

ANCA und Autoimmun-Diagnostik
ausgewählte Publikationen von
Elena Csernok und Bernhard Hellmich

1. Hellmich B. Aktuelle Therapiestrategien bei ANCA-assoziierten Vaskulitiden. *Z Rheumatol* 2015; 74:388-394.
 2. Csernok E. The spectrum of autoantibodies found in systemic vasculitis. *Nephron*, 2015; 129 (2): 11-13
 3. Sowa M, Grossmann K, Knütter I, Hiemann R, Röber N, Anderer U, Csernok E, Bogdanos DP, Borghi MO, Meroni PL, Schierack P, Reinhold D, Conrad K, Roggenbuck D. Simultaneous automated screening and confirmatory testing for vasculitis-specific ANCA. *PLoS One*. 2014; 9:e107743.
 4. Prüßmann J, Prüßmann W, Recke A, Rentzsch K, Juhl D, Henschler R, Müller S, Lamprecht P, Schmidt E, Csernok E, Görg S, Stöcker W, Zillikens D, Ibrahim SM, Ludwig RJ. Co-occurrence of autoantibodies in healthy blood donors. *Exp Dermatol*. 2014 Jul;23(7):519-21.
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1. Csernok E, Moosig F. Current and emerging techniques for ANCA detection in vasculitis. *Nat Rev Rheumatol*. 2014; 10:494-501.
 2. Mierau R, Csernok E. Labordiagnostik bei Kollagenosen und Vaskulitiden. *Akt Rheumatol*. 2014; 39:49-57
 3. Moosig F, Csernok E. ANCA: Gesichertes und offene Fragen. *J Lab Med* 2013; 37(4): 181–185
 4. Knütter I, Hiemann R, Brumma T, Büttner T, Großmann K, Cusini M, Pregnolato F, Borghi MO, Anderer U, Conrad K, Reinhold D, Roggenbuck D, Csernok E. Automated interpretation of ANCA patterns - a new approach in the serology of ANCA-associated vasculitis. *Arthritis Res Ther*. 2012; 14(6):R271.
 5. Holle J U, Hermann K, Gross W L, Csernok, E. Comparative analysis of different commercial ELISA systems for detection of anti-neutrophil cytoplasm antibodies in ANCA-associated vasculitides. *Clin. Exp. Rheumatol*. 2012; 30 (Suppl. 70), S66–S69.

6. Mukhtyar C, Guillevin L, Cid MC, Dasgupta B, de Groot K, Gross W, Hauser T, Hellmich B, Jayne D, Kallenberg CG, Merkel PA, Raspe H, Salvarani C, Scott DG, Stegeman C, Watts R, Westman K, Witter J, Yazici H, Luqmani R.. (2009) EULAR recommendations for the management of primary small and medium vessel vasculitis. *Ann Rheum Dis* 68:310-317
7. Holle JU, Csernok E, Fredenhagen G, Backes M, Bremer JP, Gross WL. Clinical evaluation of hsPR3-ANCA ELISA for detection of Anti-Neutrophil Cytoplasmic Antibodies (ANCA) directed against proteinase 3 (PR3): hsPR3-ANCA ELISA is superior to IFT. *Ann Rheum Dis.* 2009; 19:210
8. Hellmich B, Csernok E, Fredenhagen G, Gross WL. A novel high sensitivity ELISA for detection of antineutrophil cytoplasm antibodies against proteinase-3. *Clin Exp Rheumatol* 2007; 25 (44):1-5
9. Csernok E, Ai M, Gross WL, Wicklein D, Petersen A, Lindner B, Lamprecht P, Holle JU, Hellmich B. Wegener's autoantigen induces maturation of dendritic cells and licenses them for th1 priming via the protease-activated receptor-2 pathway. *Blood* 2006;107:4440-4448.
10. Holle JU, Hellmich B, Backes M, Gross WL, Csernok E. Variations in performance characteristics of commercial enzyme immunoassay kits for the detection of antineutrophil cytoplasmic antibodies: What is the optimal cut-off? *Ann Rheum Dis.* 2005, 64(12):1773-9.
11. Hellmich B, Ciaglio A, Schatz H, Coakley G. Autoantibodies against granulocyte-macrophage colony-stimulating factor and interleukin-3 are rare in patients with Felty's syndrome. *Ann Rheum Dis* 2004;63:862-866.
12. Csernok E., Lamprecht P., Gross WL. Diagnostik significance of ANCA in vasculitis. *Nat Clin Pract Rheumatol*, 2006; 2 (4); 174-5
13. Schultz H, Csernok E, Herlyn K, Reichel PH, Moosig F, Cornely OA, Fagerhol MK, Gross WL. ANCA against bactericidal/permeability-increasing protein, azurocidin, calprotectin and defensins in rheumatic and infectious diseases: prevalence and clinical associations. *Clin Exp Rheumatol.* 2003;21(6 Suppl 32):S117-20.

14. Lamprecht P, Gutzeit O, Csernok E, Gause A, Longombardo G, Zignego AL, Gross WL, Ferri C. Prevalence of ANCA in mixed cryoglobulinemia and chronic hepatitis C virus infection. *Clin Exp Rheumatol*. 2003 Nov-Dec;21(6 Suppl 32):S89-94.
15. Csernok E, Holle J, Hellmich B, Willem J, Tervaert C, Kallenberg CG, Limburg PC, Niles J, Pan G, Specks U, Westman K, Wieslander J, De Groot K, Gross WL. Evaluation of capture ELISA for detection of antineutrophil cytoplasmic antibodies directed against proteinase 3 in Wegener's granulomatosis: first results from a multicentre study. *Rheumatology (Oxford)*. 2004;43(2):174-80.
16. Csernok E, Ahlquist D, Ullrich S, Gross WL. A critical evaluation of commercial immunoassays for antineutrophil cytoplasmic antibodies directed against proteinase 3 and myeloperoxidase in Wegener's granulomatosis and microscopic polyangiitis. *Rheumatology (Oxford)*. 2002 Nov;41(11):1313-7.
17. Hellmich B, Csernok E, Schatz H, Gross WL, Schnabel A: Autoantibodies against granulocyte colony-stimulating factor in Felty's syndrome and neutropenic systemic lupus erythematosus. *Arthritis Rheum* 2002; 46(9): 2384-91
18. Schönermarck, U., Lamprecht, P., Csernok, E., Gross, W.L. Prevalence and spectrum of rheumatic diseases associated with proteinase 3-antineutrophil cytoplasmic antibodies (ANCA) and myeloperoxidase-ANCA. *Rheumatology*. 2001; 40, 178-184
19. Hellmich B, Ehren M, Lindstaedt M, Meyer M, Pfohl M, Schatz H: Anti-MPO-ANCA-positive microscopic polyangiitis following subacute bacterial endocarditis. *Clin Rheumatol* 2001; 20(6): 441-3
20. Schultz, H., Csernok, E. and Gross, W. L. Bactericidal/permeability-increasing protein for severe meningococcal sepsis. *Lancet*. 1998, 351:525-526
21. Hagen EC, Daha Mr, Hermans J, Andrassy K, Csernok E et al., Diagnostic value of standardization assays for anti-neutrophil cytoplasmic antibodies in idiopathic systemic vasculitis EC/BCR Project for ANCA Assay Standardization. *Kidney Int*. 1998, 53 (3): 743-53
22. Wang, G., Csernok, E., de Groot, K. and Gross, W. (1997). Comparison of eight commercial kits for quantitation of antineutrophil cytoplasmic antibodies (ANCA). *J.Immunol.Methods*. 208:203-211.

23. Schultz, H., Csernok, E., Johnston, T. W., Lockwood, C. M. and Gross, W. L. Use of native and recombinant bactericidal/permeability increasing protein (BPI) as antigens for detection of BPI-ANCA. *J Immunol Meth.* 1997. 205:127-133.
24. Hagen, E. C., Andrassy, K., Csernok, E., Daha, M. R., Gaskin, G., Gross, W. L., Hansen, B., Heigl, Z., Hermans, J., Jayne, D., Kallenberg, C. G. M., Lesavre, P., Lockwood, C. M., Lüdemann, J., Mascart-Lemone, F., Mirapeix, E., Pusey, C. D., Rasmussen, N., Sinico, R. A., Tzioufas, A., Wieslander, J., Wiik, A. and van der Woude, F. J. (1996). Development and standardization of solid phase assays for the detection of anti-neutrophil cytoplasmic antibodies (ANCA): A report on the second phase of an international cooperative study on the standardization of ANCA assays. *J.Immunol.Methods.* 196:1-15.
25. Stoffel, M. P., Csernok, E. and Gross, W. L. (1996). Target antigen for Anti-Neutrophil Cytoplasmic Antibodies in inflammatory bowel disease. *Scand.J.Gastroenterol.* 31:943-944.
26. Stoffel, M. P., Csernok, E. and Gross, W. L. (1996). Are Antineutrophil Cytoplasmic Antibodies of Immunodiagnostic value in reactive arthritis? *J.Rheumatol.* 23:1670-1671.
27. Stoffel, M. P., Csernok, E., Herzberg, C., Johnston, T., Carroll, S. F. and Gross, W. L. 1996. Antineutrophil cytoplasmic antibodies (ANCA) directed against bactericidal/permeability increasing protein (BPI): A new seromarker for inflammatory bowel disease and associated disorders. *Clin.Exp.Immunol.* 104:54-59
28. Weinerth, J. D., Stoffel, M. P., Csernok, E. and Gross, W. L. (1996). Are ANCA associated with spondylarthropathies? *Br.J.Rheumatol.* 35:1032-1033.
29. Schnabel, A., Csernok, E., Isenberg, D. A., Mrowka, C. and Gross, W. L. (1995). Anti-neutrophil-cytoplasmic antibodies (ANCA) in systemic lupus erythematoses: prevalence, specificities, and clinical significance. *Arthritis Rheum.* 38 No.5:633-637.
30. Hauschild, S., Csernok, E., Schmitt, W. H. and Gross, W. L. (1994). Antineutrophil cytoplasmic antibodies in systemic polyarteritis nodosa with and without hepatitis B virus infection and Churg Strauss Syndrome. *J.Rheumatol.* 21:1173-1174.
31. Hagen, E. C., Andrassy, K., Csernok, E., Daha, M. R., Gaskin, G., Gross, W. L., Lesavre, P., Lüdemann, J., Pusey, C. D., Rasmussen, N., Savage, C. O. S., Sinico, R. A., Wiik, A. and van der Woude, F. J. (1993). The value of indirect immunofluorescence and solid

phase techniques for ANCA detection: A report on the first phase of an international cooperative study on the standardization of ANCA assays. *J.Immunol.Methods.* 159:1-16