

VIVIANNE MALMSTRÖM PUBLICATIONS 2016

Peer reviewed articles

1. Catrina AI, Joshua V, Klareskog L, Malmstrom V. Mechanisms involved in triggering rheumatoid arthritis. *Immunological Reviews* 2016; 269: 162-174.
2. Chemin K, Albrecht I, Pollastro S, de Vries N, Holmdahl R, Malmstrom V. Is citrullination required for the presence of restricted clonotypes reacting with type II collagen? Comment on the article by Chemin et al Reply. *Arthritis & Rheumatology* 2016; 68: 2053-2054.
3. Chemin K, Klareskog L, Malmstrom V. Is rheumatoid arthritis an autoimmune disease? *Current Opinion in Rheumatology* 2016; 28: 181-188.
4. Chemin K, Pollastro S, James E, Ge CR, Albrecht I, Herrath J, Gerstner C, Tandre K, Rizzi TS, Ronnblom L, Catrina A, Holmdahl R, Klareskog L, de Vries N, Malmstrom V. A Novel HLA-DRB1*10:01-Restricted T Cell Epitope From Citrullinated Type II Collagen Relevant to Rheumatoid Arthritis. *Arthritis & Rheumatology* 2016; 68: 1124-1135.
5. Folkersen L, Brynedal B, Diaz-Gallo LM, Ramskold D, Shchetynsky K, Westerlind H, Sundstrom Y, Schepis D, Hensvold A, Vivar N, Eloranta ML, Ronnblom L, Brunak S, Malmstrom V, Catrina A, Moerch UGW, Klareskog L, Padyukov L, Berg L. Integration of Known DNA, RNA and Protein Biomarkers Provides Prediction of Anti-TNF Response in Rheumatoid Arthritis: Results from the COMBINE Study. *Molecular Medicine* 2016; 22: 322-328.
6. Gerstner C, Dubnovitsky A, Sandin C, Kozhukh G, Uchtenhagen H, James EA, Ronnelid J, Ytterberg AJ, Pieper J, Reed E, Tandre C, Rieck M, Zubarev RA, Ronnblom L, Sandalova T, Buckner JH, Achour A, Malmstrom V. Functional and Structural Characterization of a Novel HLA-DRB1*04:01-Restricted alpha-Enolase T Cell Epitope in Rheumatoid Arthritis. *Frontiers in Immunology* 2016; 7.
7. Heyder T, Kohler M, Tarasova NK, Haag S, Rutishauser D, Rivera NV, Sandin C, Mia S, Malmstrom V, Wheelock AM, Wahlstrom J, Holmdahl R, Eklund A, Zubarev RA, Grunewald J, Ytterberg AJ. Approach for Identifying Human Leukocyte Antigen (HLA)-DR Bound Peptides from Scarce Clinical Samples. *Molecular & Cellular Proteomics* 2016; 15: 3017-3029.
8. Joshua V, Schobers L, Titcombe PJ, Israelsson L, Ronnelid J, Hansson M, Catrina AI, Pruijn GJM, Malmstrom V. Antibody responses to de novo identified citrullinated fibrinogen peptides in rheumatoid arthritis and visualization of the corresponding B cells. *Arthritis Research & Therapy* 2016; 18.
9. Krishnamurthy A, Joshua V, Hensvold AH, Jin T, Sun M, Vivar N, Ytterberg AJ, Engstrom M, Fernandes-Cerqueira C, Amara K, Magnusson M, Wigerblad G, Kato J, Jimenez-Andrade JM, Tyson K, Rapecki S, Lundberg K, Catrina SB, Jakobsson PJ, Svensson C, Malmstrom V, Klareskog L, Wahamaa H, Catrina AI. Identification of a novel chemokine-dependent molecular mechanism underlying rheumatoid arthritis-

associated autoantibody-mediated bone loss. *Annals of the Rheumatic Diseases* 2016; 75: 721-729.

10. Krishnamurthy A, Ytterberg J, Sun M, Joshua V, Wahamaa H, Tarasova N, Amara K, Malmstrom V, Rethi B, Catrina A. Immature dendritic cells are potent osteoclast precursors in RA and are targeted by autoantibodies against citrullinated proteins. *Scandinavian Journal of Rheumatology* 2016; 45: 11-11.
11. Pandya JM, Loell I, Hossain MS, Zong M, Alexanderson H, Raghavan S, Lundberg IE, Malmstrom V. Effects of conventional immunosuppressive treatment on CD244+(CD28null) and FOXP3+T cells in the inflamed muscle of patients with polymyositis and dermatomyositis. *Arthritis Research & Therapy* 2016; 18.
12. Pandya JM, Venalis P, Al-Khalili L, Hossain MS, Stache V, Lundberg IE, Malmstrom V, Fath AER. CD4+and CD8+CD28(null) T Cells Are Cytotoxic to Autologous Muscle Cells in Patients With Polymyositis. *Arthritis & Rheumatology* 2016; 68: 2016-2026.
13. Parodis I, Arnaud L, Gerhardsson J, Zickert A, Sundelin B, Malmstrom V, Svenungsson E, Gunnarsson I. ANTIPHOSPHOLIPID ANTIBODIES IN LUPUS NEPHRITIS. *Clinical and Experimental Rheumatology* 2016; 34: S18-S18.
14. Parodis I, Arnaud L, Gerhardsson J, Zickert A, Sundelin B, Malmstrom V, Svenungsson E, Gunnarsson I. Antiphospholipid Antibodies in Lupus Nephritis. *Plos One* 2016; 11.
15. Parodis I, Arnaud L, Gerhardsson J, Zickert A, Sundelin B, Malmstrom V, Svenungsson E, Gunnarsson I. Antiphospholipid antibodies in lupus nephritis. *Scandinavian Journal of Rheumatology* 2016; 45: 41-42.
16. Wigerblad G, Bas DB, Fernades-Cerqueira C, Krishnamurthy A, Nandakumar KS, Rogoz K, Kato J, Sandor K, Su J, Jimenez-Andrade JM, Finn A, Farinotti AB, Amara K, Lundberg K, Holmdahl R, Jakobsson PJ, Malmstrom V, Catrina AI, Klareskog L, Svensson CI. Autoantibodies to citrullinated proteins induce joint pain independent of inflammation via a chemokine-dependent mechanism. *Annals of the Rheumatic Diseases* 2016; 75: 730-738.