DAFTAR ISI

DAFTAR GAMBAR

DAFTAR TABEL

DAFTAR LAMPIRAN

DAFTAR SINGKATAN

α-GST	: *α-glutathione-S-transferase*
γ-GT	: *γ-glutamyl transpeptidase*
AAP	: *Alanine aminopeptidase*
AEC	: *Alveolar epithelial cells*
AP	: *Alkaline phosphatase*
ACE	: *Angiotensin-converting enzyme*
AKIN	: *Acute Kidney Injury Network*
ANCA	: *Anti-neutrophil cytoplasmic antibody*
ADMSC	: *Adipose-derived mesenchymal stem cell*
AKI	: *Acute Kidney Injury*
ATP	: *Adenosine 5'-Triphosphate*
BB	: Berat badan
BDNF	: *Brain-derived neurotrophic factor*
bFGF	: *Basic fibroblast growth factor*
BMSC-CM	: *Bone marrow-derived mesenchymal stem cells-conditioned medium*
BUN	: *Blood Urea Nitrogen*
cc	: *Cubic centimeter* (1 cc = 0,001 liter)
CKD	: *Chronic Kidney Disease*
CYR-61	: *Cysteine-rich protein*
DAB	: 3,3'-*Diaminobenzidine*
DAMP	: *Danger-associated molecular pattern*
DNA	: *Deoxyribonucleic acid*
EBV	: *Ebstein Barr Virus*
ELISA	: *Enzyme-linked immunosorbent assay*
EGF	: *Epidermal Growth Factor*
ESRF	: *End Stage Renal Failure*
ET-1	: *Endothelin*-1
EV	: *Extracelluler vesicle*
FABP	: *Fatty acid binding protein*
FENa	: *Fractional excretion of sodium*
FGF-2	: *Fibroblast Growth Factor*-2
FK	: Fakultas Kedokteran
FKH	: Fakultas Kedokteran Hewan
GBM	: *Glomerular Basement Membrane*
GFR	: *Glomerular filtration rate* (laju filtrasi glomerulus)
GN	: Glomerolunefritis
HEGF	: *Human Epidermal Growth Factor*
HGF	: *Hepatocyte growth factor*
HGMB-1	: *High mobility group box protein* 1
HIF	: *Hypoxia-inducible factor*
HS	: *Heparan sulphate*
HUC-MSCs	: *Human umbilical cord – mesenchymal stem cells*
HUCB-MSCs	: *Human umbilical cord blood-derived mesenchymal stem cells*
ICAM-1	: *Intercellular Adhesion Molecule* 1
ICU	: *Intensive care unit*
IGF-I	: *Insulin-like growth factor*-1

IHC : *Immunohistochemistry*
IL-6 : *Interleukin*-6
ip : *Intraperitoneal*
I/R : Iskemik / Reperfusi
IRI : *Ischemic Reperfusion Injury*
JNK : *c-Jun N-terminal kinases*
KGF : *Keratinocyte growth factor*
LIF : *Leukemia Inhibitory Factor*
LPPT : Laboratorium Penelitian dan Pengujian Terpadu
LSD : *Least Significance Different* (beda nyata terkecil)
MCP-1 : *Monocyte Chemotactic Protein*-1
mg : *Miligram*
MSH : *Melanocyte–stimulating hormone*
MT-SPM : Media terkondisi sel punca mesenkim
MSCs : *Mesenchymal stem cells*
NCAM : *Neural cell adhesion molecule*
NF-kB : *Nuclear factor kappa-light-chain-enhancer of activated B cells*
NGAL : *Neutrophil Gelatinase Associated Lipocalin*
NSAIDs : *Non-steroidal Anti-inflammataory Drugs*
OPN : *Osteopontin*
PARP : *Poly ADP-ribose polymerase*
PAS : *Periodic Acid Schiff*
PBS : *Phosphate-buffered saline*
PCNA : *Proliferating Cell Nuclear Antigen*
PDGF : *Platelet-derived growth factor*
pH : *Potential of Hydrogen* (kadar keasaman)
PlGF : *Placental growth factor*
RBP : *Retinol Binding Protein*
RIFLE : ***R****isk,* ***I****njury,* ***F****ailure,* ***L****oss, and* ***E****nd-stage renal failure*
RNA : *Ribonucleic acid*
ROS : *Reactive oxygen species*
RRT : *Renal Replacement Therapy*
SAEC : *Small airway epithelial cells*
SDGs : *Sustainable development goals*
SO : *Sham Operation*
SPM : Sel Punca Mesenkim
STCs : *Scattered tubular cells*
TGF-β : *Transforming Growth Factor-beta*
TLR : *Toll like receptor*
UGM : Universitas Gadjah Mada
UPHP : Unit Pelayanan Hewan Percobaan
USG : Ultrasonografi
VCAM-1 : *Vascular Cell Adhesion Molecule* 1
VCD : 4-*Vinyl cyclohexene diepoxide*
VEGF-A : *Vascular Endothelial Growth Factor*-A
WBC : *White blood cell*