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LIST OF ABBREVIATION

Ang II	: Angiotensin II
ANOVA	: Analysis of Variance
CDKi	: Cyclin-dependent kinase inhibitor protein
CDK	: Cyclin-dependent kinase
CKD	: Chronic Kidney Disease
CTGF	: Connective tissue growth factor
DDR	: DNA defense reaction
GFR	: Glomerular filtration rate
IL-1	: Interleukin 1
KDIGO	: Kidney Disease Improving Global Outcomes
MMP	: Mettalo-Matrix Proteinase
NEMO	: NF-kappa-B essential modulator
NF- κ B	: Nuclear factor κ -light-chain-enhancer of activated B cells
PBS	: Phosphate-buffered saline
PCR	: Polymerase chain reaction
PERNEFRI	: <i>Perkumpulan Nefrologi Indonesia</i>
pRB	: Retinoblastoma Protein
RAS	: Renin Angiotensin System
RNA	: Ribonucleic Acid
ROS	: Reactive oxygen species
RT-PCR	: Reverse-transcriptase Polymerase chain reaction
SASP	: Senesence associated secreted phenotype
SIPS	: Stress induced premature senescence
TNF α	: Tumor necrosis factor α
UGM	: Universitas Gadjah Mada
UUO	: Unilateral ureter obstruction
TGF- β .	: Tumor growth factor-beta
mRNA	: Messenger ribonucleic acid
ECM	: Extracellular matrix
WHO	: World Health Organization
α -SMA	: Alpha-smooth muscle actin