ABBREVIATIONS

AMI= Acute Myocardial Infarction
AAR= Area at risk
PCI= Percutaneous coronary intervention
I/R= Ischaemia/Reperfusion
SCI= Silent cerebral infarction
AVM= Arteriovenous malformations
DM= Diabetes mellitus
T1DM= Type 1 Diabetes mellitus
T2DM= Type 2 Diabetes mellitus
STEMI=ST-elevated myocardial infarction
non-STEMI= non-ST-elevated myocardial infarction
TLR= Toll like receptor
GDM= Gestational diabetes mellitus
ATP= Adenosine-triphosphate
ADP= Adenosine diphosphate
VDCC= Voltage dependent calcium channels
cAMP= Cyclic adenosine monophosphate
PI-3K= Phosphoinositide-3-kinase
GLUT= Glucose transporter
GABA=Gamma amino butyric acid
IRAP= Insulin-regulated aminopeptidase
AMP= Adenosine monophosphate
ROS= Reactive oxygen species
PKC= Protein kinase C
VAMP= Vesicle-associated membrane protein
NO= Nitric oxide
DIND=Delayed Ischemic Neuronal Deficit
EDRF= Endothelium derived relaxing factor
Ach= Acetylcholine
cGMP= Cyclic guanosine monophosphate
NOS= Nitric oxide synthase
L-NAME= NG-nitro-L- arginine methyl ester
SDS-PAGE= Sodiumdodecyl sulphate polyacrylamide gel electrophoresis
IFN-α=Interferon-α
HAI= High altitude illness
nNOS=Neuronal nitric oxide synthase
iNOS= Inducible nitric oxide synthase
eNOS= Endotheliam nitric oxide synthase

IANOS= Insulin activated nitric oxide synthase
CNS= Central nervous system
TGN= Trans golgi network
GANOS=Glucose Activated Nitric Oxide Synthase
sGC=Soluble guanylate cyclase
PDE=Phosphodiesterase
PKG=Protein kinase-G
ECG= Electrocardiography
NSAID= Nonsteroidal anti-inflammatory drug
CABG= Coronary artery bypass grafting
PDI=Protein di-sulfide isomerase
GAPDH= Glyceraldehyde-3-phosphate dehydrogenase
GSV= GLUT-4 storage vesicles
AIHD= Acute ischemic heart disease
DCN-2= Dermcidin isoform-2
PIF= Proteolysis-inducing factor
PLASENOS= Pluri activator stimulated endothelial NOS
HEPES= 4-(2-hydroxyethyl)-1-piperazineethanesulfonic
PVDF= Polyvinylidene difluoride
HRP= Horseradish peroxidase
DEA-NONOate=Diethylamine-NONOate
OPD= O-phenylenediamine dihydrogen chloride
ELISA= Enzyme linked immunosorbant assay
PBS= Phosphate buffer saline
AETL=Aqueous Extract of Tobacco Leaves
PMSF= Phenylmethylsulfonyl fluoride
RT-PCR= Reverse transcriptase polymerase chain reaction
ASPIRIN= Acetylsalicylic acid
SD= Standard deviation
vWF= vonWillebrand factor