}	=	adenosine triphosphate-sensitive K ⁺ channels
K _{Ca}	=	Ca ²⁺ -activated K ⁺ channel

LIST OF ABBREVIATIONS AND SYMBOLS (Continued)

kg	=	Kilogram
l	=	liter
M	=	molar
MB	=	methylene blue
mg	=	milligram
Mg ²⁺	=	magnesium ion
ml	=	milliliter
MLC	=	myosin light chain
MLCK	=	myosin light chain kinase
mM	=	millimolar
μM	=	micromolar
mV	=	millivolt
%	=	percent
Na ⁺	=	sodium ion
NaCl	=	sodium chloride
NO	=	nitric oxide
NOARG	=	N ^w -nitro-L-arginine
n	=	number
nM	=	nanomolar
OXY	=	oxytocin
<i>p</i>	=	<i>p</i> value
PIP ₂	=	phosphatidylinositol diphosphate
PDE	=	phosphodiesterase
PGF _{2α}	=	prostaglandin F _{2α}
PKA	=	protein kinase A
PKG	=	protein kinase G

LIST OF ABBREVIATIONS AND SYMBOLS (Continued)

PLC	=	phospholipase C
PPase	=	phosphatase
ROC	=	receptor operated Ca ²⁺ channel
RyRs	=	ryanodine receptor
S.E.M	=	standard error of the mean
SNP	=	sodium nitroprusside
SOCs	=	store-operated Ca ²⁺ channel
S.R.	=	sarcoplasmic reticulum
TEA	=	tetraethylammonium chloride
VOCs	=	voltage operated Ca ²⁺ channels