



Study of Podocyturia as a marker of Lupus Nephritis Activity

Thesis

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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

قالوا

لَسْبَحَانَكَ لَا مَعْلَمَ لَنَا
إِلَّا مَا عَلَّمْتَنَا إِنَّكَ أَنْتَ
الْعَلِيمُ الْعَظِيمُ

صدق الله العظيم

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List of Abbreviations

Abbrev.	Meaning
Abs	Antibodies
ACE	Angiotensin Converting Enzyme
ACR	American college of Rheumatology
ADAMT S13	A disintegrin and metalloproteinase with a thrombospondin type 1 motif, member 13)
AGT	Angiotensinogen
AKI	Acute kidney injury
ALT	Alanine Aminotransferase
ANA	Antinuclear antibodies
ANOVA	Analysis of variance
anti-C1q	Antibodies against complement fraction 1q
anti-dsDNA	Anti double stranded deoxyribonucleic acid
apo	apolipoprotien
ARBS	angiotensin receptor blockers
AST	Aspartate aminotransferase
AUC	area under the curve
AZA	Azathioprine

BICLA	BILAG-Based Composite Lupus Assessment
BILAG	British Isles Lupus Assessment Group
BUN	Blood Urea Nitrogen
BXSB	Experimental mouse strain
CCR2	chemokine receptor type 2
CCR5	chemokine receptor type 5
CD	Cluster of differentiation
CI	Confidence interval
CKD	Chronic kidney disease
CNI	Calcineurin inhibitors
CNV	Copy number variation
CRP	C reactive protien
BLyS	anti-B-lymphocyte stimulator
CTL	cytotoxic T lymphocytes
CXCL16	Chemokine (C-X-C motif) ligand 16
CXCR3	Gαi protein-coupled receptor in the CXC chemokine receptor family.
DC	Dendritic cell
CLASI	Cutaneous Lupus Erythematosus Disease Area and Severity Index

EDTA	ethylenediaminetetraacetic acid
CKD-EPI	Chronic Kidney Disease Epidemiology Collaboration equation.
ECLAM	European community lupus activity measure
FSGN	Focal segmental glomerulonephritis
GWAS	Genome-wide associations studies
DNA	deoxyribonucleic acid
ELISA	enzyme-linked immunosorbent assay
EM	electron microscopy OR electron microphotograph
GBM	Glomerular basement membrane
GLEPP1	Glomerular epithelial protein 1
SLAM-R	Systemic lupus activity measure-Revised
ESR	erythrocyte sedimentation rate
ESRD	end stage renal disease
EULAR	European League Against Rheumatism
FAS	Type 2 transmembrane protein
FCGR3A	FC γ receptor III-A
FCGR3B	FC γ receptor III-B
FcγR	Fragment crystallizable gamma receptor

List of Abbreviations

FOXP3	forkhead box P3 (FOXP3) protein.
FSGS	Focal segmental glomerulosclerosis
GFR	glomerular filtration rate
GN	Glomerulonephritis
H2A	Histone protein

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