

List of abbreviation

17- β HSD	17β-hydroxysteroid dehydrogenase
3-β HSD	3β-hydroxysteroid dehydrogenase
ACEI	Angiotensin converting enzyme inhibitor
ACH	Acetylcholine
ACP	Acid phosphatase
ADA	American Diabetes Association
ADEPS	The Amrita Diabetes and Endocrine Population Survey
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AGEs	Advanced Glycated End products
ALT	Alanine aminotransferase
Ang II	Angiotensin II
APTT	Activated partial thromboplastin time
AR	Aldose reductase
ARB	Angiotensin receptor blocker
ATP	The National Cholesterol Education Program Adult Treatment Panel
B.P	Blood pressure
BUN	Blood urea nitrogen
CAD	Coronary artery disease
CAT	Catalase
CK-MB	Creatine kinase
CPCSEA	Committee for the Purpose of Control and Supervision of Experiments on Animals
CTGF	Connective tissue growth factor
CUPS	The Chennai Urban Population Study
CURES	Chennai Urban Rural Epidemiology Study
D	Diabetes
DBP	Diastolic blood pressure

DCCT	Diabetes Control and Complications Trial
DM	Diabetes mellitus
DN	Diabetic nephropathy
ECM	Extracellular matrix
EL	Enicostemma littorale Blume
ESRD	End-stage renal disease
FPS	Fasting plasma sugar
GAPDH	Glyceraldehyde-3phosphate dehydrogenase
GCLC	γ -glutamylcysteine ligase
GFR	Glomerular filtration rate
Glib, G	Glibenclamide
GM	Gentamicin
GPx	Glutathione peroxidase
GSH	Reduced glutathione
HbA1c, Gly Hb	Glycosylated hemoglobin
HDL	High-density lipoprotein
HFCS	High fructose corn syrups
HR	Hazard ratio
ICMR	Indian Council Medical Research
IDDM	Insulin dependent diabetes
IFG	Impaired fasting glycemia
IGT	Impaired glucose tolerance
IMT	Intimal medial thickness
JDS	Japan Diabetes Society
LDH	Lactate dehydrogenase
LDL	Low-density lipoprotein
LPO	Lipid peroxidation
MDA	Malondialdehyde

NIDDM	Non insulin dependent diabetes
NO	Nitric oxide
NUDS	The National Urban Diabetes Survey
OGTT	Oral glucose tolerance test
OXPHOS	Oxidative phosphorylation
PAI-1	Plasminogen activator inhibitor
PARP	Poly(ADP-ribose) polymerase
PKC	Protein kinase C
PP₂PS	Postprandial plasma sugar
PPARγ	Peroxisome proliferator-activated receptor gamma
PT	Prothrombin time
PVD	Peripheral vascular disease
R	Rosiglitazone
RNI	Reactive nitrogen species
ROS	Reactive oxygen species
SBP	Systolic blood pressure
SGOT	Serum glutamic oxaloacetic transaminase
SGPT	Serum glutamic pyruvic transaminase
SOD	Super oxide dismutase
STZ	Streptozotocin
TG	Triglyceride
TGF-β	Transforming growth factor
UDP	Uridine diphosphate
UKPDS	U.K. Prospective Diabetes Study
VC	Vitamin C
VLDL	Very low-density lipoprotein
X	Nephrectomized
XD	Diabetic nephrectomized