

Study of the Urinary Type IV Collagen In Nephrotic Children

THESIS SUBMITTED FOR THE PARTIAL FULFILLMENT OF
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قال العماد الاصبهاني :

(إني رأيت أنه لا يكتب أحد كتابا - في يوم - إلا قال - في غده - : لو غير هذا كان أحسن ، ولو زيد هذا كان يستحسن ، ولو قدم هذا كان أفضل ، ولو ترك هذا كان أجمل ، وهذا من أعظم العبر ، وهو دليل على استيلاء النقص على جملة البشر) .

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List of Abbreviations

ACE	Angiotensin-Converting Enzyme
AIDS	Acquired Immune Deficiency Syndrome
ANOVA	Analysis of Variance
bFGF	basic Fibroblast Growth Factor
Col./Cr.	Collagen/ Creatinine
CGN	Crescentic Glomerulo-Nephritis
DMP	Diffuse Mesangial Proliferation
DN	Diabetic Nephropathy
ECM	Extra-Cellular Matrix
EGF	Endothelial Growth Factor
EIA	Enzyme Immuno Assay
FSGS	Focal Segmental Glomerulo-Sclerosis
GBM	Glomerular Basement Membrane
HPG	Heparin-sulfate Proteo-Glycan
HRP	Horseradish peroxidase
IL-1	Interleukin- 1
IL-6	Interleukin- 6
IL-8	Interleukin- 8
INS	Idiopathic Nephrotic Syndrome
ISKD	International Study of Kidney Disease in Children
IUGR	Intra-Uterine Growth Retardation
MCGN	Minimal Change Glomerulo-Nephritis
MMPs	Matrix Metallo-Proteinases
MN	Membranous Nephropathy
MPGN	Membrano-Proliferative Glomerulo-Nephritis

NIDDM	<i>Non-Insulin Dependent Diabetes Mellitus</i>
NSAID	<i>Non-Steroidal Anti-Inflammatory Drug</i>
PDGF	<i>Platelet Derived Growth Factor</i>
RPGN	<i>Rapidly Progressive Glomerulo-Nephritis</i>
SLE	<i>Systemic Lupus Erythematosus</i>
TGF-β	<i>Transforming Growth Factor- beta</i>
TIMP	<i>Tissue Inhibitors of Metallo-Proteins</i>
TNF-α	<i>Tumor Necrosis Factor-alpha</i>
uIVC	<i>urinary type IV Collagen</i>
5-HT	<i>5- Hydroxy Tryptamine (Serotonine)</i>

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