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## DAFTAR ARTI LAMBANG DAN SINGKATAN

AGE	: <i>Glycation end products</i>
ANOVA	: <i>Analysis of variance</i>
ATP	: <i>Adenosine triphosphate</i>
AU	: <i>Arbitrary Unit</i>
bFGF	: <i>Basic fibroblast growth factor</i>
cAMP	: <i>Cyclic adenosine mono phosphate</i>
cDNA	: <i>Complementary DNA</i>
COX	: <i>Cyclooxygenase</i>
CTLDS	: <i>Multiple C-type lectin-like domains</i>
DEPC	: <i>Diethylpyrocarbonate</i>
DFU	: <i>Diabetic foot ulcer</i>
DMEM	: <i>Dulbecco Modified Eagle's Medium</i>
DM	: <i>Diabetes mellitus</i>
DNA	: <i>Deoxyribonucleic acid</i>
dNTP	: <i>Deoxyribonucleotidetriphosphate</i>
EMT	: <i>Epithelial-mesenchymal transition</i>
EPCs	: <i>Endothelial progenitor cells</i>
FBS	: <i>Fetal bovine serum</i>
FGF	: <i>Fibroblast growth factor</i>
GAPDH	: <i>Glyceraldehydes-3 phosphate dehydrogenase</i>
HPLC	: <i>High perfomance liquid chromatography</i>
IGF	: <i>Insulin-like growth factor</i>
IgG	: <i>Immunogloblin-G</i>
IL	: <i>Interleukin</i>
JNK	: <i>c- Jun N Terminal Kinase</i>
KGF	: <i>Keratinocyte growth factor</i>
mM	: <i>Milli Molar</i>
MCP-1	: <i>Macrophage chemoattractant protein-1</i>
MAPK	: <i>Mitogen-activated protein kinase</i>

MMP	: <i>Matrix metalloproteinase</i>
$\mu\text{L}$	: <i>Microliter</i> ( $10^{-6}$ liter)
$\mu\text{g}$	: <i>Microgram</i>
NA	: <i>Nicotinamide</i>
NGF	: <i>Nerve growth factor</i>
NO	: <i>Nitric oxide</i>
NOS	: <i>Nitric oxide synthase</i>
$\text{O}_2^-$	: <i>Superoxide</i>
ONOO-	: <i>Peroxynitrite</i>
PARP	: <i>Poly (ADP-ribose) polymerase</i>
PBS	: <i>Phosphate Buffer Saline</i>
PDGF	: <i>Platelet-derived growth factor</i>
PI3K	: <i>Phosphatidylinositol-3-kinase</i>
PKA	: <i>Protein kinase A</i>
PKC	: <i>Protein kinase C</i>
PLC	: <i>Phospholipase C</i>
RISKESDAS	: <i>Riset Kesehatan Dasar</i>
mRNA	: <i>Messenger-Ribonucleic acid</i>
RNS	: <i>Reactive nitrogen species</i>
ROS	: <i>Reactive oxygen species</i>
RT-PCR	: <i>Reverse Transcriptase – Polymerase Chain Reaction</i>
SDF-1 $\alpha$	: <i>Stromal cell-derived factor-1<math>\alpha</math></i>
STZ	: <i>Streptozotocin</i>
TGF- $\beta$ 1	: <i>Transforming growth factor-<math>\beta</math>1</i>
TIMP	: <i>Tissue inhibitor of metalloprotease</i>
TNF- $\alpha$	: <i>Tumor necrosis factor-<math>\alpha</math></i>
UPTD	: <i>Unit Pelaksana Teknis Daerah</i>
VEGF	: <i>Vascular endothelial growth factor</i>
VEGFR	: <i>Vascular endothelial growth factor receptor</i>

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