

VIVIANNE MALMSTRÖM PUBLICATIONS 2017**Peer reviewed articles**

1. Amara K, Clay E, Yeo L, Ramskold D, Spengler J, Sippl N, et al. B cells expressing the IgA receptor FcRL4 participate in the autoimmune response in patients with rheumatoid arthritis. *Journal of Autoimmunity*. 2017;81:34-43.
2. Brauner S, Folkersen L, Kvarnstrom M, Meisgen S, Petersen S, Franzen-Malmros M, et al. H1N1 vaccination in Sjogren's syndrome triggers polyclonal B cell activation and promotes autoantibody production. *Annals of the Rheumatic Diseases*. 2017;76(10):1755-63.
3. Cameron J, Clay E, Amara K, Sippl N, Filer A, Raza K, et al. CAPTURE OF IGA IMMUNE COMPLEXES AND ENRICHMENT IN IGA IG GENE EXPRESSION BOTH SUGGEST A ROLE FOR FCRL4+B CELLS IN THE LINK BETWEEN MUCOSAL AND JOINT INFLAMMATION. *Annals of the Rheumatic Diseases*. 2017;76:1051-2.
4. Carlberg K, Vickovic S, Stahl PL, Salmen F, Korotkova M, Malmstrom V, et al. TRANSCRIPTOME VISUALISATION OF THE INFLAMED RHEUMATOID ARTHRITIS JOINT. *Annals of the Rheumatic Diseases*. 2017;76:A58-A9.
5. Catrina AI, Svensson CI, Malmstrom V, Schett G, Klareskog L. Mechanisms leading from systemic autoimmunity to joint-specific disease in rheumatoid arthritis. *Nature Reviews Rheumatology*. 2017;13(2):79-86.
6. Circiumaru A, Liu Y, Krishnamurthy A, Mia SM, Joshua V, Engstrom M, et al. ROLES OF IL-8 IN RANK-L- AND ACPA-MEDIATED OSTEOCLASTOGENESIS. *Annals of the Rheumatic Diseases*. 2017;76:212-.
7. Galindo-Feria AS, Albrecht I, Notarnicola A, Dastmalchi M, Dubnovitsky A, Sandalova T, et al. Identification of a novel pro-inflammatory T cell epitope from histRNA-synthetase associated with interstitial lung disease in anti-Jo-1 positive patients. *Scandinavian Journal of Immunology*. 2017;86(4):317-.
8. Gerstner C, Dubnovitsky A, Sandin C, Kozhukh G, Uchtenhagen H, James EA, et al. Functional and Structural Characterization of a Novel HLA-DRB1*04:01-Restricted alpha-Enolase T Cell Epitope in Rheumatoid Arthritis (vol 7, 494, 2016). *Frontiers in Immunology*. 2017;8.
9. Gerstner C, Uchtenhagen H, Dubnovitsky A, Kwok W, James EA, Malmstrom V. EX VIVO ANALYSIS OF AUTOANTIGEN- SPECIFIC T CELL RESPONSES USING A MULTI HLA-CLASS II TETRAMER APPROACH. *Annals of the Rheumatic Diseases*. 2017;76:779-.
10. Gronwall C, Amara K, Hardt U, Krishnamurthy A, Steen J, Engstrom M, et al. Autoreactivity to malondialdehyde-modifications in rheumatoid arthritis is linked to disease activity and synovial pathogenesis. *Journal of Autoimmunity*. 2017;84:29-45.

11. Krishnamurthy A, Steen J, Gronwall C, Wigerblad G, Svensson C, Wahamaa H, et al. RA-Associated Antibodies Targeting Post Translational Modification Have Different Osteoclastogenetic Potential. *Arthritis & Rheumatology*. 2017;69.
12. Lloyd KA, Sahlstrom P, Steen J, Titcombe PJ, Zhou D, Lundqvist C, et al. ovel Interaction between Anti-Citrulline Monoclonal Antibodies and Apoptotic Cells Is Mediated through Citrullinated Nuclear Antigens. *Arthritis & Rheumatology*. 2017;69.
13. Lloyd KA, Steen J, Titcombe PJ, Amara K, Zhou D, Israelsson L, et al. Monoclonal ACPA-IgG Feature Extensive Fab Glycosylation. *Arthritis & Rheumatology*. 2017;69.
14. Lloyd KA, Steen J, Titcombe PJ, Mueller DL, Klareskog L, Malmstrom V, et al. VARIABLE DOMAIN N-LINKED GLYCOSYLATION IS A KEY FEATURE OF MONOCLONAL ACPA-IGG. *Annals of the Rheumatic Diseases*. 2017;76:A82-A3.
15. Malmstrom V, Catrina AI, Klareskog L. The immunopathogenesis of seropositive rheumatoid arthritis: from triggering to targeting. *Nature Reviews Immunology*. 2017;17(1):60-75.
16. Malmstrom V, Pandya JM, Lundberg IE, Fasth AER. Circulating CD8+CD28(null) T cytotoxic cells in polymyositis-a possible biomarker? Comment on the article by Pandya et al Reply. *Arthritis & Rheumatology*. 2017;69(1):243-4.
17. Parodis I, Sjowall C, Jonsen A, Ramskold D, Zickert A, Frodlund M, et al. Smoking and pre-existing organ damage reduce the efficacy of belimumab in systemic lupus erythematosus. *Autoimmunity Reviews*. 2017;16(4):343-51.
18. Rethi B, Krishnamurthy A, Ytterberg J, Sun M, Joshua V, Wahamaa H, et al. PROTEIN CITRULLINATIONS BY PAD ENZYMES PROMOTE DENDRITIC CELL TRANSDIFFERENTIATION INTO OSTEOCLAST AND GENERATE TARGETS FOR RA-SPECIFIC ANTIBODIES. *Annals of the Rheumatic Diseases*. 2017;76:482-.
19. Sherina N, Amara K, Sippl N, Ramskold D, Steen J, Israelsson L, et al. CLONING OF GINGIVAL TISSUE B CELLS FROM AN ACPA plus RA PATIENT WITH PERIODONTITIS. *Annals of the Rheumatic Diseases*. 2017;76:A92-A3.
20. Steen J, Forsstrom B, Israelsson L, Krishnamurthy A, Hansson M, Sahlstrom P, et al. MONOCLONAL ACPA ANTIBODIES RECOGNISING A COMMON CITRULLINE MOTIF ARE MAINLY DEPENDENT ON LIGHT CHAIN HYPERMUTATIONS FOR ANTIGEN RECOGNITION. *Annals of the Rheumatic Diseases*. 2017;76:A85-A.
21. Sun M, Joshua V, Krishnamurthy A, Hensvold A, Liu YY, Catrina SB, et al. ACPA Activate Challenged Synovial Fibroblasts through a PAD Dependent Mechanism: A Potential Explanation of the "Second Hit Model" in RA. *Arthritis & Rheumatology*. 2017;69.

22. Sun M, Joshua V, Krishnamurthy A, Hensvold AH, Liu Y, Catrina SB, et al. ACPA-INDUCED MOBILITY OF PRIMED SYNOVIAL FIBROBLASTS: THE MISSING LINK BETWEEN ACPA-INDUCED BONE LOSS AND SYNOVIAL CHANGES. *Annals of the Rheumatic Diseases*. 2017;76:484-5.
23. Tang Q, Ramskold D, Krystufkova O, Mann HF, Wick C, Dastmalchi M, et al. Effect of abatacept treatment on T cells in peripheral blood and muscle tissue in polymyositis and dermatomyositis patients. *Scandinavian Journal of Immunology*. 2017;86(4):332-.
24. Thiagarajan D, Frostegard A, Fiskesund R, Steen J, Malmstrom V, Frostegard J. Fully human monoclonal antibodies to phosphorylcholine improves phagocytosis efficiency in human peripheral blood monocytes derived macrophages. *Scandinavian Journal of Immunology*. 2017;86(4):348-.
25. Titcombe PJ, Wigerblad G, Sippl N, Zhang N, Shmagel AK, Sahlstrom P, et al. Citrulline-Polyspecific B Cell Antigen Receptors Arising from Somatic Hypermutation within Clades Demonstrate Pathogenicity in Rheumatoid Arthritis. *Arthritis & Rheumatology*. 2017;69.