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### CD44, TLR4, TREM-1/DAP12 in renal injury, inflammation and fibrosis

Rampanelli, E.

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## List of Abbreviations

AKI	acute kidney injury
Akt	protein kinase B (PKB)
AP-1	activator protein 1
bFGF/FGF-2	basic fibroblast growth factor
CARS	compensatory anti-inflammatory syndrome
BMP-7	bone morphogenetic protein 7
CARS	compensatory anti-inflammatory response syndrome
CD44s	CD44 standard
CD44v3-v10/CD44v3	CD44 variant 3-to-10
CKD	chronic kidney disease
CTGF	connective tissue growth factor
DAMP	danger-associated molecular patterns
DAP12	DNAX-activation protein 12
DC	dendritic cells
ERK	extracellular signal-regulated kinases
ERM	ezrin, radixin and moesin
ESRD	end-stage renal disease
FSP-1	fibroblast-specific protein 1
GAG	glycosaminoglycans
GFR	glomerular filtration rate
$\gamma$ -GT	$\gamma$ -glutamyl transferase
HA	hyaluronic acid/hyaluronan
HGF	hepatocyte growth factor
HMGB-1	high-mobility group protein B1
HO-1	heme oxygenase 1
HS	heparan sulfates
HSP	heat shock proteins
ICAM-1	intercellular adhesion molecule 1
IFN	interferon
I $\kappa$ B	Inhibitor of NF- $\kappa$ B
IL	interleukin
iNOS	inducible nitric oxide synthase
IRF3	interferon regulatory transcription factor 3
KC	keratinocyte-derived chemokine
KI	knock-in
KIM-1	kidney injury molecule 1
KO	knock-out
LPS	lipopolysaccharide
MAPK	mitogen-activated protein kinases

MCP-1	monocyte chemoattractant protein 1
MEF	mouse embryonic fibroblasts
MIF	macrophage migration inhibitory factor
MIP-1 $\alpha$	macrophage inflammatory protein 1 $\alpha$
MMP	matrix metalloproteinases
MyD88	myeloid differentiation primary response 88
NGAL	neutrophil gelatinase-associated lipocalin
NF- $\kappa$ B cells	nuclear factor kappa-light-chain-enhancer of activated B cells
NLRP-3	nucleotide-binding domain, leucine-rich family, pyrin domain containing 3 inflammasome
NO	nitric oxide
OPN	osteopontin
PDGF	platelet-derived growth factor
PI3K	phosphatidylinositol 3-kinase
RANTES	regulated on activation, normal T cell expressed and secreted\
s	soluble
SIRS	systemic inflammatory response syndrome
$\alpha$ -SMA	$\alpha$ -smooth muscle actin
TEC	tubular epithelial cells
TGF- $\beta$	transforming growth factor $\beta$
TLR	Toll-like receptor
TNF- $\alpha$	tumor necrosis factor $\alpha$
TREM-1	triggering receptor expressed on myeloid cells 1
Trif	Toll/IL-1 receptor (TIR) domain-containing adaptor inducing IFN
UTR	untranslated region
UUO	unilateral ureteral obstruction
VCAM-1	vascular cell adhesion molecule 1