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STUDY OF SOME TUBULAR ENZYMURIA FOR EARLY DETECTION OF ACUTE RENAL FAILURE IN INTENSIVE CARE UNIT PATIANTS

Thesis

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List of Abbreviations

AA	Amino acid
AAP	Alanine aminopeptidase
ADP	Adenosine 5 diphosphate
AG	Aminoglycoside
ALP	Alkaline phosphatase
AMP	Adenosine 5 monophosphate
ANCA	Anti-nuclear cytoplasmic antibody
AP II	(APACHE II score): acute physiology and chronic health evaluation II system
ARBs	Angiotensin-Receptor blockers
ARE	Acute rejection episode
ARF	Acute renal failure
ASS	Arylsuphatase
ATN	Acute tubular necrosis
ATP	Adenosine 5 Tri-phosphate
AII	Angiotensin II
BMSCs	Bone-marrow stem cells
Ch. dis	Chronic disease
CT	Computerized tomography
CVVH	Continuous veno-venous hemofiltration
DIC	Disseminated intravascular coagulation
EGF	Epidermal growth factor
eNOS	Endothelial nitric oxide species
ERK	Extracellular signal regulated kinase
GFR	Glomerular filtration Rate
GMT	Gamma-glutamyltransferase
GN	Glomerulonephritis
HIV	Human Immunodeficiency virus
HSPs	Heat-shock proteins
HUS	Haemolytic uraemic syndrome
ICAM-1	Interstitial Cell-adhesion molecule
ICU	Intensive care unit
IGF	Insulin like growth factor
IHD	Intermittent hemodialysis
IL-1	Interleukin-1
INR	International normalized ratio
KIM-1	Kidney – Injury molecule
LDH	Lactate dehydrogenase
MAP	Mitogen activated protein
NAD	Nicotinamide adenine dinucleotide
NAG	N-acetyl- β -D-glucosaminidase
NO	Nitric Oxide
NSAIDs	Non-steroidal Anti-inflammatory drugs

OFS	Organ systems failure
PAF	Platelet activating factor
PD	Peritoneal dialysis
PGE₂	Prostaglandin E ₂
PN	Pyelonephritis
PTT	Partial thromboplastin time
RBCs	Red blood cells
RBF	Renal blood flow
RGD	Arginine- glycine – nitric acid
ROS	Reactive oxygen species
Scr.	Serum Creatinine
SIRS	Systemic inflammatory response syndrome
SLE	Systemic lupus Erythmatosis
TGF	Tubulo-glomerular feed back
TNF-α	Tumor necrosis factor
TTP	Thrombocytopenic purpura
U/P	Urine/Plasma ratio
WBCs	White blood cells
ΔP	Net hydrolic driving force

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Introduction