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ABBREVIATIONS

PAH	=	pulmonary arterial hypertension
mm Hg	=	millimeter of mercury
NO	=	nitric oxide
eNOS	=	nitric oxide synthase
ET-1	=	endothelin-1
PGI_2	=	prostacyclin
TXA_2	=	thromboxane A2
PDE_5	=	phosphodiesterase5
cGMP	=	guanosine 3′, 5′-cyclic monophosphate
ATP	=	adenosine tri phosphate
BK	=	bradykinin
μM	=	micromolar
Ca^{2+}	=	calcium
CNP	=	C-natriuretic peptides
ACh	=	acetylcholine
5-HT	=	5-hydroxytryptamine
CAM	=	calmodulin
PIP^2	=	Phosphatidylinositol 4,5-bisphosphate
IP^3	=	inositol 1,4,5 triphosphate
ER	=	endoplasmic reticulum
GC	=	guanylyl cyclase
GTP	=	guanosine triphosphate
PKG	=	protein kinase G
SR	=	sarcoplasmic reticulum
SERCA	=	sarcoplasmic reticulum calcium adenosine tri phosphate
PE	=	phenylephrine
GPCR	=	Gq-protein couple receptor
MLCP	=	myosin light chain phosphorylation
DAG	=	diacylglycerol

ABBREVIATIONS (CONT.)

PKC	=	protein kinase C
K^+	=	potassium
H_2S	=	hydrogen sulfide
EDHF	=	endothelium derived hyperpolarizing factor
TNF-β	=	tumor necrosis factor-beta
PGF	=	prostaglandin-F
DMSO	=	dimethyl sulfoxide