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

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## Publications

TLR4 promotes fibrosis but attenuates tubular damage in progressive renal injury. Pulskens WP, Rampanelli E, Teske GJ, Butter LM, Claessen N, Luirink IK, van der Poll T, Florquin S, Leemans JC. *J Am Soc Nephrol*, 2010 Aug;21(8):1299-308.

CD44v3-v10 reduces the pro-fibrotic effects of TGF- $\beta$ 1 and attenuates tubular injury in the early stage of chronic obstructive nephropathy. Rampanelli E, Rouschop K, Teske GJ, Claessen N, Leemans JC, Florquin S. *Am J Physiol Renal Physiol*, 2013 Nov 15;305(10):F1445-54.

Role of TREM1-DAP12 in renal inflammation during obstructive nephropathy. Tammaro A\*, Stroo I\*, Rampanelli E, Blank F, Butter LM, Claessen N, Takai T, Colonna M, Leemans JC, Florquin S, Dessing MC. *PLoS One*, 2013 Dec 16;8(12):e82498. (\*contributed equally)

CD44-deficiency attenuates the immunologic responses to LPS and delays the onset of endotoxic shock-induced renal inflammation and dysfunction. Rampanelli E, Dessing MC, Claessen N, Teske GJ, Joosten SP, Pals ST, Leemans JC, Florquin S. *PLoS One*, 2013 Dec 23;8(12):e84479.

Opposite role of CD44-standard and CD44-variant-3 in tubular injury and development of renal fibrosis during chronic obstructive nephropathy. Rampanelli E, Rouschop K, Claessen N, Teske GJ, Pals ST, Leemans JC, Florquin S. *Kidney International*, 2014 Feb 6.