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Fibrogenesis in progressive renal disease

Baelde, J.J.

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List of publications

1. **Baelde HJ**, Bergijk EC, Bruijn JA: Isolation and characterization of mouse glomerular basement membrane. *J Clin Lab Immunol* 33:17-20, 1990
2. Bruijn JA, van Leer EH, **Baelde HJ**, Corver WE, Hogendoorn PC, Fleuren GJ: Characterization and in vivo transfer of nephritogenic autoantibodies directed against dipeptidyl peptidase IV and laminin in experimental lupus nephritis. *Lab Invest* 63:350-359, 1990
3. Bergijk EC, Munaut C, **Baelde JJ**, Prins F, Foidart JM, Hoedemaeker PJ, Bruijn JA: A histologic study of the extracellular matrix during the development of glomerulosclerosis in murine chronic graft-versus-host disease. *Am J Pathol* 140:1147-1156, 1992
4. Munaut C, Bergijk EC, **Baelde JJ**, Noel A, Foidart JM, Bruijn JA: A molecular biologic study of extracellular matrix components during the development of glomerulosclerosis in murine chronic graft-versus-host disease. *Lab Invest* 67:580-587, 1992
5. Treurniet RA, Bergijk EC, **Baelde JJ**, de Heer E, Hoedemaeker PJ, Bruijn JA: Gender-related influences on the development of chronic graft-versus-host disease-induced experimental lupus nephritis. *Clin Exp Immunol* 91:442-448, 1993
6. **Baelde JJ**, Bergijk EC, Hoedemaeker PJ, de Heer E, Bruijn JA: Optimal method for RNA extraction from mouse glomeruli. *Nephrol Dial Transplant* 9:304-308, 1994
7. Bergijk EC, **Baelde HJ**, de Heer E, Bruijn JA: Prevention of glomerulosclerosis by early cyclosporine treatment of experimental lupus nephritis. *Kidney Int* 46:1663-1673, 1994
8. Bergijk EC, **Baelde HJ**, de Heer E, Killen PD, Bruijn JA: Specific accumulation of exogenous fibronectin in experimental glomerulosclerosis. *J Pathol* 176:191-199, 1995
9. Vleming LJ, **Baelde JJ**, Westendorp RG, Daha MR, van Es LA, Bruijn JA: Progression of chronic renal disease in humans is associated with the deposition of basement membrane components and decorin in the interstitial extracellular matrix. *Clin Nephrol* 44:211-219, 1995
10. Bergijk EC, **Baelde HJ**, de Heer E, Killen PD, Bruijn JA: Role of the extracellular matrix in the development of glomerulosclerosis in experimental chronic serum sickness. *Exp Nephrol* 3:338-347, 1995
11. Bergijk EC, **Baelde HJ**, Kootstra CJ, de Heer E, Killen PD, Bruijn JA: Cloning of the mouse fibronectin V-region and variation of its splicing pattern in experimental immune complex glomerulonephritis. *J Pathol* 178:462-468, 1996

12. Peters DJ, Spruit L, Klingel R, Prins F, **Baelde HJ**, Giordano PC, Bernini LF, de Heer E, Breuning MH, Bruijn JA: Adult, fetal, and polycystic kidney expression of polycystin, the polycystic kidney disease-1 gene product. *Lab Invest* 75:221-230, 1996
13. Kootstra JC, Veninga A, **Baelde JJ**, van Eendenburg J, de Heer E, Bruijn JA: Characterization of reactivity of monoclonal autoantibodies with renal antigens in experimental lupus nephritis. *J Clin Lab Immunol* 48:201-218, 1996
14. Vleming LJ, **Baelde JJ**, Westendorp RG, Daha MR, van Es LA, Bruijn JA: The glomerular deposition of PAS positive material correlates with renal function in human kidney diseases. *Clin Nephrol* 47:158-167, 1997
15. Van Griensven M, Bergijk EC, **Baelde JJ**, de Heer E, Bruijn JA: Differential effects of sex hormones on autoantibody production and proteinuria in chronic graft-versus-host disease-induced experimental lupus nephritis. *Clin Exp Immunol* 107:254-260, 1997
16. Kootstra CJ, Suttmuller M, **Baelde HJ**, de Heer E, Bruijn JA: Association between leukocyte infiltration and development of glomerulosclerosis in experimental lupus nephritis. *J Pathol* 184:219-225, 1998
17. Bergijk EC, van Alderwegen IE, **Baelde HJ**, de Heer E, Funabiki K, Miyai H, Killen PD, Kalluri RK, Bruijn JA: Differential expression of collagen IV isoforms in experimental glomerulosclerosis. *J Pathol* 184:307-315, 1998
18. Suttmuller M, **Baelde HJ**, Tysma OM, de Heer E, Bruijn JA: Experimental glomerulonephritis is attenuated by CD8+ T cell chimerism and prevented by Mls-1-incompatible thymocytes. *Clin Immunol Immunopathol* 88:114-122, 1998
19. Suttmuller M, **Baelde HJ**, Ouellette S, de Heer E, Bruijn JA: T-cell receptor Vbeta gene expression in experimental lupus nephritis. *Immunology* 95:18-25, 1998
20. Suttmuller M, **Baelde JJ**, Madaio MP, Bruijn JA, de Heer E: Idiotype usage by polyclonally activated B cells in experimental autoimmunity and infection. *Clin Exp Immunol* 115:275-280, 1999
21. Kruidering M, van de WB, Zhan Y, **Baelde JJ**, Heer E, Mulder GJ, Stevens JL, Nagelkerke JF: Cisplatin effects on F-actin and matrix proteins precede renal tubular cell detachment and apoptosis in vitro. *Cell Death Differ* 5:601-614, 1998
22. Natte R, de Boer WI, Maat-Schieman ML, **Baelde HJ**, Vinters HV, Roos RA, van Duinen SG: Amyloid beta precursor protein-mRNA is expressed throughout cerebral vessel walls. *Brain Res* 828:179-183, 1999
23. Ussing AP, **Baelde HJ**, Olesen LS, Naeser P, Prause JU, Bruijn JA: Haematopathology of 'Sjogren-mice': histopathological changes in spleens after semiallogeneic cell transfer.

Scand J Immunol 49:641-648, 1999

24. van Vliet AI, van Alderwegen IE, **Baelde HJ**, de Heer E, Killen PD, Kalluri RK, Bruijn JA, Bergijk EC: Differential expression of collagen type IV alpha-chains in the tubulointerstitial compartment in experimental chronic serum sickness nephritis. *J Pathol* 189:279-287, 1999
25. Eikmans M, **Baelde HJ**, de Heer E, Bruijn JA: Processing renal biopsies for diagnostic mRNA quantification: improvement of RNA extraction and storage conditions. *J Am Soc Nephrol* 11:868-873, 2000
26. Van Vliet A, **Baelde HJ**, Vleming LJ, de Heer E, Bruijn JA: Distribution of fibronectin isoforms in human renal disease. *J Pathol* 193:256-262, 2001
27. Langezaal SM, Graadt van Roggen JF, Cleton-Jansen AM, **Baelde JJ**, Hogendoorn PC: Malignant melanoma is genetically distinct from clear cell sarcoma of tendons and aponeurosis (malignant melanoma of soft parts). *Br J Cancer* 84:535-538, 2001
28. Eikmans M, **Baelde HJ**, de Heer E, Bruijn JA: Effect of age and biopsy site on extracellular matrix mRNA and protein levels in human kidney biopsies. *Kidney Int* 60:974-981, 2001
29. **Baelde HJ**, Cleton-Jansen AM, van Beerendonk H, Namba M, Bovee JV, Hogendoorn PC: High quality RNA isolation from tumours with low cellularity and high extracellular matrix component for cDNA microarrays: application to chondrosarcoma. *J Clin Pathol* 54:778-782, 2001
30. Hazelbag S, Fleuren GJ, **Baelde JJ**, Schuurin E, Kenter GG, Gorter A: Cytokine profile of cervical cancer cells. *Gynecol Oncol* 83:235-243, 2001
31. van Vliet AI, van Alderwegen IE, **Baelde HJ**, de Heer E, Bruijn JA: Fibronectin accumulation in glomerulosclerotic lesions: self-assembly sites and the heparin II binding domain. *Kidney Int* 61:481-489, 2002
32. Eikmans M, Sijpkens YW, **Baelde HJ**, de Heer E, Paul LC, Bruijn JA: High transforming growth factor-beta and extracellular matrix mRNA response in renal allografts during early acute rejection is associated with absence of chronic rejection. *Transplantation* 73:573-579, 2002
33. Eikmans M, **Baelde HJ**, de Heer E, Bruijn JA: RNA expression profiling as prognostic tool in renal patients: toward nephrogenomics. *Kidney Int* 62:1125-1135, 2002
34. Xu W, **Baelde HJ**, Lagaij EL, de Heer E, Paul LC, Bruijn JA: Endothelial cell chimerism after renal transplantation in a rat model. *Transplantation* 74:1316-1320, 2002
35. Eikmans M, **Baelde HJ**, Hagen EC, Paul LC, Eilers PH, de Heer E, Bruijn JA: Renal mRNA levels as prognostic tools in kidney diseases. *J Am Soc Nephrol* 14:899-907, 2003

36. Eikmans M, **Baelde JJ**, de Heer E, Bruijn JA: ECM homeostasis in renal diseases: a genomic approach. *J Pathol* 200:526-536, 2003
37. Koop K, Eikmans M, **Baelde HJ**, Kawachi H, de Heer E, Paul LC, Bruijn JA: Expression of podocyte-associated molecules in acquired human kidney diseases. *J Am Soc Nephrol* 14:2063-2071, 2003
38. Kapojos JJ, Poelstra K, Borghuis T, Van Den BA, **Baelde HJ**, Klok PA, Bakker WW: Induction of glomerular alkaline phosphatase after challenge with lipopolysaccharide. *Int J Exp Pathol* 84:135-144, 2003
39. Leussink BT, **Baelde HJ**, Broekhuizen-van den Berg TM, de Heer E, van der Voet GB, Slikkerveer A, Bruijn JA, de Wolff FA: Renal epithelial gene expression profile and bismuth-induced resistance against cisplatin nephrotoxicity. *Hum Exp Toxicol* 22:535-540, 2003
40. Roos-van Groningen MC, Eikmans M, **Baelde HJ**, de Heer E, Bruijn JA: Improvement of extraction and processing of RNA from renal biopsies. *Kidney Int* 65:97-105, 2004
41. **Baelde HJ**, Eikmans M, Doran PP, Lappin DW, de Heer E, Bruijn JA: Gene expression profiling in glomeruli from human kidneys with diabetic nephropathy. *Am J Kidney Dis* 43:636-650, 2004
42. **Baelde HJ**, Eikmans M, van Vliet AI, Bergijk EC, de Heer E, Bruijn JA: Alternatively spliced isoforms of fibronectin in immune-mediated glomerulosclerosis: the role of TGFbeta and IL-4. *J Pathol* 204:248-257, 2004
43. Hutloff A, Buchner K, Reiter K, **Baelde HJ**, Odendahl M, Jacobi A, Dorner T, Kroczeck RA: Involvement of inducible costimulator in the exaggerated memory B cell and plasma cell generation in systemic lupus erythematosus. *Arthritis Rheum* 50:3211-3220, 2004
44. Eikmans M, Ijpelaar DH, **Baelde HJ**, de Heer E, Bruijn JA: The use of extracellular matrix probes and extracellular matrix-related probes for assessing diagnosis and prognosis in renal diseases. *Curr Opin Nephrol Hypertens* 13:641-647, 2004
45. Koop K, Bakker RC, Eikmans M, **Baelde HJ**, de Heer E, Paul LC, Bruijn JA: Differentiation between chronic rejection and chronic cyclosporine toxicity by analysis of renal cortical mRNA. *Kidney Int* 66:2038-2046, 2004
46. Lantinga-van Leeuwen IS, Dauwerse JG, **Baelde HJ**, Leonhard WN, van de WA, Ward CJ, Verbeek S, Deruiter MC, Breuning MH, de Heer E, Peters DJ: Lowering of Pkd1 expression is sufficient to cause polycystic kidney disease. *Hum Mol Genet* 13:3069-3077, 2004
47. Lantinga-van Leeuwen IS, Leonhard WN, Dauwerse H, **Baelde HJ**, van Oost BA, Breuning MH, Peters DJ: Common regulatory elements in the polycystic kidney disease 1 and 2 promoter regions. *Eur J Hum Genet* 13:649-659, 2005

48. Koopmans M, Hovinga IC, **Baelde HJ**, Fernandes RJ, de Heer E, Bruijn JA, Bajema IM: Chimerism in kidneys, livers and hearts of normal women: implications for transplantation studies. *Am J Transplant* 5:1495-1502, 2005
49. van Poelgeest EP, **Baelde HJ**, Lagaaij EL, Sijpkens YWJ, de Heer E, Bruijn JA, Bajema IM: Endothelial cell chimerism occurs more often and earlier in female than in male recipients of kidney transplants. *Kidney International* 68:847-853, 2005
50. Janssen B, Hohenadel D, Brinkkoetter P, Peters V, Rind N, Fischer C, Rychlik I, Cerna M, Romzova M, de Heer E, **Baelde HJ**, Bakker SJL, Zirie M, Rondeau E, Mathieson P, Saleem MA, Meyer J, Koppel H, Sauerhoefer S, Bartram CR, Nawroth P, Hammes HP, Yard BA, Zschocke J, van der Woude FJ: Carnosine as a Protective Factor in Diabetic Nephropathy: Association With a Leucine Repeat of the Carnosinase Gene CNDP1. *Diabetes* 54:2320-2327, 2005
51. Eikmans M, **Baelde HJ**, de Heer E, Bruijn JA: Messenger RNA assessment in clinical nephrology: perspectives and progress of methodology. *Nephrol Dial Transplant*, in press
52. Eikmans M, Roos-van Groningen MC, Sijpkens YWJ, Ehrchen J, Roth J, **Baelde HJ**, Bajema IM, de Fijter JW, de Heer E, Bruijn JA: Expression of surfactant protein-C, S100A8, S100A9, and B cell markers in renal allografts: investigation of the prognostic value. *J Am Soc Nephrol*, in press