Stanford

William H. Robinson, MD PhD

James W. Raitt, M.D. Professor

Medicine - Immunology & Rheumatology

CLINICAL OFFICE (PRIMARY)

- **VA Palo Alto Geriatric Research, Education and Clinical Center**

  3801 Miranda Ave Ste 154R

  Palo Alto, CA 94304

  Tel (650) 849-1207 **Fax** (650) 849-1208

ACADEMIC CONTACT INFORMATION

- **Alternate Contact**

  Lindsay Yamamura - Administrative Associate

  Email ylindsay@stanford.edu

Bio

BIO

My laboratory's overarching mission is to leverage interdisciplinary genomic, proteomic, and computational approaches to define the mechanisms that drive the development and progression of autoimmune diseases. A central focus of our research is elucidating the role of Epstein–Barr virus in human autoimmunity. We are committed to translating foundational discoveries into next-generation therapeutics, and to date, five therapeutic programs have emerged directly from our laboratory's work. In parallel with leading our laboratory's scientific programs, I serve as Chief of the Division of Immunology and Rheumatology.

CLINICAL FOCUS

- Immunology and Rheumatology
- Rheumatology

ACADEMIC APPOINTMENTS

- Professor, Medicine - Immunology & Rheumatology
- Member, Bio-X
- Member, Wu Tsai Human Performance Alliance
- Member, Maternal & Child Health Research Institute (MCHRI)
- Member, Stanford Cancer Institute

ADMINISTRATIVE APPOINTMENTS

- Chief, Division of Immunology and Rheumatology, Stanford University, (2019- present)

PROFESSIONAL EDUCATION

- Board Certification, American Board of Internal Medicine , Rheumatology
- Fellowship, Stanford University , Rheumatology
- Residency, UCSF , Internal Medicine

LINKS

- Robinson Lab: http://robinsonlab.stanford.edu
- Division of Immunology and Rheumatology: http://med.stanford.edu/immunology

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Our laboratory pursues two major areas of research:

Autoimmune disease, with a focus on the role of Epstein–Barr virus (EBV).

1) Defining how EBV contributes to the initiation and progression of systemic lupus erythematosus (SLE), multiple sclerosis (MS), and other autoimmune diseases

2) Investigating the roles of B cells in loss of immune tolerance and disease pathogenesis

3) Identifying key autoantigens and the immune responses directed against them

Osteoarthritis (OA), the most common form of arthritis. Unlike rheumatoid arthritis, OA is not classically considered an autoimmune disease and has historically been attributed to mechanical “wear and tear.” However, discoveries from our laboratory and others have revealed an important role for innate immune inflammation in OA pathogenesis.

1) Defining the innate immune mechanisms that initiate and perpetuate joint inflammation and tissue damage in OA

Teaching

STANFORD ADVISEES

Postdoctoral Faculty Sponsor

Yael Courtney, Friederike Held, Andreas Kerschbaumer, Salvinaz Moutusy, Mahesh Pandit, Laura van Dam

Doctoral Dissertation Advisor (AC)

Emily Yemington

Postdoctoral Research Mentor

Mahesh Pandit, Aiswarya Sethumadhavan

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Immunology (PhD Program)
- Medicine (Masters Program)

Publications

PUBLICATIONS

- **EBV reprograms autoreactive anti-CNS B cells as antigen presenting cells in multiple sclerosis.** *bioRxiv : the preprint server for biology*
  Younis, S., Rasouli, S., Loeffler, J. W., Sattarnezhad, N., Courtney, Y., Moutusy, S. I., Jahanbani, S., Pandit, M., Tomczak, A., Wong, H. H., Sharpe, O., Utz, P. J., Meffre, et al
  2026
- **Epstein-Barr virus reprograms autoreactive B cells as antigen-presenting cells in systemic lupus erythematosus.** *Science translational medicine*

Younis, S., Moutusy, S. I., Rasouli, S., Jahanbani, S., Pandit, M., Wu, X., Acharya, S., Sharpe, O., Wijeratne, T. U., Harris, M. L., Yang, E. Y., Chaichian, Y., Parsafar, et al

2025; 17 (824): eady0210

- **Epstein-Barr virus and multiple sclerosis.** *Science (New York, N.Y.)*

  Robinson, W. H., Steinman, L.

  2022; 375 (6578): 264-265

- **Clonally Expanded B Cells in Multiple Sclerosis Bind EBV EBNA1 and GlialCAM.** *Nature*

  Lanz, T. V., Brewer, R. C., Ho, P. P., Moon, J. S., Jude, K. M., Fernandez, D., Fernandes, R. A., Gomez, A. M., Nadj, G. S., Bartley, C. M., Schubert, R. D., Hawes, I. A., Vazquez, et al

  2022

- **IgE-mediated mast cell activation promotes inflammation and cartilage destruction in osteoarthritis** *ELIFE*

  Wang, Q., Lepus, C. M., Raghu, H., Reber, L. L., Tsai, M. M., Wong, H. H., von Kaeppler, E., Lingampalli, N., Bloom, M. S., Hu, N., Elliott, E. E., Oliviero, F., Punzi, et al

  2019; 8

- **From Molecular Mimicry to Clinical Laboratory: Longitudinal Measurement of EBNA1-Antibody Titers as a Diagnostic Biomarker of Multiple Sclerosis.** *Clinical chemistry*

  Sattarnezhad, N., Lanz, T. V., Ho, P. P., Robinson, W. H., Steinman, L.

  2026

- **Epstein-Barr virus reprograms autoreactive B cells as antigen-presenting cells in systemic lupus erythematosus**

  Younis, S., Moutusy, S., Rasouli, S., Jahanbani, S., Robinson, W.

  OXFORD UNIV PRESS.2026

- **Persistent Microbial Peptidoglycan Drives Post-Infectious Autoimmunity in Lyme Disease**

  Chen, X., Zhou, X., Wang, H., Ji, X., Rebman, A., Pandit, M., Sola, E., Mengwasser, K., Salehi, A., Soloski, M., Snyder, M., Jacobs-Wagner, C., Robinson, et al

  OXFORD UNIV PRESS.2026

- **Human vaccine responses regulated by parallel cytokine pathways.** *Nature immunology*

  Chen, G., Guo, J., Heath, J., Prestwood, T. R., Kwon, W. J., Smith, A. R., Nguyen, T. T., Kathuria, K. R., Sola, E., Sangare, A., Mallajosyula, V., Furuichi Fong, R., Mohsin, et al

  2026

- **Certolizumab Inhibits Radiographic Progression in Patients with Early Rheumatoid Arthritis and High Rheumatoid Factor Levels: A Pooled, Post#Hoc Analysis of the Phase 3 C#EARLY and C#OPERA Trials.** *Joint bone spine*

  Smolen, J. S., Taylor, P. C., Burmester, G., Tanaka, Y., Takeuchi, T., Curtis, J. R., Lopez Medina, C., Robinson, W. H., Huizinga, T., Mahoney, P., Lauwerys, B., Ufuktepe, B., Mikuls, et al

  2026: 106087

- **Anti-PAD4 antibodies link autoimmunity to PAD4 with CTL-associated rheumatoid arthritis.** *Annals of the rheumatic diseases*

  Ananth, K., Moosic, K. B., Gomez-Banuelos, E., Wang, H., Trejo-Zambrano, I., Johnson, R., Kirschmann, J. M., Deddens, T., Elghawy, O., Shemo, B., Robinson, W. H., Kimpel, D., Bingham, et al

  2026

- **Synovial transcriptional clusters link cartilage degeneration to cell-type-specific gene expression in knee osteoarthritis.** *bioRxiv : the preprint server for biology*

  Mazzucco, M. R., Mehta, B., Ruiz-Ortiz, J., Hale, C., Omi, F., Singh, P., Yuan, R., Lessard, S., Song, E. K., Zhang, M., Younis, S., Robinson, W. H., Ramirez, et al

  2026

- **Association of epigenetic trajectory with development of clinical rheumatoid arthritis in anti-citrullinated protein antibody positive individuals: Targeting Immune Responses for Prevention of Rheumatoid Arthritis (TIP-RA).** *Arthritis & rheumatology (Hoboken, N.J.)*

  Prideaux, E. B., Boyle, D. L., Choi, E., Buckner, J. H., Robinson, W. H., Holers, V. M., Deane, K. D., Firestein, G. S., Wang, W.

  2026

- **Cytotoxic T cell recognition of α-synuclein drives pathogenic immune responses in multiple system atrophy.** *Proceedings of the National Academy of Sciences of the United States of America*

Moon, J. S., Moutusy, S. I., Zhang, M., Ndayisaba, A., Rodriguez, D., El Kodsi, D. N., Kuzkina, A., Younis, S., Jahanbani, S., Dam, L. S., Courtney, Y., Netanel, A., Sharpe, et al
2026; 123 (14): e2537271123

- **Multiple molecular mimics in Epstein Barr Nuclear Antigen-1, and the pathogenesis of multiple sclerosis.** *Proceedings of the National Academy of Sciences of the United States of America*
  Lum, F. M., Sattarnezhad, N., Ho, P. P., Orr, N., Robinson, W. H., Lanz, T. V., Steinman, L.
  2026; 123 (11): e2519445123

- **NETosis-derived PADs mediate Citrullination of Oral Bacteria to promote Inflammation in Rheumatoid Arthritis.** *The Journal of rheumatology*
  Acharya, S., Brewer, C., Gomez, A. M., Younis, S., Pandit, M., Jahanbani, S., Sharpe, O., Love, Z. Z., Howard, M. C., Orange, D. E., Robinson, W. H.
  2026

- **Association between anti-citrullinated peptide antibodies and subclinical interstitial lung disease in community-dwelling adults: the multi-ethnic study of atherosclerosis.** *Respiratory research*
  Lanz, J. V., Hughes-Austin, J., Podolanczuk, A. J., Kim, J. S., Salvatore, M. M., Robinson, W. H., Raghu, G., Hoffman, E. A., Newell, J. D., Watts, J. R., Nath, P. H., Sonavane, S. K., Giles, et al
  2026

- **Pharmacological modulation of the blood-brain barrier: Mechanisms, therapeutic strategies, and emerging technologies.** *Pharmacological reviews*
  Pediaditakis, I., Tsakali, S., Lemieux, M. R., Brennan, M., Robinson, W. H., Papapetropoulos, S., Papapetropoulos, A.
  2026; 78 (2): 100118

- **Development of ACE2-tropic-betacoronavirus therapeutics for future pandemic preparedness.** *Nature communications*
  Utz, A., Armbrust, M., Nguyen, T. T., Morris, M. K., Matthews, C. O., Kompella, P., Cao, Z., Ha, J. W., Violette, A., Brewer, R. C., Lanz, T. V., Robinson, W. H., Xu, et al
  2025

- **Antigen-specific B cells cross-present citrullinated proteins to activate CD8 T cells in rheumatoid arthritis**
  Moon, J., Van Dam, L., Smith, M., Donlin, L. T., Sharpe, O., Robinson, W. H.
  OXFORD UNIV PRESS.2025

- **Persistent Pain Despite Inflammatory Control in RA: A Pooled Analysis of 7 RCTs**
  Kerschbaumer, A., Steiner, M., Robinson, W. H., Smolen, J., Aletaha, D.
  WILEY.2025: 1596-1598

- **Preclinical Expansion of Autoreactive Naive B cells Drives RA onset in ACPA plus individuals**
  Wu, X., Zhang, M., Sharpe, O., Holers, V., Buckner, J., Firestein, G., James, E., Deane, K., Robinson, W. H.
  WILEY.2025: 1792-1793

- **Increased Synovial Inflammation, Xist Escape Gene Expression and Knee Pain in Females with Osteoarthritis**
  Mehta, B., Otero, M., Mazzucco, M., Ruiz-Ortega, J., Hale, C., Omi, F., Balkhi, S., Singh, P., Lessard, S., Wang, W., Aslam, M., Maerz, T., Sculco, et al
  WILEY.2025: 565-568

- **Microbial activation of cytotoxic CD8⁺ T cells promotes skin immunerelated adverse events in patients treated with immune checkpoint inhibitors**
  Younis, S., Acharya, S., Swaminathan, G., Wong, H., Kim, H., Eschholz, A., Hegde, S., McKnight, A., Robinson, W., Zaba, L.
  WILEY.2025: 2171-2174

- **Characterizing ANCA-specific B Cells in ANCA-associated Vasculitis**
  van Dam, L., Zhang, M., Parsafar, S., Horomanski, A., Rasouli, S., Sharpe, O., van Leeuwen, J., Lanz, T., van Kooten, C., Teng, O., Robinson, W. H.
  WILEY.2025: 3288-3292

- **Sequence-Independent RNA Sensing in Living Mammalian Cells.** *bioRxiv : the preprint server for biology*
  Kolber, N. S., Kaseniit, K. E., Lanz, T. V., Robinson, W. H., Gao, X. J.
  2025

- **Distinct Reactivity Patterns to EBV Nuclear Proteins and CNS Antigens Distinguish CNS Demyelinating Disorders from Systemic Autoimmunity**

Sattarnezhad, N., Held, F., Babaei, M., Gawde, S., Ho, P., Barrett, A., Wijerante, T., Comanescu, A., Parsafar, S., Bartels, F., McDonald, J., Kipp, L., Van Haren, et al

SAGE PUBLICATIONS LTD.2025: 309-310

- **Predicting multiple sclerosis onset using EBV-related antibodies and machine learning methods in Swedish population**

  Liu, Y., Sattarnezhad, N., Thomas, O., Ho, P., Barrett, A., Comanescu, A., Wijerante, T., Alfredsson, L., Steinman, L., Robinson, W., Olsson, T., Lanz, T., Kockum, et al

  SAGE PUBLICATIONS LTD.2025: 885-886

- **Oxidative stress is a shared characteristic of ME/CFS and Long COVID.** *Proceedings of the National Academy of Sciences of the United States of America*

  Shankar, V., Wilhelmy, J., Curtis, E. J., Michael, B., Cervantes, L., Mallajosyula, V., Davis, R. W., Snyder, M., Younis, S., Robinson, W. H., Shankar, S., Mischel, P. S., Bonilla, et al

  2025; 122 (28): e2426564122

- **Aberrant T-cell phenotypes in a cohort of patients with post-treatment Lyme disease.** *Frontiers in immunology*

  Girgis, A. A., Cimbro, R., Yang, T., Rebman, A. W., Sewell, T., Villegas de Flores, D., Vadalia, A., Robinson, W. H., Cox, A. L., Darrah, E., Soloski, M. J., Aucott, J.

  2025; 16: 1607619

- **WOMEN WITH KNEE OSTEOARTHRITIS EXPERIENCE MORE REST PAIN, SYNOVIAL INFLAMMATION, AND WIDESPREAD CARTILAGE DEGENERATION THAN MEN**

  Mehta, B., Otero, M., Hale, C., Sculco, P., Cushing, S., Sun, D., Frank, M. O., Wu, Y., Mazzucco, M., Maerz, T., Colbath, A., Malfait, A., Younis, et al

  ELSEVIER SCI LTD.2025

- **Antibody reactivity against EBNA1 and GlialCAM differentiates multiple sclerosis patients from healthy controls.** *Proceedings of the National Academy of Sciences of the United States of America*

  Sattarnezhad, N., Kockum, I., Thomas, O. G., Liu, Y., Ho, P. P., Barrett, A. K., Comanescu, A. I., Wijeratne, T. U., Utz, P. J., Alfredsson, L., Steinman, L., Robinson, W. H., Olsson, et al

  2025; 122 (11): e2424986122

- **Connecting the dots: Presentation of EBV antigens on HLA class II risk alleles connects the two main risk factors of multiple sclerosis.** *Proceedings of the National Academy of Sciences of the United States of America*

  Lanz, T. V., Robinson, W. H.

  2024; 121 (49): e2420070121

- **A Novel Mouse Model for Cerebral Inflammatory Demyelination in X-Linked Adrenoleukodystrophy: Insights into Pathogenesis and Potential Therapeutic Targets.** *Annals of neurology*

  Hashemi, E., Srivastava, I. N., Aguirre, A., Yoseph, E. T., Kaushal, E., Awani, A., Ryu, J. K., Akassoglou, K., Talebian, S., Chu, P., Pisani, L., Musolino, P., Steinman, et al

  2024

- **Epstein-Barr virus as a potentiator of autoimmune diseases.** *Nature reviews. Rheumatology*

  Robinson, W. H., Younis, S., Love, Z. Z., Steinman, L., Lanz, T. V.

  2024

- **Cutting-edge approaches to B-cell depletion in autoimmune diseases.** *Frontiers in immunology*

  Robinson, W. H., Fiorentino, D., Chung, L., Moreland, L. W., Deodhar, M., Harler, M. B., Saulsbery, C., Kunder, R.

  2024; 15: 1454747

- **Distinct mucosal endotypes as initiators and drivers of rheumatoid arthritis.** *Nature reviews. Rheumatology*

  Holers, V. M., Demoruelle, K. M., Buckner, J. H., James, E. A., Firestein, G. S., Robinson, W. H., Steere, A. C., Zhang, F., Norris, J. M., Kuhn, K. A., Deane, K. D.

  2024

- **A Seropositive RA Polygenic Risk Score Does Not Predict Progression to RA in an ACPA Positive Population**

  Vargas, T., Vanderlinden, L., Carry, P., Demoruelle, K., Feser, M., Kechris, K., Buckner, J., Robinson, W., Firestein, G., Holers, M., Deane, K., Norris, J.

  WILEY.2024: 3810-3812

- **Identification of Autoreactive Cytotoxic T Cells in ANCA-Associated Vasculitis**

van Dam, L., Younis, S., Moon, J., Zhang, M., Parfasar, S., Horomanski, A., Sharpe, O., van Leeuwen, J., Lanz, T., van Kooten, C., Teng, O., Robinson, W.

WILEY.2024: 3781-3785

- **Memory B Cell Activation and Dysregulation in Systemic Lupus Erythematosus**

  Younis, S., Moutusy, S., Jahanbani, S., Wu, X., Harris, M., Pandit, M., van Dam, L., Sharpe, O., Utz, P., Robinson, W.

  WILEY.2024: 3653-3655

- **Synovial Inflammation Is Increased in Females with Knee Osteoarthritis**

  Hale, C., Otero, M., Sun, D., Parides, M., Dicarlo, E., Orange, D., Wu, Y., Robinson, W., Mehta, B., Cushing, S., Sculco, P., Maerz, T., Malfait, et al

  WILEY.2024: 4251-4253

- **ACPA Subtypes, RF Isotypes, and the Risk of Rheumatoid Arthritis-Associated Interstitial Lung Disease**

  Welch, J., Yang, Y., Baker, J., Wysham, K., Ascherman, D., Monach, P., Kerr, G., Reimold, A., Cannon, G., Kunkel, G., Robinson, W., Duryee, M., Thiele, et al

  WILEY.2024: 1004-1007

- **Automated multi-scale computational pathotyping (AMSCP) of inflamed synovial tissue.** *Nature communications*

  Bell, R. D., Brendel, M., Konnaris, M. A., Xiang, J., Otero, M., Fontana, M. A., Bai, Z., Accelerating Medicines Partnership Rheumatoid Arthritis and Systemic Lupus Erythematosus (AMP RA/SLE) Consortium, Krenitsky, D. M., Meednu, N., Rangel-Moreno, J., Scheel-Toellner, D., Carr, H., et al

  2024; 15 (1): 7503

- **Interferon subverts an AHR-JUN axis to promote CXCL13⁺ T cells in lupus** *NATURE*

  Law, C., Wacleche, V., Cao, Y., Pillai, A., Sowerby, J., Hancock, B., Horisberger, A., Bracero, S., Skidanova, V., Li, Z., Adejoorin, I., Dillon, E., Benque, et al

  2024; 631 (8022): 857-+

- **Clonal associations between lymphocyte subsets and functional states in rheumatoid arthritis synovium** *NATURE COMMUNICATIONS*

  Dunlap, G., Wagner, A., Meednu, N., Wang, R., Zhang, F., Ekabe, J., Jonsson, A., Wei, K., Sakaue, S., Nathan, A., Bykerk, V. P., Donlin, L. T., Goodman, et al

  2024; 15 (1): 4991

- **The peculiar features, diversity and impact of citrulline-reactive autoantibodies.** *Nature reviews. Rheumatology*

  Raposo, B., Klareskog, L., Robinson, W. H., Malmstrom, V., Gronwall, C.

  2024

- **The chromatin landscape of pathogenic transcriptional cell states in rheumatoid arthritis** *NATURE COMMUNICATIONS*

  Weinand, K., Sakaue, S., Nathan, A., Jonsson, A., Zhang, F., Watts, G. F. M., Al Suqri, M., Zhu, Z., Albrecht, J., Apruzzese, W., Banda, N., Barnas, J. L., Bathon, et al

  2024; 15 (1): 4650

- **Oxidative stress is a shared characteristic of ME/CFS and Long COVID**

  Shankar, V., Wilhelmy, J., Curtis, E., Michael, B., Cervantes, L., Mallajosyula, V., Davis, R., Snyder, M., Younis, S., Robinson, W., Shankar, S., Mischel, P., Bonilla, et al

  AMER ASSOC IMMUNOLOGISTS.2024

- **A distinct autoimmune signature in Post-treatment Lyme Disease Syndrome (PTLD)**

  Chen, X., Zhou, X., Wang, H., Ji, X., Rebman, A., Soloski, M., Wagner, C., Snyder, M., Robinson, W., Aucott, J., Davis, M.

  AMER ASSOC IMMUNOLOGISTS.2024

- **P66 is a bacterial mimic of CD47 that binds the anti-phagocytic receptor SIRPα and facilitates macrophage evasion by Borrelia burgdorferi.** *bioRxiv : the preprint server for biology*

  Tal, M. C., Hansen, P. S., Ogasawara, H. A., Feng, Q., Volk, R. F., Lee, B., Casebeer, S. E., Blacker, G. S., Shoham, M., Galloway, S. D., Sapiro, A. L., Hayes, B., Torrez Dulgeroff, et al

  2024

- **The monocyte cell surface is a unique site of autoantigen generation in rheumatoid arthritis.** *Proceedings of the National Academy of Sciences of the United States of America*

  Thomas, M. A., Naik, P., Wang, H., Giles, J. T., Girgis, A. A., Kim, S. Y., Johnson, T. P., Curran, A. M., Crawford, J. D., Jahanbani, S., Bingham, C. O., Robinson, W. H., Na, et al

  2024; 121 (17): e2304199121

- **Extrarenal symptoms associate with worse quality of life in patients enrolled in the AMP RA/SLE Lupus Nephritis Network.** *Rheumatology (Oxford, England)*
  Carlucci, P. M., Preisinger, K., Deonaraine, K. K., Zaminski, D., Dall'Era, M., Gold, H. T., Kalunian, K., Fava, A., Belmont, H. M., Wu, M., Putterman, C., Anolik, J., Barnas, et al
  2024
- **Dysregulated fibrinolysis and plasmin activation promote the pathogenesis of osteoarthritis.** *JCI insight*
  Wang, Q., Shao, G., Zhao, X., Wong, H. H., Chin, K., Zhao, M., Bai, A., Bloom, M. S., Love, Z. Z., Chu, C. R., Cheng, Z., Robinson, W. H.
  2024
- **Expansion of HLA-DR+ Peripheral Helper T and Naïve B cells in Anti-Citrullinated Protein Antibody-Positive Subjects At-Risk for Rheumatoid Arthritis.** *Arthritis & rheumatology (Hoboken, N.J.)*
  Takada, H., Demoruelle, M. K., Deane, K. D., Nakamura, S., Katsumata, Y., Ikari, K., Buckner, J. H., Robinson, W. H., Seifert, J. A., Feser, M. L., Moss, L., Norris, J. M., Harigai, et al
  2024
- **Longitudinal patterns and predictors of response to standard-of-care therapy in lupus nephritis: data from the Accelerating Medicines Partnership Lupus Network.** *Arthritis research & therapy*
  Izmirly, P. M., Kim, M. Y., Carlucci, P. M., Preisinger, K., Cohen, B. Z., Deonaraine, K., Zaminski, D., Dall'Era, M., Kalunian, K., Fava, A., Belmont, H. M., Wu, M., Putterman, et al
  2024; 26 (1): 54
- **Immune tolerance of citrullinated peptides.** *Nature reviews. Rheumatology*
  Thomas, R., Robinson, W. H.
  2024
- **A candidate antibody drug for prevention of malaria.** *Nature medicine*
  Williams, K. L., Guerrero, S., Flores-Garcia, Y., Kim, D., Williamson, K. S., Siska, C., Smidt, P., Jepson, S. Z., Li, K., Dennison, S. M., Mathis-Torres, S., Chen, X., Wille-Reece, et al
  2024
- **A Novel Mouse Model for Cerebral Inflammatory Demyelination in X-Linked Adrenoleukodystrophy: Insights into Pathogenesis and Potential Therapeutic Targets** *Annals of Neurology*
  Hashemi, E., Srivastava, I., Aguirre, A., Yoseph, E. T., Van Haren, K. P.
  2024
- **Multifaceted immune dysregulation characterizes individuals at-risk for rheumatoid arthritis.** *Nature communications*
  James, E. A., Holers, V. M., Iyer, R., Prideaux, E. B., Rao, N. L., Rims, C., Muir, V. S., Posso, S. E., Bloom, M. S., Zia, A., Elliott, S. E., Adamska, J. Z., Ai, et al
  2023; 14 (1): 7637
- **A novel mouse model of cerebral adrenoleukodystrophy highlights NLRP3 activity in lesion pathogenesis.** *bioRxiv : the preprint server for biology*
  Hashemi, E., Narain Srivastava, I., Aguirre, A., Tilahan Yoseph, E., Kaushal, E., Awani, A., Kyu Ryu, J., Akassoglou, K., Talebian, S., Chu, P., Pisani, L., Musolino, P., Steinman, et al
  2023
- **Genetic association between atopic disease and osteoarthritis.** *Osteoarthritis and cartilage*
  Baker, M. C., Robinson, W. H., Ostrom, Q.
  2023
- **Serum reactivity to citrullinated protein/peptide antigens and left ventricular structure and function in the Multi-Ethnic Study of Atherosclerosis (MESA).** *PloS one*
  Hughes-Austin, J. M., Katz, R., Majka, D. S., Criqui, M. H., Robinson, W. H., Firestein, G. S., Hundley, W. G., Ix, J. H.
  2023; 18 (10): e0291967
- **Leukotriene Inhibitors Effect on Post-Traumatic Osteoarthritis: A RealWorld Evidence Comparative Effectiveness Study**
  Jafarzadeh, S., Baker, M., Peloquin, C. E., Robinson, W. H., Felson, D.
  WILEY.2023: 271-272
- **The Role of Plasmin and Fibrinolysis Pathways in Osteoarthritis**

Wang, Q., Wong, H., Bai, A., Love, Z., Chu, C., Robinson, W.
WILEY.2023: 1764-1766

- **Identification of a Mast Cell-high Synovial Pathotype of Osteoarthritis**
  Younis, S., Bai, A., Wong, H., Love, Z., Wang, Q., Robinson, W.
  WILEY.2023: 1766-1767

- **Expansion of Circulating HLA-DR⁺ Peripheral Helper T Cells and CXCR5⁻CD38⁺ Mature Naive B Cells in ACPA-positive Individuals At-risk for and with Classified RA**
  Takada, H., Demoruelle, K., Deane, K., Nakamura, S., Katsumata, Y., Ikari, K., Buckner, J., Robinson, W. H., Seifert, J., Feser, M., Moss, L., Norri, J., Harigai, et al
  WILEY.2023: 5141-5144

- **Cytokine and Chemokine Elevations in ACPA plus Individuals Suggest Possible Viral, Mucosal and/or Innate Responses Are Related to the Transition to Future Clinical RA**
  Carlson, D., Carpenter, C., Goff, S., Seifert, J., Moss, L., Feser, M., Buckner, J., Robinson, W. H., Kirschmann, J., Firestein, G., Holer, M., Deane, K.
  WILEY.2023: 5148-5150

- **Does EBV infection matter for MS: EBV mediated molecular mimicry**
  Robinson, W. H.
  SAGE PUBLICATIONS LTD.2023: 7

- **Anti-citrullinated protein antibodies with multiple specificities ameliorate collagen antibody-induced arthritis in a time-dependent manner.** *Arthritis & rheumatology (Hoboken, N.J.)*
  Gomez, A. M., Brewer, R. C., Moon, J. S., Acharya, S., Kongpachith, S., Wang, Q., Jahanbani, S., Wong, H. H., Lanz, T. V., Love, Z. Z., Min-Oo, G., Niedziela-Majka, A., Robinson, et al
  2023

- **Anticitrullinated peptide antibody epitope expansion and the HLA DRB1 'shared epitope' are less common in seropositive checkpoint inhibitor-induced inflammatory arthritis than in longstanding rheumatoid arthritis.** *RMD open*
  Ghosh, N., Reid, P., Aude, C. A., Kirschman, J., Goodman, S., Bykerk, V. P., Lakhanpal, A., Rajesh, D., Chan, K. K., Robinson, W. H., Bass, A. R.
  2023; 9 (2)

- **Anti-citrullinated protein antibody profiles predict changes in disease activity in patients with rheumatoid arthritis initiating biologics** *RHEUMATOLOGY*
  Aripova, N., Kremer, J. M., Pappas, D. A., Reed, G., England, B. R., Robinson, B. H., Curtis, J. R., Thiele, G. M., Mikuls, T. R.
  2023

- **Single-cell sequencing of PBMC characterizes a distinct inflammatory monocyte subset in Lyme disease patients with Post-Treatment Lyme Disease Syndrome (PTLD)**
  Chen, X., Zhou, X., Ji, X., Miranda, M., Rebman, A., Kathuria, K., Robinson, W. H., Aucott, J., Davis, M. M.
  AMER ASSOC IMMUNOLOGISTS.2023

- **Rheumatoid arthritis associated with a cytotoxic cell leukemia is characterized by enhanced reactivity to citrullinated antigens**
  Ananth, K., Gomez-Banuelos, E., Trejo-Zambrano, I., Kirschmann, J., Moosic, K. B., Wang, H., Feith, D. J., Robinson, W. H., Andrade, F., Loughran, T. P., Darrah, E.
  AMER ASSOC IMMUNOLOGISTS.2023

- **Clonally Expanded Cytotoxic CD8⁺ T cells Target Citrullinated Antigens In ACPA⁺ Rheumatoid Arthritis**
  Moon, J., Younis, S., Sharpe, O., Rao, N. L., Carman, J. A., James, E. A., Buckner, J. H., Deane, K. D., Holers, V., Donlin, L. T., Davis, M. M., Robinson, W. H.
  AMER ASSOC IMMUNOLOGISTS.2023

- **Increased risk of osteoarthritis in patients with atopic disease.** *Annals of the rheumatic diseases*
  Baker, M. C., Sheth, K., Lu, R., Lu, D., von Kaeppler, E. P., Bhat, A., Felson, D. T., Robinson, W. H.
  2023

- **FAT10 Induces cancer cell migration by stabilizing phosphorylated ABI3/NESH.** *Animal cells and systems*
  Um, H., Jeong, H., Lee, B., Kim, Y., Lee, J., Roh, J. S., Lee, S. G., Park, H. R., Robinson, W. H., Sohn, D. H.
  2023; 27 (1): 53-60

- **Dysfunction in parkin aggravates inflammatory bone erosion by reinforcing osteoclast activity.** *Cell & bioscience*
  Kim, E., Kim, J., Kim, Y., Choi, B., Sohn, D. H., Park, S., Chung, Y., Kim, Y., Robinson, W. H., Kim, Y., Chang, E.
  2023; 13 (1): 48

- **Machine learning identification of thresholds to discriminate osteoarthritis and rheumatoid arthritis synovial inflammation.** *Arthritis research & therapy*
  Mehta, B., Goodman, S., DiCarlo, E., Jannat-Khah, D., Gibbons, J. A., Otero, M., Donlin, L., Pannellini, T., Robinson, W. H., Sculco, P., Figgie, M., Rodriguez, J., Kirschmann, et al
  2023; 25 (1): 31

- **Development of Osteoarthritis in Adults With Type 2 Diabetes Treated With Metformin vs a Sulfonylurea.** *JAMA network open*
  Baker, M. C., Sheth, K., Liu, Y., Lu, D., Lu, R., Robinson, W. H.
  2023; 6 (3): e233646

- **Incidence of Interstitial Lung Disease in Patients With Rheumatoid Arthritis Treated With Biologic and Targeted Synthetic Disease-Modifying Antirheumatic Drugs.** *JAMA network open*
  Baker, M. C., Liu, Y., Lu, R., Lin, J., Melehani, J., Robinson, W. H.
  2023; 6 (3): e233640

- **Oral mucosal breaks trigger anti-citrullinated bacterial and human protein antibody responses in rheumatoid arthritis.** *Science translational medicine*
  Brewer, R. C., Lanz, T. V., Hale, C. R., Sepich-Poore, G. D., Martino, C., Swafford, A. D., Carroll, T. S., Kongpachith, S., Blum, L. K., Elliott, S. E., Blachere, N. E., Parveen, S., Fak, et al
  2023; 15 (684): eabq8476

- **Serum antibodies to periodontal pathogens prior to rheumatoid arthritis diagnosis: A case-control study.** *Seminars in arthritis and rheumatism*
  Lee, J. A., Mikuls, T. R., Deane, K. D., Sayles, H. R., Thiele, G. M., Edison, J. D., Wagner, B. D., Feser, M. L., Moss, L. K., Kelmenson, L. B., Robinson, W. H., Payne, J. B.
  2023; 59: 152176

- **Autoantibodies against citrullinated and native proteins and prediction of rheumatoid arthritis-associated interstitial lung disease: A nested case-control study.** *The Lancet. Rheumatology*
  Kronzer, V. L., Hayashi, K., Yoshida, K., Davis, J. M., McDermott, G. C., Huang, W., Dellaripa, P. F., Cui, J., Feathers, V., Gill, R. R., Hatabu, H., Nishino, M., Blaustein, et al
  2023; 5 (2): e77-e87

- **Autoantibodies against citrullinated and native proteins and prediction of rheumatoid arthritis-associated interstitial lung disease: a nested case-control study** *LANCET RHEUMATOLOGY*
  Kronzer, V. L., Hayashi, K., Yoshida, K., Davis, J. M., McDermott, G. C., Huang, W., Dellaripa, P. F., Cui, J., Feathers, V., Gill, R. R., Hatabu, H., Nishino, M., Blaustein, et al
  2023; 5 (2): E77-E87

- **Cytotoxic CD8+ T cells target citrullinated antigens in rheumatoid arthritis.** *Nature communications*
  Moon, J. S., Younis, S., Ramadoss, N. S., Iyer, R., Sheth, K., Sharpe, O., Rao, N. L., Becart, S., Carman, J. A., James, E. A., Buckner, J. H., Deane, K. D., Holers, et al
  2023; 14 (1): 319

- **Roadmap for understanding mechanisms on how Epstein-Barr virus triggers multiple sclerosis and for translating these discoveries in clinical trials.** *Clinical & translational immunology*
  Lanz, T. V., Robinson, W. H., Ho, P. P., Steinman, L.
  2023; 12 (2): e1438

- **Activation of a Latent Epitope Causing Differential Binding of Anti-Neutrophil Cytoplasmic Antibodies to Proteinase 3.** *Arthritis & rheumatology (Hoboken, N.J.)*
  Moura, M. C., Thompson, G. E., Nelson, D. R., Fussner, L. A., Hummel, A. M., Jenne, D. E., Emerling, D., Fervenza, F. C., Kallenberg, C. G., Langford, C. A., McCune, W. J., Merkel, P. A., Monach, et al
  2022

- **Increased macrophage phagocytic activity with TLR9 agonist conjugation of an anti- Borrelia burgdorferi monoclonal antibody.** *Clinical immunology (Orlando, Fla.)*

Jahanbani, S., Hansen, P. S., Blum, L. K., Bastounis, E. E., Ramadoss, N. S., Pandrala, M., Kirschmann, J. M., Blacker, G. S., Love, Z. Z., Weissman, I. L., Nemati, F., Tal, M. C., Robinson, et al

2022: 109180

- **Clonal IgA and IgG autoantibodies from individuals at risk for rheumatoid arthritis identify an arthritogenic strain of Subdoligranulum.** *Science translational medicine*

  Chriswell, M. E., Lefferts, A. R., Clay, M. R., Hsu, A. R., Seifert, J., Feser, M. L., Rims, C., Bloom, M. S., Bemis, E. A., Liu, S., Maerz, M. D., Frank, D. N., Demoruelle, et al

  2022; 14 (668): eabn5166

- **Clonal IgA and IgG autoantibodies from individuals at risk for rheumatoid arthritis identify an arthritogenic strain of Subdoligranulum** *SCIENCE TRANSLATIONAL MEDICINE*

  Chriswell, M. E., Lefferts, A. R., Clay, M. R., Hsu, A., Seifert, J., Feser, M. L., Rims, C., Bloom, M. S., Bemis, E. A., Liu, S., Maerz, M. D., Frank, D. N., Demoruelle, et al

  2022; 14 (668)

- **Myeloablative autologous haematopoietic stem cell transplantation resets the B cell repertoire to a more naïve state in patients with systemic sclerosis.** *Annals of the rheumatic diseases*

  Adamska, J. Z., Zia, A., Bloom, M. S., Crofford, L. J., Furst, D. E., Goldmuntz, E., Keyes-Elstein, L., Mayes, M. D., McSweeney, P., Nash, R. A., Pinckney, A., Welch, B., Love, et al

  2022

- **RNA-seq characterization of histamine-releasing mast cells as potential therapeutic target of osteoarthritis.** *Clinical immunology (Orlando, Fla.)*

  Zhao, X., Younis, S., Shi, H., Hu, S., Zia, A., Wong, H. H., Elliott, E. E., Chang, T., Bloom, M. S., Zhang, W., Liu, X., Lanz, T. V., Sharpe, et al

  2022: 109117

- **Mechanism-driven strategies for prevention of rheumatoid arthritis.** *Rheumatology & autoimmunity*

  Holers, V. M., Kuhn, K. A., Demoruelle, M. K., Norris, J. M., Firestein, G. S., James, E. A., Robinson, W. H., Buckner, J. H., Deane, K. D.

  2022; 2 (3): 109-119

- **The Association Between Anti-Citrullinated Peptide Antibodies and Subclinical Interstitial Lung Disease in Community-Dwelling Adults: The Multi-Ethnic Study of Atherosclerosis**

  Lanz, J., Hughes-Austin, J., Podolanczuk, A., Kim, J., Austin, J., Robinson, W., Raghu, G., Hoffman, E., Newell, J., Watts, J., Nath, P., Sonavane, S., Barr, et al

  WILEY.2022: 2364-2366

- **An Expanded Anti-citrullinated Protein Antibody Profile Derived Using Unsupervised Machine Learning Predicts Treatment Responses to Biologic Therapies in Rheumatoid Arthritis**

  Aripova, N., Reed, G., England, B., Robinson, W., Pappas, D., Kremer, J., Thiele, G., Mikuls, T.

  WILEY.2022: 3185-3186

- **An Arthritogenic Strain of Subdoligranulum Specifically Detectable in the Feces of Individuals At-risk for and with Rheumatoid Arthritis Is Bound by ACPA and Stimulates Th17 Cell Activation in Those with Rheumatoid Arthritis**

  Chriswell, M., Rims, C., Maerz, M., Hsu, A., Seifert, J., Feser, M., Bloom, M., Bemis, E., Demoruelle, K., Deane, K. D., Robinson, W., James, E., Buckner, et al

  WILEY.2022: 1200-1202

- **Single-cell Profiling of B Cell Repertoire and Gene Expression in the RA Synovium Reveals Tissue Specific Clonal Expansion**

  Wagner, A., Meednu, N., Dunlap, G., Zhang, F., Jonsson, A., Wei, K., Ben-Artzi, A., Forbess, L., Geraldino-Pardilla, L., Horowitz, D., Hughes, L., Mandelin, A., Salomon-Escoto, et al

  WILEY.2022: 3239-3240

- **Mast Cells May Explain Sex Differences in Osteoarthritis Pain**

  Mehta, B., DiCarlo, E., Wang, F., Otero, M., Song, E., Sculco, P., Figgie, M., Goodman, S., Robinson, W., Orange, D.

  WILEY.2022: 3265-3267

- **CCP plus Immune Checkpoint Inhibitor Arthritis Patients Have Less ACPA Epitope Expansion Than CCP plus Rheumatoid Arthritis Patients**

  Ghosh, N., Rajesh, D., Kirschmann, J., Jannat-Khah, D., Chan, K., Goodman, S., Bykerk, V., Robinson, W., Bass, A.

  WILEY.2022: 1528-1530

- **Single-Cell Characterization of the TCR Repertoire Across Tissue and Blood in Rheumatoid Arthritis**
  Dunlap, G., Wagner, A., Meednu, N., Jonsson, A., Zhang, F., Wei, K., Utz, P., Robinson, W., Maecker, H., James, J., Guthridge, J., Bridges, S., Donlin, et al
  WILEY.2022: 3442-3444

- **Single-cell Profiling of B Cell Repertoire and Gene Expression in the RA Synovium Reveals Tissue Specific Clonal Expansion**
  Wagner, A., Meednu, N., Dunlap, G., Zhang, F., Jonsson, A., Wei, K., Ben-Artzi, A., Forbess, L., Geraldino-Pardilla, L., Horowitz, D., Hughes, L., Mandelin, A., Salomon-Escoto, et al
  WILEY.2022: 3239-3240

- **Mast Cells May Explain Sex Differences in Osteoarthritis Pain**
  Mehta, B., DiCarlo, E., Wang, F., Otero, M., Song, E., Sculco, P., Figgie, M., Goodman, S., Robinson, W., Orange, D.
  WILEY.2022: 3265-3267

- **CCP plus Immune Checkpoint Inhibitor Arthritis Patients Have Less ACPA Epitope Expansion Than CCP plus Rheumatoid Arthritis Patients**
  Ghosh, N., Rajesh, D., Kirschmann, J., Jannat-Khah, D., Chan, K., Goodman, S., Bykerk, V., Robinson, W., Bass, A.
  WILEY.2022: 1528-1530

- **Single-Cell Characterization of the TCR Repertoire Across Tissue and Blood in Rheumatoid Arthritis**
  Dunlap, G., Wagner, A., Meednu, N., Jonsson, A., Zhang, F., Wei, K., Utz, P., Robinson, W., Maecker, H., James, J., Guthridge, J., Bridges, S., Donlin, et al
  WILEY.2022: 3442-3444

- **SARS-CoV-2 infection of monocytes: balancing acts of antibodies and inflammasomes.** *Signal transduction and targeted therapy*
  Brewer, R. C., Robinson, W. H., Lanz, T. V.
  2022; 7 (1): 250

- **Mobilization of innate and adaptive antitumor immune responses by the RNP-targeting antibody ATRC-101.** *Proceedings of the National Academy of Sciences of the United States of America*
  Scholz, A., DeFalco, J., Leung, Y., Aydin, I. T., Czupalla, C. J., Cao, W., Santos, D., Vad, N., Lippow, S. M., Baia, G., Harbell, M., Sapugay, J., Zhang, et al
  2022; 119 (19): e2123483119

- **The importance of specific citrullinated clusterin and vimentin found in a multi-coloured bead-based citrulline-peptide array system in rheumatoid arthritis** *CLINICAL AND EXPERIMENTAL RHEUMATOLOGY*
  Yoshizawa, Y., Nakao, T., Tsuritani, K., Yamada, T., Watanabe, N., Chiba, A., Robinson, W. H., Miyake, S.
  2022; 40 (5): 936-944

- **Limited Neutralization of Omicron by Antibodies from the BNT162b2 Vaccination against SARS-CoV-2.** *Research square*
  Lanz, T. V., Brewer, R. C., Jahanbani, S., Robinson, W. H.
  2022

- **KIR+CD8+ T cells suppress pathogenic T cells and are active in autoimmune diseases and COVID-19.** *Science (New York, N.Y.)*
  Li, J., Zaslavsky, M., Su, Y., Guo, J., Sikora, M. J., van Unen, V., Christophersen, A., Chiou, S., Chen, L., Li, J., Ji, X., Wilhelmy, J., McSween, et al
  2022: eabi9591

- **Antibody cross-reactivity between casein and myelin-associated glycoprotein results in central nervous system demyelination.** *Proceedings of the National Academy of Sciences of the United States of America*
  Chunder, R., Weier, A., Maurer, H., Luber, N., Enders, M., Luber, G., Heider, T., Spitzer, A., Tacke, S., Becker-Gotot, J., Kurts, C., Iyer, R., Ho, et al
  2022; 119 (10): e2117034119

- **Extracellular histones aggravate autoimmune arthritis by lytic cell death.** *Frontiers in immunology*
  Jung, J., Lee, L. E., Kim, H., Kim, J. E., Jang, S. H., Roh, J. S., Lee, B., Robinson, W. H., Sohn, D. H., Pyun, J., Song, J. J.
  2022; 13: 961197

- **Differential Changes in ACPA Fine Specificity and Gene Expression in a Randomized Trial of Abatacept and Adalimumab in Rheumatoid Arthritis.** *Rheumatology and therapy*
  Jabado, O., Maldonado, M. A., Schiff, M., Weinblatt, M. E., Fleischmann, R., Robinson, W. H., He, A., Patel, V., Greenfield, A., Saini, J., Galbraith, D., Connolly, S. E.
  2021

- **Histologic subtype of cutaneous immune-related adverse events predicts overall survival in patients receiving immune checkpoint inhibitors.** *Journal of the American Academy of Dermatology*
  Hirotsu, K. E., Scott, M. K., Marquez, C., Tran, A. T., Rieger, K. E., Novoa, R. A., Robinson, W. H., Kwong, B. Y., Zaba, L. C.
  2021

- **BNT162b2 vaccine induces divergent B cell responses to SARS-CoV-2 S1 and S2** *NATURE IMMUNOLOGY*
  Brewer, R., Ramadoss, N. S., Lahey, L. J., Jahanbani, S., Robinson, W. H., Lanz, T.
  2021

- **Antibody Responses to Epstein-Barr Virus in the Preclinical Period of Rheumatoid Arthritis Suggest the Presence of Increased Viral Reactivation Cycles.** *Arthritis & rheumatology (Hoboken, N.J.)*
  Fechtner, S., Berens, H., Bemis, E., Johnson, R. L., Guthridge, C. J., Carlson, N. E., Demoruelle, M. K., Harley, J. B., Edison, J. D., Norris, J. A., Robinson, W. H., Deane, K. D., James, et al
  2021

- **New-onset IgG autoantibodies in hospitalized patients with COVID-19.** *Nature communications*
  Chang, S. E., Feng, A., Meng, W., Apostolidis, S. A., Mack, E., Artandi, M., Barman, L., Bennett, K., Chakraborty, S., Chang, I., Cheung, P., Chinthrajah, S., Dhingra, et al
  2021; 12 (1): 5417

- **Effective Viral Vector SARS-CoV-2 Booster Vaccination in a Patient with Rheumatoid Arthritis after Initial Ineffective mRNA Vaccine Response.** *Arthritis & rheumatology (Hoboken, N.J.)*
  Baker, M. C., Mallajosyula, V., Davis, M. M., Boyd, S. D., Nadeau, K. C., Robinson, W. H.
  2021

- **Symptom Trajectories in the Transition from Pre-Rheumatoid Arthritis to Clinically-Apparent Inflammatory Arthritis**
  Haville, S., Seifert, J., Barzideh, S., Moss, L., Rao, N., Johnsen, A., Buckner, J., James, E., Posso, S., Firestein, G., Boyle, D., Robinson, W., Holers, et al
  WILEY.2021: 3444-3445

- **New-Onset IgG Autoantibodies in Hospitalized Patients with COVID-19**
  Chang, S., Feng, A., Meng, W., Apostolidis, S., Mack, E., Artandi, M., Barman, L., Bennett, K., Chakraborty, S., Chang, I., Cheung, P., Chinthrajah, S., Dhingra, et al
  WILEY.2021: 3202-3205

- **Unsupervised Clustering of Histology and Ultrasound Scores Identifies Osteoarthritis Subtypes**
  Konnaris, M., Bell, R., Pannellini, T., DiCarlo, E., Gibbons, J., Nwawka, O., Lee, S., Sculco, P., Parks, M., Figgie, M., Donlin, L., Orange, D., Sculco, et al
  WILEY.2021: 421-424

- **Single-cell Profiling of B and T Cell Repertoire and Gene Expression in the RA Synovium Reveals Tissue Specific Clonal Expansion**
  Meednu, N., Wagner, A., Dunlap, G., Zhang, F., Jonsson, A., Wei, K., Utz, P., Robinson, W., Maecker, H., James, J., Guthridge, J., Bridges, S., Bykerk, et al
  WILEY.2021: 951-952

- **Autoantibodies and the Risk of Incident Cardiovascular Disease in US Veterans with Rheumatoid Arthritis**
  Johnson, T., Duryee, M., Hunter, C., Roul, P., Yang, Y., Sokolove, J., Robinson, W., Baker, J., Thiele, G., Mikuls, T., England, B.
  WILEY.2021: 547-550

- **Metformin Use Reduces the Risk of Developing Osteoarthritis: A Propensity Score Matching Study**
  Sheth, K., Lu, D., Lu, R., Robinson, W., Baker, M.
  WILEY.2021: 994-996

- **Identifying Trajectories and Endotypes in the Evolution of Pre-Rheumatoid Arthritis with Autoantibody Testing and Artificial Adaptive System Analysis**
  Buscema, P., Massini, G., Della Torre, F., Asadi-Zeydabadi, M., O'Donnell, C., Newman, F., Tagg, R., Lodwick, W., Collora, C., Feser, M., Moss, L., Robinson, W., Thiele, et al
  WILEY.2021: 3442-3444

- **Plasmablast-derived Autoantibodies from Individuals At-risk for RA That Target RA-relevant Antigens Are Polyreactive with Arthritogenic Bacteria**

Chriswell, M., Seifert, J., Bloom, M., Rims, C., Feser, M., Deane, K., Norris, J., James, E., Buckner, J., Robinson, W., Holers, V., Kuhn, K.
WILEY.2021: 953-954

- **Osteoarthritis Risk Is Increased in Patients with Atopic Disease**
  Baker, M., Sheth, K., Lu, R., Lu, D., von Kaeppler, E., Bhat, A., Felson, D., Robinson, W.
  WILEY.2021: 2351-2353

- **Tendon-Derived Progenitor Cells With Multilineage Potential Are Present Within Human Patellar Tendon.** *Orthopaedic journal of sports medicine*
  Leonardi, E. A., Xiao, M., Murray, I. R., Robinson, W. H., Abrams, G. D.
  2021; 9 (8): 23259671211023452

- **The importance of specific citrullinated clusterin and vimentin found in a multi-coloured bead-based citrulline-peptide array system in rheumatoid arthritis.** *Clinical and experimental rheumatology*
  Yoshizawa, Y., Nakao, T., Tsuritani, K., Yamada, T., Watanabe, N., Chiba, A., Robinson, W. H., Miyake, S.
  2021

- **First-in-human phase 1b study of ATRC-101, a patient-derived antibody with a tumor-specific target, as monotherapy or in combination with pembrolizumab, in patients with solid tumors.**
  Benjamin, J. E., Higgins, N., Millward, C., DeFalco, J., Manning-Bog, A., Aydin, I. T., Zhang, D., Lippow, S. M., Scholz, A., Leung, Y., Zhu, Y., Sedello, A., Rogers, et al
  AMER ASSOC CANCER RESEARCH.2021

- **Pathogenic Role of Circulating Citrullinated Antigens and Anti-Cyclic Monoclonal Citrullinated Peptide Antibodies in Rheumatoid Arthritis** *FRONTIERS IN IMMUNOLOGY*
  Won, P., Kim, Y., Jung, H., Rim, Y., Sohn, D., Robinson, W. H., Moon, S., Ju, J.
  2021; 12: 692242

- **Interleukin 4 promotes anti-inflammatory macrophages that clear cartilage debris and inhibits osteoclast development to protect against osteoarthritis.** *Clinical immunology (Orlando, Fla.)*
  von Kaeppler, E. P., Wang, Q., Raghu, H., Bloom, M. S., Wong, H., Robinson, W. H.
  2021: 108784

- **Neutralizing Anti-Interleukin-1 Receptor-Antagonist Autoantibodies Induce Inflammatory and Fibrotic Mediators in IgG4-Related Disease.** *The Journal of allergy and clinical immunology*
  Jarrell, J. A., Baker, M. C., Perugino, C. A., Liu, H., Bloom, M. S., Maehara, T., Wong, H. H., Lanz, T., Adamska, J. Z., Kongpachith, S., Sokolove, J., Stone, J. H., Pillai, et al
  2021

- **Dual IgA/IgG family plasmablast-derived mAbs from peripheral blood of individuals at risk for rheumatoid arthritis are polyreactive to autoantigens and intestinal bacteria**
  Chriswell, M., Bloom, M., Seifert, J. A., Feser, M., Demoruelle, M., Deane, K. D., Norris, J. M., Robinson, W. H., Holers, V., Kuhn, K. A.
  AMER ASSOC IMMUNOLOGISTS.2021

- **Associations of serum cytokines and chemokines with the risk of incident cancer in a prospective rheumatoid arthritis cohort.** *International immunopharmacology*
  England, B. R., Campany, M., Sayles, H., Roul, P., Yang, Y., Ganti, A. K., Sokolove, J., Robinson, W. H., Reimold, A. M., Kerr, G. S., Cannon, G. W., Sauer, B. C., Baker, et al
  2021; 97: 107719

- **Predicting Lyme Disease From Patients' Peripheral Blood Mononuclear Cells Profiled With RNA-Sequencing** *FRONTIERS IN IMMUNOLOGY*
  Clarke, D. J. B., Rebman, A. W., Bailey, A., Wojciechowicz, M. L., Jenkins, S. L., Evangelista, J. E., Danieletto, M., Fan, J., Eshoo, M. W., Mosel, M. R., Robinson, W., Ramadoss, N., Bobe, et al
  2021; 12: 636289

- **Diminished cytokine-induced Jak/STAT signaling is associated with rheumatoid arthritis and disease activity.** *PloS one*
  Ptacek, J. n., Hawtin, R. E., Sun, D. n., Louie, B. n., Evensen, E. n., Mittleman, B. B., Cesano, A. n., Cavet, G. n., Bingham, C. O., Cofield, S. S., Curtis, J. R., Danila, M. I., Raman, et al
  2021; 16 (1): e0244187

- **Serologic response to Borrelia antigens varies with clinical phenotype in children and young adults with Lyme disease.** *Journal of clinical microbiology*

Radtke, F. A., Ramadoss, N., Garro, A. C., Bennett, J. E., Levas, M. N., Robinson, W. H., Nigrovic, P. A., Nigrovic, L. E., Net, P. L.
2021: JCM0134421

- **Molecular Microbiological and Immune Characterization of a Cohort of Patients Diagnosed with Early Lyme Disease** *JOURNAL OF CLINICAL MICROBIOLOGY*
  Mosel, M. R., Rebman, A. W., Carolan, H. E., Montenegro, T., Lovari, R., Schutzer, S. E., Ecker, D. J., Yang, T., Ramadoss, N. S., Robinson, W. H., Soloski, M. J., Eshoo, M. W., Aucott, et al
  2021; 59 (1)

- **Modeling human adaptive immune responses with tonsil organoids.** *Nature medicine*
  Wagar, L. E., Salahudeen, A. n., Constantz, C. M., Wendel, B. S., Lyons, M. M., Mallajosyula, V. n., Jatt, L. P., Adamska, J. Z., Blum, L. K., Gupta, N. n., Jackson, K. J., Yang, F. n., Röltgen, et al
  2021

- **Associations between an expanded autoantibody profile and treatment responses to biologic therapies in patients with rheumatoid arthritis.** *International immunopharmacology*
  Petro, A. D., Dougherty, J., England, B. R., Sayles, H., Duryee, M. J., Hunter, C. D., Kremer, J. M., Pappas, D. A., Robinson, W. H., Curtis, J. R., Thiele, G. M., Mikuls, T. R.
  2020; 91: 107260

- **Molecular Microbiological and Immune Characterization of a Cohort of Patients Diagnosed with Early Lyme Disease.** *Journal of clinical microbiology*
  Mosel, M. R., Rebman, A. W., Carolan, H. E., Montenegro, T., Lovari, R., Schutzer, S. E., Ecker, D. J., Yang, T., Ramadoss, N. S., Robinson, W. H., Soloski, M. J., Eshoo, M. W., Aucott, et al
  2020

- **Ultrasound in Knee Osteoarthritis: Reader Performance, Sonographic Features, and Correlation with Radiographic Findings**
  Nwawka, O., Lee, S., Lin, B., Ibrahim, S., Brantner, C., Sculco, P., Parks, M., Figgie, M., Donlin, L., Orange, D., Mirza, S., Cross, M., Rodriguez, et al
  WILEY.2020

- **Bacterial Families Lachnospiraceae/Ruminococcaceae Are Immunologically Targeted in Individuals At-risk for RA and a Specific Strain Is Arthritogenic in Monocultured Gnotobiotic Mice**
  Chriswell, M., Seifert, J., Blum, L., Bloom, M., Feser, M., Demoruelle, M., Norris, J., Deane, K. D., James, E., Buckner, J., Robinson, W., Holers, V., Kuhn, et al
  WILEY.2020

- **Factors Associated with an Increased Risk of Imminent Rheumatoid Arthritis in ACPA plus Individuals**
  Kim, H., Peterson, R., Firestein, G., Boyle, D., Buckner, J., Posso, S., James, E., Robinson, W., Arbet, J., Moss, L., Gilmore, R., Hartje, L., Barzideh, et al
  WILEY.2020

- **Higher Baseline Fine-Specificity ACPAs Predict Greater Treatment Response with Abatacept plus MTX versus MTX Monotherapy in Seropositive RA: A Post Hoc Analysis**
  Robinson, W., Wu, C., Hu, S., Connolly, S., Mukherjee, S.
  WILEY.2020

- **Vitamin D Polygenetic Risk Score and the Association with RA Autoantibodies Among First-Degree Relatives of RA Subjects**
  Bemis, E., Young, K., Seifert, J., Feser, M., Deane, K. D., Demoruelle, M., O'Dell, J., Weisman, M., Gregersen, P., Keating, R., Robinson, W., Buckner, J., Langefeld, et al
  WILEY.2020

- **Fine Specificity Anti-Citrullinated Protein Antibodies as Biomarkers for Prediction of Incident Rheumatoid Arthritis-Associated Interstitial Lung Disease**
  Kronzer, V., Huang, W., Dellaripa, P., Huang, S., Feathers, V., Lu, B., Iannaccone, C., Gill, R., Hatabu, H., Nishino, M., Crowson, C., Davis, J., Robinson, et al
  WILEY.2020

- **First-in-human phase Ib study of ATRC-101, an engineered version of a patient-derived antibody targeting a tumor-restricted ribonucleoprotein complex.**
  Benjamin, J., Higgins, N., Millward, C., Defalco, J., Manning-Bog, A., Aydin, I. T., Zhang, D., Lippow, S., Scholz, A., Leung, Y., Zhu, Y., Sedello, A., Rogers, et al
  LIPPINCOTT WILLIAMS & WILKINS.2020

- **Erratum for Research Article "Synovial fibroblast-neutrophil interactions promote pathogenic adaptive immunity in rheumatoid arthritis" by C. Carmona-Rivera, P. M. Carlucci, E. Moore, N. Lingampalli, H. Uchtenhagen, E. James, Y. Liu, K. L. Bicker, H. Wahamma, V. Hoffman, A. I. Catrina, P. Thompson, J. H. Buckner, W. H. Robinson, D. A. Fox, M. J. Kaplan.** *Science immunology*
  Carmona-Rivera, C., Carlucci, P. M., Moore, E., Lingampalli, N., Uchtenhagen, H., James, E., Liu, Y., Bicker, K. L., Wahamaa, H., Hoffmann, V., Catrina, A. I., Thompson, P. R., Buckner, et al
  2020; 5 (43)

- **Elevated anti-citrullinated protein antibodies prior to rheumatoid arthritis diagnosis and risks for chronic obstructive pulmonary disease or asthma.** *Arthritis care & research*
  Zaccardelli, A., Liu, X., Ford, J. A., Cui, J., Lu, B., Chu, S. H., Schur, P. H., Speyer, C. B., Costenbader, K. H., Robinson, W. H., Sokolove, J., Karlson, E. W., Camargo, et al
  2020

- **Autoantibodies against central nervous system antigens in a subset of B cell-dominant multiple sclerosis patients.** *Proceedings of the National Academy of Sciences of the United States of America*
  Kuerten, S. n., Lanz, T. V., Lingampalli, N. n., Lahey, L. J., Kleinschnitz, C. n., Mäurer, M. n., Schroeter, M. n., Braune, S. n., Ziemssen, T. n., Ho, P. P., Robinson, W. H., Steinman, L. n.
  2020

- **Soaking of Autologous Tendon Grafts in Vancomycin Before Implantation Does Not Lead to Tenocyte Cytotoxicity.** *The American journal of sports medicine*
  Xiao, M. n., Leonardi, E. A., Sharpe, O. n., Sherman, S. L., Safran, M. R., Robinson, W. H., Abrams, G. D.
  2020: 363546520951815

- **CD52 Is Elevated on B cells of SLE Patients and Regulates B Cell Function.** *Frontiers in immunology*
  Bhamidipati, K. n., Silberstein, J. L., Chaichian, Y. n., Baker, M. C., Lanz, T. V., Zia, A. n., Rasheed, Y. S., Cochran, J. R., Robinson, W. H.
  2020; 11: 626820

- **PRIME Time in Rheumatoid Arthritis.** *The New England journal of medicine*
  Gravallese, E. M., Robinson, W. H.
  2020; 383 (3): 278–79

- **Osteoarthritis risk is reduced after treatment with ticagrelor compared to clopidogrel: a propensity score matching analysis.** *Arthritis & rheumatology (Hoboken, N.J.)*
  Baker, M. C., Weng, Y. n., William, R. H., Ahuja, N. n., Rohatgi, N. n.
  2020

- **B cells in rheumatoid arthritis synovial tissues encode focused antibody repertoires that include antibodies that stimulate macrophage TNF-α production.** *Clinical immunology (Orlando, Fla.)*
  Elliott, S. E., Kongpachith, S. n., Lingampalli, N. n., Adamska, J. Z., Cannon, B. J., Blum, L. K., Bloom, M. S., Henkel, M. n., McGeachy, M. J., Moreland, L. W., Robinson, W. H.
  2020: 108360

- **Protein phosphatase magnesium-dependent 1A induces inflammation in rheumatoid arthritis.** *Biochemical and biophysical research communications*
  Lee, B., Song, Y. S., Rhodes, C., Goh, T. S., Roh, J. S., Jeong, H., Park, J., Lee, H., Lee, S., Kim, S., Kim, M., Lee, S., Sohn, et al
  2019

- **The intracellular protein phosphatase magnesium-dependent 1A negatively regulates osteoclast commitment.** *Arthritis & rheumatology (Hoboken, N.J.)*
  Kwon, O. C., Choi, B., Lee, E., Park, J., Lee, E., Kim, E., Kim, S., Shin, M., Kim, T., Hong, S., Lee, C., Yoo, B., William, et al
  2019

- **Asthma and elevation of anti-citrullinated protein antibodies prior to the onset of rheumatoid arthritis.** *Arthritis research & therapy*
  Zaccardelli, A., Liu, X., Ford, J. A., Cui, J., Lu, B., Chu, S. H., Schur, P. H., Speyer, C. B., Costenbader, K. H., Robinson, W. H., Sokolove, J., Karlson, E. W., Camargo, et al
  2019; 21 (1): 246

- **ATRC-101: A first-in-class engineered fully human monoclonal antibody that targets a tumor-restricted ribonucleoprotein complex**
  Del-alco, J., Emerling, D., Manning-Bog, A., Baia, G., Lippow, S., Scholz, A., Zhu, Y., Cavet, G., Volkmuth, W., Dhawan, I., Benjamin, J., Robinson, W., Serafini, et al

BMC.2019

- **Antibody Repertoire Sequencing, Antigen Array Analysis, and Cytokine Profiling of Blood from Individuals at High-risk for RA Reveals Candidate Immunoglobulin V Genes, ACPA, and Cytokines That May Promote the Transition to Arthritis**
  Iyer, R., Zia, A., Bloom, M., Nagpal, S., Rao, N., Baribaud, F., Vratsanos, G., Wang, W., Firestein, G., Boyle, D., Buckner, J., Holers, V., Deane, et al
  WILEY.2019

- **Differences in the Phenotypic Landscape and Antigen Specificity of CD4+T Cells Are Present in CCP plus Subjects Before the Onset of Rheumatoid Arthritis**
  Muir, V., Rims, C., Deane, K., Carlin, J., Posso, S., Nagpal, S., Rao, N., Baribaud, F., Vratsanos, G., Robinson, W., Firestein, G., Holers, V., Linsley, et al
  WILEY.2019

- **Elevation of Anti-Citrullinated Protein Antibodies Prior to Rheumatoid Arthritis Onset and Risks for Developing Chronic Obstructive Pulmonary Disease or Asthma**
  Zaccardelli, A., Liu, X., Ford, J., Cui, J., Lu, B., Chu, S. H., Schur, P., Speyer, C., Costenbader, K., Robinson, W., Sokolove, J., Karlson, E., Camargo, et al
  WILEY.2019

- **Differential Methylation of Peripheral Blood Adaptive Immune Cells in Individuals at High Risk for RA and with Early RA Compared with Controls Identifies Pathways Important in Transition to Arthritis**
  Ai, R., Boyle, D., Hammaker, D., Deane, K., Holers, V., Matti, A., Robinson, W., Buckner, J., Rao, N., Baribaud, F., Vratsanos, G., Nagpal, S., Wang, et al
  WILEY.2019

- **Clinical and Biomarker Factor Associations with Symptoms and Future Development of RA: TIP-RA Collective**
  Deane, K., Nagpal, S., Holers, V., Firestein, G., Boyle, D., Seifert, J., Buckner, J., James, E., Moss, L., Barzideh, S., Posso, S., Robinson, W., Polinski, et al
  WILEY.2019

- **Associations Between Circulating Cytokines and Incident Inflammatory Arthritis in an Anti-citrullinated Protein Antibody Positive Population**
  Polinski, K., Bemis, E., Demoruelle, M., Feser, M., Moss, L., Seifert, J., Clare-Salzler, M., Robinson, W., Holers, V., Deane, K., Norris, J.
  WILEY.2019

- **Neutrophil extracellular traps, B cells, and type I interferons contribute to immune dysregulation in hidradenitis suppurativa.** *Science translational medicine*
  Byrd, A. S., Carmona-Rivera, C., O'Neil, L. J., Carlucci, P. M., Cisar, C., Rosenberg, A. Z., Kerns, M. L., Caffrey, J. A., Milner, S. M., Sacks, J. M., Aliu, O., Broderick, K. P., Reichner, et al
  2019; 11 (508)

- **Antigen-specific tolerance to self-antigens in protein replacement therapy, gene therapy and autoimmunity.** *Current opinion in immunology*
  Steinman, L., Ho, P. P., Robinson, W. H., Utz, P. J., Villoslada, P.
  2019; 61: 46–53

- **Platelet-Rich Plasma (PRP) From Older Males With Knee Osteoarthritis Depresses Chondrocyte Metabolism and Upregulates Inflammation** *JOURNAL OF ORTHOPAEDIC RESEARCH*
  O'Donnell, C., Migliore, E., Grandi, F., Koltsov, J., Lingampalli, N., Cisar, C., Indelli, P. F., Sebastiano, V., Robinson, W. H., Bhutani, N., Chu, C. R.
  2019; 37 (8): 1760–70

- **A Prospective Study of the Development of Inflammatory Arthritis in the Family Members of Indigenous North American People With Rheumatoid Arthritis** *ARTHRITIS & RHEUMATOLOGY*
  Tanner, S., Dufault, B., Smolik, I., Meng, X., Anaparti, V., Hitchon, C., Robinson, D. B., Robinson, W., Sokolove, J., Lahey, L., Ferucci, E. D., El-Gabalawy, H.
  2019

- **Defining inflammatory cell states in rheumatoid arthritis joint synovial tissues by integrating single-cell transcriptomics and mass cytometry** *NATURE IMMUNOLOGY*
  Zhang, F., Wei, K., Slowikowski, K., Fonseka, C. Y., Rao, D. A., Kelly, S., Goodman, S. M., Tabechian, D., Hughes, L. B., Salomon-Escoto, K., Watts, G. F. M., Jonsson, A., Rangel-Moreno, et al
  2019; 20 (7): 928-+

- **Histologic and Transcriptional Evidence of Subclinical Synovial Inflammation in Patients With Rheumatoid Arthritis in Clinical Remission** *ARTHRITIS & RHEUMATOLOGY*
  Orange, D. E., Agius, P., DiCarlo, E. F., Mirza, S. Z., Pannellini, T., Szymonifka, J., Jiang, C. S., Figgie, M. P., Frank, M. O., Robinson, W. H., Donlin, L. T., Rozo, C., Gravallese, et al
  2019; 71 (7): 1034–41

- **ASTHMA AND ELEVATION OF ANTI-CITRULLINATED PROTEIN ANTIBODIES PRIOR TO THE ONSET OF RHEUMATOID ARTHRITIS**
  Zaccardelli, A., Liu, X., Ford, J., Tedeschi, S., Cui, J., Lu, B., Chu, S., Schur, P., Speyer, C., Costenbader, K., Robinson, W., Sokolove, J., Camargo, et al
  BMJ PUBLISHING GROUP.2019: 642

- **ASSOCIATIONS OF BASELINE CLINICAL AND BIOMARKER FACTORS WITH SYMPTOMS AND FUTURE DEVELOPMENT OF CLINICALLY-APPARENT RHEUMATOID ARTHRITIS IN AN ACPA POSITIVE COHORT**
  Deane, K. D., Nagpal, S., Rao, N., Baribaud, F., Vratsanos, G., James, E. A., Buckner, J. H., Firestein, G. S., Boyle, D. L., Posso, S., Robinson, W. H., Moss, L. K., Barzideh, et al
  BMJ PUBLISHING GROUP.2019: 1105

- **Exogenous micro-RNA and antagomir modulate osteogenic gene expression in tenocytes** *EXPERIMENTAL CELL RESEARCH*
  Xiao, M., Iglinski-Benjamin, K. C., Sharpe, O., Robinson, W. H., Abrams, G. D.
  2019; 378 (2): 119–23

- **Platelet-Rich Plasma (PRP) from Older Males with Knee Osteoarthritis Depresses Chondrocyte Metabolism and Upregulates Inflammation.** *Journal of orthopaedic research : official publication of the Orthopaedic Research Society*
  O'Donnell, C., Migliore, E., Grandi, F. C., Koltsov, J., Lingampalli, N., Cisar, C., Indelli, P. F., Sebastiano, V., Robinson, W. H., Bhutani, N., Chu, C. R.
  2019

- **B cell checkpoints in autoimmune rheumatic diseases** *NATURE REVIEWS RHEUMATOLOGY*
  Rubin, S. J. S., Bloom, M. S., Robinson, W. H.
  2019; 15 (5): 303–15

- **B cell checkpoints in autoimmune rheumatic diseases.** *Nature reviews. Rheumatology*
  Rubin, S. J., Bloom, M. S., Robinson, W. H.
  2019

- **Latent autoimmunity across disease-specific boundaries in at-risk first-degree relatives of SLE and RA patients.** *EBioMedicine*
  James, J. A., Chen, H., Young, K. A., Bemis, E. A., Seifert, J., Bourn, R. L., Deane, K. D., Demoruelle, M. K., Feser, M., O'Dell, J. R., Weisman, M. H., Keating, R. M., Gaffney, et al
  2019

- **Latent autoimmunity across disease-specific boundaries in at-risk first-degree relatives of SLE and RA patients** *EBIOMEDICINE*
  James, J. A., Chen, H., Young, K. A., Bemis, E. A., Seifert, J., Bourn, R. L., Deane, K. D., Demoruelle, M., Feser, M., O'Dell, J. R., Weisman, M. H., Keating, R. M., Gaffney, et al
  2019; 42: 76–85

- **Affinity Maturation of the Anti-Citrullinated Protein Antibody Paratope Drives Epitope Spreading and Polyreactivity in Rheumatoid Arthritis** *ARTHRITIS & RHEUMATOLOGY*
  Kongpachith, S., Lingampalli, N., Ju, C., Blum, L. K., Lu, D. R., Elliott, S. E., Mao, R., Robinson, W. H.
  2019; 71 (4): 507–17

- **Discovery of Distinct Immune Phenotypes Using Machine Learning in Pulmonary Arterial Hypertension** *CIRCULATION RESEARCH*
  Sweatt, A. J., Hedlin, H. K., Balasubramanian, V., Hsi, A., Blum, L. K., Robinson, W. H., Haddad, F., Hickey, P. M., Condliffe, R., Lawrie, A., Nicolls, M. R., Rabinovitch, M., Khatri, et al
  2019; 124 (6): 904–19

- **Direct Diagnostic Tests for Lyme Disease** *CLINICAL INFECTIOUS DISEASES*
  Schutzer, S. E., Body, B. A., Boyle, J., Branson, B. M., Dattwyler, R. J., Fikrig, E., Gerald, N. J., Gomes-Solecki, M., Kintrup, M., Ledizet, M., Levin, A. E., Lewinski, M., Liotta, et al
  2019; 68 (6): 1052–57

- **Prefoldin 5 and Anti-prefoldin 5 Antibodies as Biomarkers for Uveitis in Ankylosing Spondylitis.** *Frontiers in immunology*
  Kwon, O. C., Lee, E. J., Lee, J. Y., Youn, J., Kim, T. H., Hong, S., Lee, C. K., Yoo, B., Robinson, W. H., Kim, Y. G.

2019; 10: 384

- **Exogenous Micro-RNA and Antagomir Modulate Osteogenic Gene Expression in Tenocytes.** *Experimental cell research*
  Xiao, M., Iglinski-Benjamin, K. C., Sharpe, O., Robinson, W. H., Abrams, G. D.
  2019
- **Prefoldin 5 and Anti-prefoldin 5 Antibodies as Biomarkers for Uveitis in Ankylosing Spondylitis** *FRONTIERS IN IMMUNOLOGY*
  Kwon, O., Lee, E., Lee, J., Youn, J., Kim, T., Hong, S., Lee, C., Yoo, B., Robinson, W. H., Kim, Y.
  2019; 10
- **Histologic and transcriptional evidence of subclinical synovial inflammation in rheumatoid arthritis patients in clinical remission.** *Arthritis & rheumatology (Hoboken, N.J.)*
  Orange, D. E., Agius, P., DiCarlo, E. F., Mirza, S., Pannellini, T., Szymonifka, J., Jiang, C. S., Figgie, M. P., Frank, M. O., Robinson, W. H., Donlin, L. T., Rozo, C., Gravallese, et al
  2019
- **PREFERENTIAL BINDING TO AN UNEXPECTED EPITOPE OF A CHIMERIC RECOMBINANT PROTEINASE 3 VARIANT BY ANTI-NEUTROPHIL CYTOPLASMIC ANTIBODIES**
  Thompson, G., Moura, M., Nelson, D., Fussner, L., Hummel, A., Jenne, D., Fervenza, F., Hoffman, G., Kallenberg, C., Langford, C., McCune, J., Merkel, P., Monach, et al
  OXFORD UNIV PRESS.2019
- **Affinity Maturation of the Anti-Citrullinated Protein Antibody Paratope Drives Epitope Spreading and Polyreactivity in Rheumatoid Arthritis.** *Arthritis & rheumatology (Hoboken, N.J.)*
  Kongpachith, S., Lingampalli, N., Ju, C., Blum, L. K., Lu, D. R., Elliott, S. E., Mao, R., Robinson, W. H.
  2019
- **A prospective study of the development of inflammatory arthritis in the family members of Indigenous North American people with rheumatoid arthritis.** *Arthritis & rheumatology (Hoboken, N.J.)*
  Tanner, S. n., Dufault, B. n., Smolik, I. n., Meng, X. n., Anaparti, V. n., Hitchon, C. n., Robinson, D. B., William, R. n., Sokolove, J. n., Lahey, L. n., Ferucci, E. D., El-Gabalawy, H. n.
  2019
- **Dysregulated integrin αVβ3 and CD47 signaling promotes joint inflammation, cartilage breakdown, and progression of osteoarthritis.** *JCI insight*
  Wang, Q. n., Onuma, K. n., Liu, C. n., Wong, H. n., Bloom, M. S., Elliott, E. E., Cao, R. R., Hu, N. n., Lingampalli, N. n., Sharpe, O. n., Zhao, X. n., Sohn, D. H., Lepus, et al
  2019; 4 (18)
- **Immunomodulatory receptors are differentially expressed in B and T cell subsets relevant to autoimmune disease.** *Clinical immunology (Orlando, Fla.)*
  Murphy, K. A., Bhamidiphati, K. n., Rubin, S. J., Kipp, L. n., Robinson, W. H., Lanz, T. V.
  2019: 108276
- **Fibroblast-like synovial cell production of extra domain A fibronectin associates with inflammation in osteoarthritis.** *BMC rheumatology*
  Kragstrup, T. W., Sohn, D. H., Lepus, C. M., Onuma, K., Wang, Q., Robinson, W. H., Sokolove, J.
  2019; 3: 46
- **Remote Activation of a Latent Epitope in an Autoantigen Decoded With Simulated B-Factors.** *Frontiers in immunology*
  Pang, Y., Casal Moura, M., Thompson, G. E., Nelson, D. R., Hummel, A. M., Jenne, D. E., Emerling, D., Volkmuth, W., Robinson, W. H., Specks, U.
  2019; 10: 2467
- **Autoantibodies to protein-arginine deiminase (PAD) 4 in rheumatoid arthritis: immunological and clinical significance, and potential for precision medicine.** *Expert review of clinical immunology*
  Martinez-Prat, L. n., Palterer, B. n., Vitiello, G. n., Parronchi, P. n., Robinson, W. H., Mahler, M. n.
  2019
- **Discovery of Distinct Immune Phenotypes Using Machine Learning in Pulmonary Arterial Hypertension.** *Circulation research*
  Sweatt, A. J., Hedlin, H. K., Balasubramanian, V. n., Hsi, A. n., Blum, L. K., Robinson, W. H., Haddad, F. n., Hickey, P. M., Condliffe, R. A., Lawrie, A. n., Nicolls, M. R., Rabinovitch, M. n., Khatri, et al
  2019

- **Paraneoplastic and Therapy-Related Immune Complications in Thymic Malignancies.** *Current treatment options in oncology*
  Lippner, E. A., Lewis, D. B., Robinson, W. H., Katsumoto, T. R.
  2019; 20 (7): 62

- **IgE-mediated mast cell activation promotes inflammation and cartilage destruction in osteoarthritis.** *eLife*
  Wang, Q. n., Lepus, C. M., Raghu, H. n., Reber, L. L., Tsai, M. M., Wong, H. H., von Kaeppler, E. n., Lingampalli, N. n., Bloom, M. S., Hu, N. n., Elliott, E. E., Oliviero, F. n., Punzi, et al
  2019; 8

- **Characterizing the BCR repertoire in immune-mediated diseases.** *Nature reviews. Rheumatology*
  Ramadoss, N. S., Robinson, W. H.
  2019

- **Higher C6 enzyme immunoassay index values correlate with a diagnosis of noncutaneous Lyme disease.** *Diagnostic microbiology and infectious disease*
  Nigrovic, L. E., Lipsett, S. C., Molins, C. R., Wormser, G. P., Bennett, J. E., Garro, A. C., Levas, M. N., Balamuth, F., Neville, D., Lingampalli, N., Robinson, W. H., Branda, J. A.
  2018

- **Affinity Maturation Drives Epitope Spreading and Generation of Proinflammatory Anti-Citrullinated Protein Antibodies in Rheumatoid Arthritis** *ARTHRITIS & RHEUMATOLOGY*
  Elliott, S. E., Kongpachith, S., Lingampalli, N., Adamska, J. Z., Cannon, B. J., Mao, R., Blum, L. K., Robinson, W. H.
  2018; 70 (12): 1946–58

- **T Cell-Dependent Affinity Maturation and Innate Immune Pathways Differentially Drive Autoreactive B Cell Responses in Rheumatoid Arthritis** *ARTHRITIS & RHEUMATOLOGY*
  Lu, D. R., McDavid, A. N., Kongpachith, S., Lingampalli, N., Glanville, J., Ju, C., Gottardo, R., Robinson, W. H.
  2018; 70 (11): 1732–44

- **Direct Diagnostic Tests for Lyme Disease.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*
  Schutzer, S. E., Body, B. A., Boyle, J., Branson, B. M., Dattwyler, R. J., Fikrig, E., Gerald, N. J., Gomes-Solecki, M., Kintrup, M., Ledizet, M., Levin, A. E., Lewinski, M., Liotta, et al
  2018

- **Combination of anti-citrullinated protein antibodies and rheumatoid factor is associated with increased systemic inflammatory mediators and more updates rapid progression from preclinical to clinical rheumatoid arthritis** *CLINICAL IMMUNOLOGY*
  Lingampalli, N., Sokolove, J., Lahey, L. J., Edison, J. D., Gilliland, W. R., Holers, V., Deane, K. D., Robinson, W. H.
  2018; 195: 119–26

- **Engineered DNA plasmid reduces immunity to dystrophin while improving muscle force in a model of gene therapy of Duchenne dystrophy** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
  Ho, P. P., Lahey, L. J., Mourkioti, F., Kraft, P. E., Filareto, A., Brandt, M., Magnusson, K. E. G., Finn, E. E., Chamberlain, J. S., Robinson, W. H., Blau, H. M., Steinman, L.
  2018; 115 (39): E9182–E9191

- **Engineered DNA plasmid reduces immunity to dystrophin while improving muscle force in a model of gene therapy of Duchenne dystrophy.** *Proceedings of the National Academy of Sciences of the United States of America*
  Ho, P. P., Lahey, L. J., Mourkioti, F., Kraft, P. E., Filareto, A., Brandt, M., Magnusson, K. E., Finn, E. E., Chamberlain, J. S., Robinson, W. H., Blau, H. M., Steinman, L.
  2018

- **Rheumatoid arthritis and the mucosal origins hypothesis: protection turns to destruction** *NATURE REVIEWS RHEUMATOLOGY*
  Holers, V., Demoruelle, M., Kuhn, K. A., Buckner, J. H., Robinson, W. H., Okamoto, Y., Norris, J. M., Deane, K. D.
  2018; 14 (9): 542–57

- **Characterization of Monoclonal Anti-PAD4 Autoantibodies from Rheumatoid Arthritis Patients: Functional Implications for Citrullination and Disease Progression**
  Gomez, A., Kongpachith, S., Lingampalli, N., Cisar, C., Robinson, W. H.
  WILEY.2018

- **Expanded Autoantibody Profiles Predict Treatment Response to Biologic Therapy in Rheumatoid Arthritis**

Mikuls, T. R., Bath, A., England, B. R., Duryee, M. J., Hunter, C. D., Kremer, J., Pappas, D. A., Robinson, W. H., Curtis, J. R., Thiele, G. M.
WILEY.2018

- **Histologic and Transcriptional Evidence of Subclinical Synovial Inflammation in Rheumatoid Arthritis Patients in Clinical Remission**
  Orange, D., Agius, P., DiCarlo, E. F., Mirza, S. Z., Rozo, C., Pannellini, T., Figgie, M. P., Robinson, W. H., Szymonifka, J., Bykerk, V. P., Donlin, L. T., Goodman, S. M.
  WILEY.2018

- **Antibody Repertoire Dynamics in Systemic Sclerosis after Myeloablative Autologous Hematopoietic Stem-Cell Transplantation or Cyclophosphamide Treatment**
  Adamska, J. Z., Crofford, L., Furst, D. E., Goldmuntz, E., Keyes-Elstein, L., Mayes, M. D., McSweeney, P., Nash, R., Pinckney, A., Welch, B., Sullivan, K., Robinson, W. H.
  WILEY.2018

- **Serum Cytokine and Chemokine Concentrations Predict Incident Cancer in US Veterans with Rheumatoid Arthritis**
  England, B. R., Sayles, H., Roul, P., Ganti, A., Sokolove, J., Robinson, W. H., Cannon, G. W., Sauer, B., Baker, J. F., Thiele, G. M., Mikuls, T. R.
  WILEY.2018

- **Characterization of Preferential Recognition of a Chimeric Recombinant Proteinase 3 Variant By Anti-Neutrophil Cytoplasmic Antibodies**
  Thompson, G., Moura, M., Nelson, D., Hummel, A., Jenne, D. E., Fervenza, F., Hoffman, G. S., Kallenberg, C. G. M., Langford, C., McCune, J. W., Merkel, P. A., Monach, P. A., Seo, et al
  WILEY.2018

- **Vertebral Compression Fractures and Antibodies to Citrullinated Vimentin in Established Rheumatoid Arthritis**
  Cheah, J., Carrino, J. A., Robinson, W. H., Orange, D., Szymonifka, J., Stein, E. M., Goodman, S. M.
  WILEY.2018

- **Rheumatoid Factor Peptide Expression By Quantitative Proteomics Delineates Responsive and Resistant Clones after Treatment of Early Rheumatoid Arthritis**
  Wang, J., Murray-Brown, W., Colella, A., Smith, M. D., Chataway, T., Walker, J., Robinson, W. H., Wechalekar, M. D., Gordon, T.
  WILEY.2018

- **Antibodies to Citrullinated Protein Antigens Are Associated with Risk of Cardiovascular Disease in Community-Dwelling Women: The Multi-Ethnic Study of Atherosclerosis**
  Hughes-Austin, J. M., Katz, R., Firestein, G. S., Criqui, M. H., Robinson, W. H., Ix, J. H.
  WILEY.2018

- **Plasmablast antibody repertoires in elderly influenza vaccine responders exhibit restricted diversity but increased breadth of binding across influenza strains** *CLINICAL IMMUNOLOGY*
  Ju, C., Blum, L. K., Kongpachith, S., Lingampalli, N., Mao, R., Brodin, P., Dekker, C. L., Davis, M. M., Robinson, W. H.
  2018; 193: 70–79

- **Robust B Cell Responses Predict Rapid Resolution of Lyme Disease** *FRONTIERS IN IMMUNOLOGY*
  Blum, L. K., Adamska, J. Z., Martin, D. S., Rebman, A. W., Elliott, S. E., Cao, R. R. L., Embers, M. E., Aucott, J. N., Soloski, M. J., Robinson, W. H.
  2018; 9

- **Robust B Cell Responses Predict Rapid Resolution of Lyme Disease.** *Frontiers in immunology*
  Blum, L. K., Adamska, J. Z., Martin, D. S., Rebman, A. W., Elliott, S. E., Cao, R. R., Embers, M. E., Aucott, J. N., Soloski, M. J., Robinson, W. H.
  2018; 9: 1634

- **Methods for high-dimensonal analysis of cells dissociated from cyropreserved synovial tissue** *ARTHRITIS RESEARCH & THERAPY*
  Donlin, L. T., Rao, D. A., Wei, K., Slowikowski, K., McGeachy, M. J., Turner, J. D., Meednu, N., Mizoguchi, F., Gutierrez-Arcelus, M., Lieb, D. J., Keegan, J., Muskat, K., Hillman, et al
  2018; 20: 139

- **Chemerin 156F, generated by chymase cleavage of prochemerin, is elevated in joint fluids of arthritis patients.** *Arthritis research & therapy*
  Zhao, L., Yamaguchi, Y., Ge, X., Robinson, W. H., Morser, J., Leung, L. L.
  2018; 20 (1): 132

- **Chemerin 156F, generated by chymase cleavage of prochemerin, is elevated in joint fluids of arthritis patients** *ARTHRITIS RESEARCH & THERAPY*

Zhao, L., Yamaguchi, Y., Ge, X., Robinson, W. H., Morser, J., Leung, L. L. K.
2018; 20

- **Increased somatic hypermutation in the immunoglobulin sequences of melanoma patients who have durable response to checkpoint inhibitor therapy**
  Ngan Nguyen, Mamchak, A., Severgnini, M., Williamson, K. S., Wu, X., Drabek, E. F., Manos, M., Chen, X., Tang, X., Amiri, Z., Carroll, C., Leung, Y., Kim, D., et al
  AMER ASSOC CANCER RESEARCH.2018
- **Mining the cancer immuno-responsome: The identification of functional antitumor antibodies from patients receiving checkpoint inhibitors**
  Baia, G., Manning-Bog, A., Scholz, A., DeFalco, J., Harbell, M., Zhang, D., Chu, F., Millare, B., Sumi, M., Zuno, P., Sapugay, J., Kim, D., Leung, et al
  AMER ASSOC CANCER RESEARCH.2018
- **Plasma adiponectin levels are associated with circulating inflammatory cytokines in autoantibody positive first-degree relatives of rheumatoid arthritis patients** *PLOS ONE*
  Hughes-Austin, J. M., Deane, K. D., Giles, J. T., Derber, L. A., Zerbe, G. O., Dabelea, D. M., Sokolove, J., Robinson, W. H., Holers, V., Norris, J. M.
  2018; 13 (6): e0199578
- **Affinity Maturation Drives Epitope Spreading and Generation of Pro-inflammatory Anti-Citrullinated Protein Antibodies in Rheumatoid Arthritis.** *Arthritis & rheumatology (Hoboken, N.J.)*
  Elliott, S. E., Kongpachith, S., Lingampalli, N., Adamska, J. Z., Cannon, B. J., Mao, R., Blum, L. K., Robinson, W. H.
  2018
- **T cell-dependent affinity maturation and innate immune pathways differentially drive autoreactive B cell responses in rheumatoid arthritis.** *Arthritis & rheumatology (Hoboken, N.J.)*
  Lu, D. R., McDavid, A. N., Kongpachith, S., Lingampalli, N., Glanville, J., Ju, C., Gottardo, R., Robinson, W. H.
  2018
- **Combination of anti-citrullinated protein antibodies and rheumatoid factor is associated with increased systemic inflammatory mediators and more rapid progression from preclinical to clinical rheumatoid arthritis.** *Clinical immunology (Orlando, Fla.)*
  Lingampalli, N., Sokolove, J., Lahey, L. J., Edison, J. D., Gilliland, W. R., Michael Holers, V., Deane, K. D., Robinson, W. H.
  2018
- **Impact on immune effectors of anti-tumor antibodies isolated from cancer patients.**
  Manning-Bog, A., Baia, G., Defalco, J., Aydin, I. T., Harbell, M. G., Zuno-Mitchell, P., Sapugay, J., Zhang, D., Chu, F., Millare, B., Scholz, A., Sumi, M., Fernandez, et al
  AMER SOC CLINICAL ONCOLOGY.2018
- **Revealing the specificity of regulatory T cells in murine autoimmune diabetes** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
  Spence, A., Purtha, W., Tam, J., Dong, S., Kim, Y., Ju, C., Sterling, T., Nakayama, M., Robinson, W. H., Bluestone, J. A., Anderson, M. S., Tang, Q.
  2018; 115 (20): 5265–70
- **Identification of Three Rheumatoid Arthritis Disease Subtypes by Machine Learning Integration of Synovial Histologic Features and RNA Sequencing Data** *ARTHRITIS & RHEUMATOLOGY*
  Orange, D. E., Agius, P., DiCarlo, E. F., Robine, N., Geiger, H., Szymonifka, J., McNamara, M., Cummings, R., Andersen, K. M., Mirza, S., Figgie, M., Ivashkiv, L. B., Pernis, et al
  2018; 70 (5): 690–701
- **Circulating plasmablasts are elevated and produce pathogenic anti-endothelial cell autoantibodies in idiopathic pulmonary arterial hypertension** *EUROPEAN JOURNAL OF IMMUNOLOGY*
  Blum, L. K., Cao, R. R. L., Sweatt, A. J., Bill, M., Lahey, L. J., Hsi, A. C., Lee, C. S., Kongpachith, S., Ju, C., Mao, R., Wong, H. H., Nicolls, M. R., Zamanian, et al
  2018; 48 (5): 874–84
- **Advances in Serodiagnostic Testing for Lyme Disease Are at Hand** *CLINICAL INFECTIOUS DISEASES*
  Branda, J. A., Body, B. A., Boyle, J., Branson, B. M., Dattwyler, R. J., Fikrig, E., Gerald, N. J., Gomes-Solecki, M., Kintrup, M., Ledizet, M., Levin, A. E., Lewinski, M., Liotta, et al
  2018; 66 (7): 1133–39
- **Antibody Responses to Citrullinated and Noncitrullinated Antigens in the Sputum of Subjects With Rheumatoid Arthritis and Subjects at Risk for Development of Rheumatoid Arthritis** *ARTHRITIS & RHEUMATOLOGY*

Demoruelle, M., Bowers, E., Lahey, L. J., Sokolove, J., Purmalek, M., Seto, N. L., Weisman, M. H., Norris, J. M., Kaplan, M. J., Holers, V., Robinson, W. H., Deane, K. D.
2018; 70 (4): 516–27

- **Response to comment on "Synovial fibroblast-neutrophil interactions promote pathogenic adaptive immunity in rheumatoid arthritis"** *SCIENCE IMMUNOLOGY*
  Carmona-Rivera, C., Bicker, K. L., Thompson, P. R., Buckner, J. H., Robinson, W. H., Fox, D. A., Kaplan, M. J.
  2018; 3 (21)

- **Plasmablast antibody repertoires in elderly influenza vaccine responders exhibit restricted diversity but increased breadth of binding across influenza strains.** *Clinical immunology (Orlando, Fla.)*
  Ju, C., Blum, L. K., Kongpachith, S., Lingampalli, N., Mao, R., Brodin, P., Dekker, C. L., Davis, M. M., Robinson, W. H.
  2018

- **Men and Women Differ in the Biochemical Composition of Platelet-Rich Plasma** *AMERICAN JOURNAL OF SPORTS MEDICINE*
  Xiong, G., Lingampalli, N., Koltsov, J. C. B., Leung, L. L., Bhutani, N., Robinson, W. H., Chu, C. R.
  2018; 46 (2): 409–19

- **Non-progressing cancer patients have persistent B cell responses expressing shared antibody paratopes that target public tumor antigens** *CLINICAL IMMUNOLOGY*
  DeFalco, J., Harbell, M., Manning-Bog, A., Baia, G., Scholz, A., Millare, B., Sumi, M., Zhang, D., Chu, F., Dowd, C., Zuno-Mitchell, P., Kim, D., Leung, et al
  2018; 187: 37–45

- **Identification of differentially expressed micro-RNA in rotator cuff tendinopathy** *MLTJ-MUSCLES LIGAMENTS AND TENDONS JOURNAL*
  Hall, K. E., Sarkissian, E. J., Sharpe, O., Robinson, W. H., Abrams, G. D.
  2018; 8 (1): 8–14

- **Circulating plasmablasts are elevated and produce pathogenic anti-endothelial cell autoantibodies in idiopathic pulmonary arterial hypertension.** *European journal of immunology*
  Blum, L. K., Cao, R. R., Sweatt, A. J., Bill, M. n., Lahey, L. J., Hsi, A. C., Lee, C. S., Kongpachith, S. n., Ju, C. H., Mao, R. n., Wong, H. H., Nicolls, M. R., Zamanian, et al
  2018

- **The tyrosine kinase inhibitor imatinib mesylate suppresses uric acid crystal-induced acute gouty arthritis in mice** *PLOS ONE*
  Reber, L. L., Starkl, P., Balbino, B., Sibilano, R., Gaudenzio, N., Rogalla, S., Sensarn, S., Kang, D., Raghu, H., Sokolove, J., Robinson, W. H., Contag, C. H., Tsai, et al
  2017; 12 (10): e0185704

- **Methods for Generating Multiple High-Dimensional Analyses of Cryopreserved Synovial Tissue Developed By the Accelerating Medicines Partnership RA/SLE Network**
  Rao, D., Donlin, L. T., Wei, K., Meednu, N., Turner, J., McGeachy, M. J., Mizoguchi, F., Keegan, J., Lederer, J., Gutierrez-Arcelus, M., Slowikowski, K., Muskat, K., Hillman, et al
  WILEY.2017

- **Enrichment of malondialdehyde-acetaldehyde antibody in the rheumatoid arthritis joint** *RHEUMATOLOGY*
  Mikuls, T. R., Duryee, M. J., Rahman, R., Anderson, D. R., Sayles, H. R., Hollins, A., Michaud, K., Wolfe, F., Thiele, G. E., Sokolove, J., Robinson, W. H., Lingampalli, N., Nicholas, et al
  2017; 56 (10): 1794–1803

- **Using Flow and Mass Cytometry to Demonstrate Robust Tissue Processing to Query Molecular Heterogeneity in Phase 1 of the Accelerating Medicines Partnership (AMP) - RA Network**
  Wei, K., Rao, D., Zhang, F., Fonseka, C., Slowikowski, K., Keegan, J., Donlin, L. T., Turner, J., McGeachy, M. J., Meednu, N., Lieb, D., Kelly, S., Goodman, et al
  WILEY.2017

- **Fibroblast-like Synovial Cell Production of ED-a Fibronectin Contributes to Inflammation in Osteoarthritis**
  Kragstrup, T., Sohn, D., Lepus, C., Onuma, K., Wang, Q., Robinson, W. H., Sokolove, J.
  WILEY.2017

- **Pharmacodynamic Analysis of Whole Blood Gene Expression over 2 Years in a Phase IIIb Head-to-Head Trial of Abatacept and Adalimumab in Patients with RA**

Jabado, O., Maldonado, M. A., Schiff, M., Weinblatt, M., Fleischmann, R., Robinson, W. H., Greenfield, A., Connolly, S. E.
WILEY.2017

- **STRATEGY FOR ANALYSIS OF DONOR-SPECIFIC ANTIBODY REPERTOIRE: PAIRED IMMUNOGLOBULIN HEAVY AND LIGHT CHAIN ANALYSIS OF INDIVIDUAL MEMORY B CELLS**
  Lucia, M., Gomez, A., Bestard, O., Robinson, W., Martinez, O.
  WILEY.2017: 103

- **Differential expression of hepatocyte growth factor in patients with systemic sclerosis-associated pulmonary arterial hypertension** *JOURNAL OF SCLERODERMA AND RELATED DISORDERS*
  Sung, Y. K., Zamanian, R. T., Wagner, C. A., Robinson, W., Steen, V., Chung, L.
  2017; 2 (3): 225–30

- **Human Leukocyte Antigen Shared Epitope and Inflammation, Cardiovascular Disease, Cancer, and Mortality Among Postmenopausal Women in the Women's Health Initiative Rheumatoid Arthritis Study** *AMERICAN JOURNAL OF EPIDEMIOLOGY*
  Talabi, M., Mackey, R. H., Kuller, L. H., Dorman, J. S., Deane, K. D., Robinson, W. H., Walitt, B. T., Chang, Y., Holers, V., Liu, S., Moreland, L. W.
  2017; 186 (2): 245–54

- **VP4-and VP7-specific antibodies mediate heterotypic immunity to rotavirus in humans** *SCIENCE TRANSLATIONAL MEDICINE*
  Nair, N., Feng, N., Blum, L. K., Sanyal, M., Ding, S., Jiang, B., Sen, A., Morton, J. M., He, X., Robinson, W. H., Greenberg, H. B.
  2017; 9 (395)

- **CCL2/CCR2, but not CCL5/CCR5, mediates monocyte recruitment, inflammation and cartilage destruction in osteoarthritis** *ANNALS OF THE RHEUMATIC DISEASES*
  Raghu, H., Lepus, C. M., Wang, Q., Wong, H. H., Lingampalli, N., Oliviero, F., Punzi, L., Giori, N. J., Goodman, S. B., Chu, C. R., Sokolove, J. B., Robinson, W. H.
  2017; 76 (5)

- **Nicotine drives neutrophil extracellular traps formation and accelerates collagen-induced arthritis** *RHEUMATOLOGY*
  Lee, J., Luria, A., Rhodes, C., Raghu, H., Lingampalli, N., Sharpe, O., Rada, B., Sohn, D. H., Robinson, W. H., Sokolove, J.
  2017; 56 (4): 644-653

- **Synovial fibroblast-neutrophil interactions promote pathogenic adaptive immunity in rheumatoid arthritis** *SCIENCE IMMUNOLOGY*
  Carmona-Rivera, C., Carlucci, P. M., Moore, E., Lingampalli, N., Uchtenhagen, H., James, E., Liu, Y., Bicker, K. L., Wahamaa, H., Hoffmann, V., Catrina, A., Thompson, P. R., Buckner, et al
  2017; 2 (10)

- **PKC-epsilon and TLR4 synergistically regulate resistin-mediated inflammation in human macrophages** *ATHEROSCLEROSIS*
  Zuniga, M. C., Raghuraman, G., Hitchner, E., Weyand, C., Robinson, W., Zhou, W.
  2017; 259: 51–59

- **Association of anti-citrullinated protein or peptide antibodies with left ventricular structure and function in rheumatoid arthritis** *RHEUMATOLOGY*
  Geraldino-Pardilla, L., Russo, C., Sokolove, J., Robinson, W. H., Zartoshti, A., Van Eyk, J., Fert-Bober, J., Lima, J., Giles, J. T., Bathon, J. M.
  2017; 56 (4): 534-540

- **Decreased Synovial Inflammation in Atraumatic Hip Microinstability Compared With Femoroacetabular Impingement.** *Arthroscopy*
  Abrams, G. D., Luria, A., Sampson, J., Madding, R. A., Robinson, W. H., Safran, M. R., Sokolove, J.
  2017; 33 (3): 553-558

- **ANTIBODIES TO A SUBSET OF CITRULLINATED PEPTIDE ANTIGENS CORRELATE WITH NEUTROPHIL EXTRACELLULAR TRAP LEVELS IN THE SPUTUM OF SUBJECTS AT-RISK FOR FUTURE RA**
  Demoruelle, M., Purmalek, M., Seto, N. L., Bowers, E., Norris, J. M., Holers, V., Robinson, W. H., Kaplan, M. J., Deane, K. D.
  BMJ PUBLISHING GROUP.2017: A93–A94

- **PAD4 Inhibition is Sufficient for the Amelioration of Collagen-Induced Arthritis.** *Clinical and experimental immunology*
  Willis, V. C., Banda, N. K., Cordova, K. N., Chandra, P. E., Robinson, W. H., Cooper, D. C., Lugo, D., Mehta, G., Taylor, S., Tak, P. P., Prinjha, R. K., Lewis, H. D., Holers, et al
  2017

- **Identification of KRT16 as a target of an autoantibody response in complex regional pain syndrome** *EXPERIMENTAL NEUROLOGY*

Tajerian, M., Hung, V., Khan, H., Lahey, L. J., Sun, Y., Birklein, F., Kraemer, H. H., Robinson, W. H., Kingery, W. S., Clark, J. D.
2017; 287: 14-20

- **Upregulation of HERV-K is Linked to Immunity and Inflammation in Pulmonary Arterial Hypertension.** *Circulation*
  Saito, T. n., Miyagawa, K. n., Chen, S. Y., Tamosiuniene, R. n., Wang, L. n., Sharp, O. n., Samayoa, E. n., Harada, D. n., Moonen, J. A., Cao, A. n., Chen, P. I., Hennigs, J. K., Gu, et al
  2017
- **Association of Antibodies to Citrullinated Protein Antigens with Blood Pressure in First-Degree Relatives of Rheumatoid Arthritis Patients: The Studies of the Etiology of Rheumatoid Arthritis** *AMERICAN JOURNAL OF NEPHROLOGY*
  Hughes-Austin, J. M., Gan, R. W., Deane, K. D., Weisman, M. H., Demoruelle, M., Sokolove, J., Robinson, W. H., Holers, V., Norris, J. M., Ix, J. H.
  2017; 46 (6): 481–87
- **Nicotine drives neutrophil extracellular traps formation and accelerates collagen-induced arthritis.** *Rheumatology (Oxford, England)*
  Lee, J., Luria, A., Rhodes, C., Raghu, H., Lingampalli, N., Sharpe, O., Rada, B., Sohn, D. H., Robinson, W. H., Sokolove, J.
  2016
- **Association of anti-citrullinated protein or peptide antibodies with left ventricular structure and function in rheumatoid arthritis.** *Rheumatology (Oxford, England)*
  Geraldino-Pardilla, L., Russo, C., Sokolove, J., Robinson, W. H., Zartoshti, A., Van Eyk, J., Fert-Bober, J., Lima, J., Giles, J. T., Bathon, J. M.
  2016
- **CCL2/CCR2, but not CCL5/CCR5, mediates monocyte recruitment, inflammation and cartilage destruction in osteoarthritis.** *Annals of the rheumatic diseases*
  Raghu, H., Lepus, C. M., Wang, Q., Wong, H. H., Lingampalli, N., Oliviero, F., Punzi, L., Giori, N. J., Goodman, S. B., Chu, C. R., Sokolove, J. B., Robinson, W. H.
  2016
- **Identification of KRT16 as a target of an autoantibody response in complex regional pain syndrome.** *Experimental neurology*
  Tajerian, M., Hung, V., Khan, H., Lahey, L. J., Sun, Y., Birklein, F., Krämer, H. H., Robinson, W. H., Kingery, W. S., Clark, J. D.
  2016; 287: 14-20
- **Low-grade inflammation as a key mediator of the pathogenesis of osteoarthritis.** *Nature reviews. Rheumatology*
  Robinson, W. H., Lepus, C. M., Wang, Q., Raghu, H., Mao, R., Lindstrom, T. M., Sokolove, J.
  2016; 12 (10): 580-592
- **Single cell cloning and recombinant monoclonal antibodies generation from RA synovial B cells reveal frequent targeting of citrullinated histones of NETs** *ANNALS OF THE RHEUMATIC DISEASES*
  Corsiero, E., Bombardieri, M., Carlotti, E., Pratesi, F., Robinson, W., Migliorini, P., Pitzalis, C.
  2016; 75 (10): 1866–75
- **Sputum Antibodies to Individual Citrullinated Protein/Peptide Antigens Are Elevated in Subjects at-Risk of Future RA and Subjects with Established Disease**
  Bowers, E., Demoruelle, M., Weisman, M., Norris, J. M., Robinson, W. H., Holers, V., Deane, K. D.
  WILEY.2016
- **Associations of Serum Anti-Citrullinated Proteins and Cytokines with Radiographic Scores in African-American Rheumatoid Arthritis Patients**
  Sun, D., Robinson, W. H., Cui, X., Laufer, V. A., Danila, M. I., Reynolds, R. J., Raman, C., Ledbetter, S., Szalai, A., Bridges, S.
  WILEY.2016
- **Anti-Periodontal Bacteria Antibody Titers Are Inversely Correlated with ACPA in RA-Free Individuals with Periodontal Disease Compared to Community Controls**
  Weeding, E., Robinson, L., Sokolove, J., Marchesan, J., Offenbacher, S., Robinson, W. H., Demmer, R., Michalowicz, B., Molitor, J. A.
  WILEY.2016
- **Synovial Fibroblast-Neutrophil Interactions Promote Pathogenic Adaptive Immunity in Rheumatoid Arthritis**
  Carmona-Rivera, C., Moore, E., Lingampalli, N., Uchtenhagen, H., James, E., Bicker, K. L., Wahamaa, H., Hoffmann, V., Catrina, A. I., Thompson, P., Buckner, J. H., Robinson, W., Fox, et al
  WILEY.2016

- **Autoimmunity to Multiple Antigens Is Expanded in at-Risk Family Members Beyond the Disease Specific Patterns of the SLE or RA Proband**
  James, J. A., Bean, K. M., Chen, H., Young, K. A., Bemis, E. A., Seifert, J., Sargent, M., Deane, K. D., Robinson, B., Hafler, D. A., O'Conner, K., Buckner, J. H., Guthridge, et al
  WILEY.2016

- **Oral Health and Anti-Citrullinated Peptide Antibodies in Juvenile Idiopathic Arthritis**
  Grevich, S., Lee, P., Ringold, S., Leroux, B., Leahey, H., Yuasa, M., Foster, J., Sokolove, J., Lahey, L., Robinson, W., Newson, J., Stevens, A.
  WILEY.2016

- **Association of Anti-Citrullinated Peptide Antibodies with Coronary Artery Calcification in Rheumatoid Arthritis.** *Arthritis care & research*
  Geraldino-Pardilla, L., Giles, J. T., Sokolove, J., Zartoshti, A., Robinson, W. H., Budoff, M., Detrano, R., Bokhari, S., Bathon, J. M.
  2016

- **Associations of Circulating Cytokines and Chemokines With Cancer Mortality in Men With Rheumatoid Arthritis** *ARTHRITIS & RHEUMATOLOGY*
  England, B. R., Sokolove, J., Robinson, W. H., Thiele, G. M., Ganti, A. K., Sayles, H., Michaud, K., Caplan, L., Davis, L. A., Cannon, G. W., Sauer, B., Singh, N., Solow, et al
  2016; 68 (10): 2394-2402

- **Increased pretreatment serum IFN-/ ratio predicts non-response to tumour necrosis factor inhibition in rheumatoid arthritis** *ANNALS OF THE RHEUMATIC DISEASES*
  Muskardin, T. W., Vashisht, P., Dorschner, J. M., Jensen, M. A., Chrabot, B. S., Kern, M., Curtis, J. R., Danila, M. I., Cofield, S. S., Shadick, N., Nigrovic, P. A., St Clair, E. W., Bingham, et al
  2016; 75 (10): 1757-1762

- **Elevated IgA Plasmablast Levels in Subjects at Risk of Developing Rheumatoid Arthritis.** *Arthritis & rheumatology*
  Kinslow, J. D., Blum, L. K., Deane, K. D., Demoruelle, M. K., Okamoto, Y., Parish, M. C., Kongpachith, S., Lahey, L. J., Norris, J. M., Robinson, W. H., Holers, V. M.
  2016; 68 (10): 2372-2383

- **Associations of Circulating Cytokines and Chemokines With Cancer Mortality in Men With Rheumatoid Arthritis.** *Arthritis & rheumatology*
  England, B. R., Sokolove, J., Robinson, W. H., Thiele, G. M., Ganti, A. K., Sayles, H., Michaud, K., Caplan, L., Davis, L. A., Cannon, G. W., Sauer, B., Singh, N., Blair Solow, et al
  2016; 68 (10): 2394-2402

- **Elevated BMI and antibodies to citrullinated proteins interact to increase rheumatoid arthritis risk and shorten time to diagnosis: A nested case-control study of women in the Nurses' Health Studies.** *Seminars in arthritis and rheumatism*
  Tedeschi, S. K., Cui, J., Arkema, E. V., Robinson, W. H., Sokolove, J., Lingampalli, N., Sparks, J. A., Karlson, E. W., Costenbader, K. H.
  2016

- **CCL19 as a Chemokine Risk Factor for Posttreatment Lyme Disease Syndrome: a Prospective Clinical Cohort Study.** *Clinical and vaccine immunology*
  Aucott, J. N., Soloski, M. J., Rebman, A. W., Crowder, L. A., Lahey, L. J., Wagner, C. A., Robinson, W. H., Bechtold, K. T.
  2016; 23 (9): 757-766

- **Fractional Third and Fourth Dose of RTS,S/AS01 Malaria Candidate Vaccine: A Phase 2a Controlled Human Malaria Parasite Infection and Immunogenicity Study** *JOURNAL OF INFECTIOUS DISEASES*
  Regules, J. A., Cicatelli, S. B., Bennett, J. W., Paolino, K. M., Twomey, P. S., Moon, J. E., Kathcart, A. K., Hauns, K. D., Komisar, J. L., Qabar, A. N., Davidson, S. A., Dutta, S., Griffith, et al
  2016; 214 (5): 762-771

- **Increased inflammation and disease activity among current cigarette smokers with rheumatoid arthritis: a cross-sectional analysis of US veterans.** *Rheumatology*
  Sokolove, J., Wagner, C. A., Lahey, L. J., Sayles, H., Duryee, M. J., Reimold, A. M., Kerr, G., Robinson, W. H., Cannon, G. W., Thiele, G. M., Mikuls, T. R.
  2016: -?

- **Quality of Life and Performance Status From a Substudy Conducted Within a Prospective Phase 3 Randomized Trial of Concurrent Standard Radiation Versus Accelerated Radiation Plus Cisplatin for Locally Advanced Head and Neck Carcinoma: NRG Oncology RTOG 0129.** *International journal of radiation oncology, biology, physics*

Xiao, C., Zhang, Q., Nguyen-Tân, P. F., List, M., Weber, R. S., Ang, K. K., Rosenthal, D., Filion, E. J., Kim, H., Silverman, C., Raben, A., Galloway, T., Fortin, et al
2016

- **Proceedings of the 2016 Childhood Arthritis and Rheumatology Research Alliance (CARRA) Scientific Meeting : Toronto, Canada. 14-17 April 2016.** *Pediatric rheumatology online journal*
  Fotis, L., Shaikh, N., Baszis, K., French, A., Tarr, P., Grevich, S., Lee, P., Ringold, S., Leroux, B., Leahey, H., Yuasa, M., Foster, J., Sokolove, et al
  2016; 14 Suppl 1 (Suppl 1): 41
- **B cell depletion with rituximab in patients with rheumatoid arthritis: Multiplex bead array reveals the kinetics of IgG and IgA antibodies to citrullinated antigens** *JOURNAL OF AUTOIMMUNITY*
  Cambridge, G., Leandro, M. J., Lahey, L. J., Fairhead, T., Robinson, W. H., Sokolove, J.
  2016; 70: 22-30
- **Association of synovial inflammation and inflammatory mediators with glenohumeral rotator cuff pathology** *JOURNAL OF SHOULDER AND ELBOW SURGERY*
  Abrams, G. D., Luria, A., Carr, R. A., Rhodes, C., Robinson, W. H., Sokolove, J.
  2016; 25 (6): 989-997
- **Expanded IgG lineages from antibody repertoires of melanoma patients to reveal anti-tumor antibodies.**
  Minor, D. R., Defalco, J., Harbell, M., Scholz, A., Manning-Bog, A., Sokolove, J., Robinson, W. H., Emerling, D.
  AMER SOC CLINICAL ONCOLOGY.2016
- **Complement component C1q limits osteoarthritis pathology by regulating macrophage activation**
  Raghu, H., Lingampalli, N., Wang, Q., Wong, H., Lepus, C., Mao, R., Robinson, W. H.
  AMER ASSOC IMMUNOLOGISTS.2016
- **Use of a MCL-1 inhibitor alone to de-bulk melanoma and in combination to kill melanoma initiating cells.** *Oncotarget*
  Mukherjee, N., Lu, Y., Almeida, A., Lambert, K., Shiau, C., Su, J., Luo, Y., Fujita, M., Robinson, W. A., Robinson, S. E., Norris, D. A., Shellman, Y. G.
  2016
- **Impact of baseline anti-cyclic citrullinated peptide-2 antibody concentration on efficacy outcomes following treatment with subcutaneous abatacept or adalimumab: 2-year results from the AMPLE trial** *ANNALS OF THE RHEUMATIC DISEASES*
  Sokolove, J., Schiff, M., Fleischmann, R., Weinblatt, M. E., Connolly, S. E., Johnsen, A., Zhu, J., Maldonado, M. A., Patel, S., Robinson, W. H.
  2016; 75 (4): 709-714
- **Anti-Insulin Immune Responses Are Detectable in Dogs with Spontaneous Diabetes** *PLOS ONE*
  Kim, J., Furrow, E., Ritt, M. G., Utz, P. J., Robinson, W. H., Yu, L., Eckert, A., Stuebner, K., O'Brien, T. D., Steinman, L., Modiano, J. F.
  2016; 11 (3)
- **The interleukin-20 receptor axis in early rheumatoid arthritis: novel links between disease-associated autoantibodies and radiographic progression** *ARTHRITIS RESEARCH & THERAPY*
  Kragstrup, T. W., Greisen, S. R., Nielsen, M. A., Rhodes, C., Stengaard-Pedersen, K., Hetland, M. L., Horslev-Petersen, K., Junker, P., Ostergaard, M., Hvid, M., Vorup-Jensen, T., Robinson, W. H., Sokolove, et al
  2016; 18
- **Biomarkers to guide clinical therapeutics in rheumatology?** *CURRENT OPINION IN RHEUMATOLOGY*
  Robinson, W. H., Mao, R.
  2016; 28 (2): 168-175
- **Multiplexed autoantigen microarrays identify HLA as a key driver of anti-desmoglein and -non-desmoglein reactivities in pemphigus** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
  Sajda, T., Hazelton, J., Patel, M., Seiffert-Sinha, K., Steinman, L., Robinson, W., Haab, B. B., Sinha, A. A.
  2016; 113 (7): 1859-1864
- **Identification of Candidate Tolerogenic CD8(+) T Cell Epitopes for Therapy of Type 1 Diabetes in the NOD Mouse Model.** *Journal of diabetes research*
  Yu, C., Burns, J. C., Robinson, W. H., Utz, P. J., Ho, P. P., Steinman, L., Frey, A. B.
  2016; 2016: 9083103-?
- **Development of a Multiantigen Panel for Improved Detection of Borrelia burgdorferi Infection in Early Lyme Disease** *JOURNAL OF CLINICAL MICROBIOLOGY*

Lahey, L. J., Panas, M. W., Mao, R., Delanoy, M., Flanagan, J. J., Binder, S. R., Rebman, A. W., Montoya, J. G., Soloski, M. J., Steere, A. C., Dattwyler, R. J., Arnaboldi, P. M., Aucott, et al

2015; 53 (12): 3834-3841

- **Development of a Multiantigen Panel for Improved Detection of Borrelia burgdorferi Infection in Early Lyme Disease.** *Journal of clinical microbiology*

  Lahey, L. J., Panas, M. W., Mao, R., Delanoy, M., Flanagan, J. J., Binder, S. R., Rebman, A. W., Montoya, J. G., Soloski, M. J., Steere, A. C., Dattwyler, R. J., Arnaboldi, P. M., Aucott, et al

  2015; 53 (12): 3834-41

- **Absence of keratin 8 or 18 promotes antimitochondrial autoantibody formation in aging male mice** *FASEB JOURNAL*

  Toivola, D. M., Habtezion, A., Misiorek, J. O., Zhang, L., Nystrom, J. H., Sharpe, O., Robinson, W. H., Kwan, R., Omary, M. B.

  2015; 29 (12): 5081-5089

- **Local Joint Inflammation and Histone Citrullination in a Murine Model of the Transition From Preclinical Autoimmunity to Inflammatory Arthritis** *ARTHRITIS & RHEUMATOLOGY*

  Sohn, D. H., Rhodes, C., Onuma, K., Zhao, X., Sharpe, O., Gazitt, T., Shiao, R., Fert-Bober, J., Cheng, D., Lahey, L. J., Wong, H. H., Van Eyk, J., Robinson, et al

  2015; 67 (11): 2877-2887

- **DECADE IN REVIEW-TECHNOLOGY Technological advances transforming rheumatology** *NATURE REVIEWS RHEUMATOLOGY*

  Robinson, W. H., Mao, R.

  2015; 11 (11): 626–U14

- **Circulating Cytokine/Chemokine Concentrations Predict Cancer Mortality in Men with Rheumatoid Arthritis**

  England, B. R., Sokolove, J., Robinson, W. H., Thiele, G. M., Ganti, A. K., Sayles, H., Michaud, K., Caplan, L., Davis, L. A., Cannon, G. W., Sauer, B., Solow, E., Reimold, et al

  WILEY-BLACKWELL.2015

- **The IL-20 Receptor Axis in Early Rheumatoid Arthritis: Novel Inflammation-Independent Links Between Autoantibody Positivity and Radiographic Progression**

  Kragstrup, T., Greisen, S., Nielsen, M., Rhodes, C., Stengaard-Pedersen, K., Hetland, M., Horslev-Petersen, K., Junker, P., Ostergaard, M., Hvid, M., Vorup-Jensen, T., Robinson, W. H., Sokolove, et al

  WILEY-BLACKWELL.2015

- **Associations of Serum Anti-Malondialdehyde-Acetaldehyde (MAA) Antibodies with Cardiovascular and Respiratory Mortality in Men with Rheumatoid Arthritis**

  England, B. R., Thiele, G. M., Duryee, M. J., Klassen, L., Sokolove, J., Robinson, W. H., Anderson, D., Sayles, H., Michaud, K., Caplan, L., Davis, L. A., Cannon, G. W., Sauer, et al

  WILEY-BLACKWELL.2015

- **B Cell Depletion with Rituximab in Patients with Rheumatoid Arthritis: Multiplex Bead Array Reveals Kinetics of IgG and IgA Autoantibodies to Citrullinated Antigens**

  Cambridge, G., Lahey, L. J., Leandro, M. J., Robinson, W. H., Sokolove, J.

  WILEY-BLACKWELL.2015

- **Increased IgA Plasmablasts Are Associated with Rheumatoid Arthritis-Related Autoantibodies in the Absence of Inflammatory Arthritis**

  Kinslow, J., Blum, L., Deane, K. D., Demoruelle, K., Parish, M. C., Kongpachith, S., Lahey, L. J., Norris, J. M., Robinson, W. H., Holers, V.

  WILEY-BLACKWELL.2015

- **A Distinct Class of Antibodies May Be an Indicator of Gray Matter Autoimmunity in Early and Established Relapsing Remitting Multiple Sclerosis Patients** *ASN NEURO*

  Ligocki, A. J., Rivas, J. R., Rounds, W. H., Guzman, A. A., Li, M., Spadaro, M., Lahey, L., Chen, D., Henson, P. M., Graves, D., Greenberg, B. M., Frohman, E. M., Ward, et al

  2015; 7 (5)

- **Rheumatoid Arthritis, Anti-Cyclic Citrullinated Peptide Positivity, and Cardiovascular Disease Risk in the Women's Health Initiative.** *Arthritis & rheumatology (Hoboken, N.J.)*

  Mackey, R. H., Kuller, L. H., Deane, K. D., Walitt, B. T., Chang, Y. F., Holers, V. M., Robinson, W. H., Tracy, R. P., Hlatky, M. A., Eaton, C. B., Liu, S., Freiberg, M. S., Talabi, et al

  2015; 67 (9): 2311-22

- **Rheumatoid Arthritis, Anti-Cyclic Citrullinated Peptide Positivity, and Cardiovascular Disease Risk in the Women's Health Initiative** *ARTHRITIS & RHEUMATOLOGY*
  Mackey, R. H., Kuller, L. H., Deane, K. D., Walitt, B. T., Chang, Y., Holers, V. M., Robinson, W. H., Tracy, R. P., Hlatky, M. A., Eaton, C. B., Liu, S., Freiberg, M. S., Talabi, et al
  2015; 67 (9): 2311-2322

- **Vascular calcifications on hand radiographs in rheumatoid arthritis and associations with autoantibodies, cardiovascular risk factors and mortality** *RHEUMATOLOGY*
  Solow, E. B., Yu, F., Thiele, G. M., Sokolove, J., Robinson, W. H., Pruhs, Z. M., Michaud, K. D., Erickson, A. R., Sayles, H., Kerr, G. S., Gaffo, A. L., Caplan, L., Davis, et al
  2015; 54 (9): 1587-1595

- **Mass cytometry analysis shows that a novel memory phenotype B cell is expanded in multiple myeloma.** *Cancer immunology research*
  Hansmann, L., Blum, L., Ju, C., Liedtke, M., Robinson, W. H., Davis, M. M.
  2015; 3 (6): 650-660

- **Mass Cytometry Analysis Shows That a Novel Memory Phenotype B Cell Is Expanded in Multiple Myeloma** *CANCER IMMUNOLOGY RESEARCH*
  Hansmann, L., Blum, L., Ju, C., Liedtke, M., Robinson, W. H., Davis, M. M.
  2015; 3 (6): 650-660

- **CD11c-mediated deletion of Flip promotes autoreactivity and inflammatory arthritis** *NATURE COMMUNICATIONS*
  Huang, Q., Perlman, H., Birkett, R., Doyle, R., Fang, D., Haines, G. K., Robinson, W., Datta, S., Huang, Z., Li, Q., Phee, H., Pope, R. M.
  2015; 6

- **Large-scale sequencing of antibody responses to Borrelia burgdorferi infection**
  Blum, L., Lahey, L., Kongpachith, S., Ju, C., Aucott, J., Soloski, M., Robinson, W.
  AMER ASSOC IMMUNOLOGISTS.2015

- **Malondialdehyde-Acetaldehyde Adducts and Anti-Malondialdehyde-Acetaldehyde Antibodies in Rheumatoid Arthritis** *ARTHRITIS & RHEUMATOLOGY*
  Thiele, G. M., Duryee, M. J., Anderson, D. R., Klassen, L. W., Mohring, S. M., Young, K. A., Benissan-Messan, D., Sayles, H., Dusad, A., Hunter, C. D., Sokolove, J., Robinson, W. H., O'Dell, et al
  2015; 67 (3): 645-655

- **Sequencing the functional antibody repertoire-diagnostic and therapeutic discovery** *NATURE REVIEWS RHEUMATOLOGY*
  Robinson, W. H.
  2015; 11 (3): 171-182

- **Identification of anticitrullinated protein antibody reactivities in a subset of anti-CCP-negative rheumatoid arthritis: association with cigarette smoking and HLA-DRB1 'shared epitope' alleles.** *Annals of the rheumatic diseases*
  Wagner, C. A., Sokolove, J., Lahey, L. J., Bengtsson, C., Saevarsdottir, S., Alfredsson, L., Delanoy, M., Lindstrom, T. M., Walker, R. P., Bromberg, R., Chandra, P. E., Binder, S. R., Klareskog, et al
  2015; 74 (3): 579-586

- **Associations of toll-like receptor (TLR)-4 single nucleotide polymorphisms and rheumatoid arthritis disease progression: An observational cohort study** *INTERNATIONAL IMMUNOPHARMACOLOGY*
  Davis, M. L., LeVan, T. D., Yu, F., Sayles, H., Sokolove, J., Robinson, W., Michaud, K., Thiele, G. M., Mikuls, T. R.
  2015; 24 (2): 346-352

- **Alveolar Bone Loss Is Associated With Circulating Anti-Citrullinated Protein Antibody (ACPA) in Patients With Rheumatoid Arthritis** *JOURNAL OF PERIODONTOLOGY*
  Gonzalez, S. M., Payne, J. B., Yu, F., Thiele, G. M., Erickson, A. R., Johnson, P. G., Schmid, M. J., Cannon, G. W., Kerr, G. S., Reimold, A. M., Sokolove, J., Robinson, W. H., Mikuls, et al
  2015; 86 (2): 222-231

- **The interleukin-20 receptor axis in early rheumatoid arthritis: novel links between disease-associated autoantibodies and radiographic progression.** *Arthritis research & therapy*
  Kragstrup, T. W., Greisen, S. R., Nielsen, M. A., Rhodes, C., Stengaard-Pedersen, K., Hetland, M. L., Hørslev-Petersen, K., Junker, P., Østergaard, M., Hvid, M., Vorup-Jensen, T., Robinson, W. H., Sokolove, et al
  2015; 18: 61-?

- **Contribution of Mast Cell-Derived Interleukin-1 beta to Uric Acid Crystal-Induced Acute Arthritis in Mice** *ARTHRITIS & RHEUMATOLOGY*
  Reber, L. L., Marichal, T., Sokolove, J., Starkl, P., Gaudenzio, N., Iwakura, Y., Karasuyama, H., Schwartz, L. B., Robinson, W. H., Tsai, M., Galli, S. J.
  2014; 66 (10): 2881-2891

- **Smoking Status Is Associated with Inflammatory Cytokine Profile and Disease Activity: Decreased Inflammation and Disease Improvement with Smoking Cessation?**
  Sokolove, J., Sayles, H., Wagner, C., Lahey, L. J., Thiele, G. M., Robinson, W. H., Reimold, A., Kerr, G. S., Cannon, G. W., Mikuls, T. R.
  WILEY-BLACKWELL.2014: S146

- **The Association of Fine Specificities of Anti-Citrullinated Protein Antibodies (ACPA) with disease Severity in African-Americans with RA.**
  Danila, M. I., Reynolds, R., Wu, G., Tiwari, H., Robinson, W. H., Sokolove, J., Bridges, S., CLEAR Investigators
  WILEY-BLACKWELL.2014: S192–S193

- **The Use of Multiplex Bead Array to Follow the Effect of Rituximab on IgG and IgA Serum Autoantibody Responses to Citrullinated Epitopes in Patients with Rheumatoid Arthritis.**
  Cambridge, G., Lahey, L. J., Leandro, M. J., Robinson, W. H., Sokolove, J.
  WILEY-BLACKWELL.2014: S193

- **In a Periodontal Disease Cohort without RA, Indeterminate or Low-Positive Anti-CCP-2 Antibodies Are Associated with Multiple Distinct ACPA.**
  Molitor, J. A., Michalowicz, B. S., Demmer, R. T., Buckner, J. H., Wener, M. H., Robinson, W. H.
  WILEY-BLACKWELL.2014: S193–S194

- **Netosis Induced Histone Citrullination Facilitates Onset and Propagation of Rheumatoid Arthritis.**
  Sohn, D., Onuma, K., Rhodes, C., Zhao, X., Gazitt, T., Shiao, R., Bober, J., Cheng, D., Lahey, L. J., Wong, H., van Eyk, J., Robinson, W. H., Sokolove, et al
  WILEY-BLACKWELL.2014: S357–S358

- **Vascular Calcifications on Hand and Wrist Radiographs Are Associated with Cardiovascular Risk Factors, Antigen-Specific Anti-Citrullinated Protein Antibodies, and Mortality in Rheumatoid Arthritis.**
  Solow, E., Yu, F., Thiele, G. M., Sokolove, J., Robinson, W. H., Pruhs, Z. M., Michaud, K., Erickson, A. R., Sayles, H., Kerr, G. S., Gaffo, A. L., Caplan, L., Davis, et al
  WILEY-BLACKWELL.2014: S370–S371

- **Malondialdehyde-Acetaldehyde Adducts (MAA) and Anti-Malondialdehyde-Acetaldehyde Antibody in Rheumatoid Arthritis**
  Thiele, G., Duryee, M. J., Anderson, D., Klassen, L. W., Mohring, S., Young, K., Benissan-Messan, D., Sayles, H., Sokolove, J., Robinson, W. H., Dell, J., Nicholas, A., Mikuls, et al
  WILEY-BLACKWELL.2014: S646

- **A Dose Response Relationship Between Shared Epitope and ACPA Level: But Not All SE Alleles Are Created Equal.**
  Sokolove, J., Lahey, L. J., Wagner, C., Smolik, I., Robinson, D. B., Ferucci, E. D., Newkirk, M., Fritzler, M., Robinson, W. H., El-Gabalawy, H.
  WILEY-BLACKWELL.2014: S649

- **Antibodies to Citrullinated Clusterin, Filaggrin, Vimentin, and Fibrinogen Are Associated with Blood Pressure in First-Degree Relatives of Rheumatoid Arthritis Patients: The Studies of the Etiology of Rheumatoid Arthritis.**
  Hughes-Austin, J. M., Gan, R. W., Deane, K. D., Gregersen, P. K., Weisman, M. H., Ix, J. H., Sokolove, J., Robinson, W. H., Holers, V., Norris, J. M.
  WILEY-BLACKWELL.2014: S886–S887

- **Associations of Toll-like Receptor (TLR)-4 Single Nucleotide Polymorphisms and Rheumatoid Arthritis Disease Progression.**
  Davis, M., LeVan, T., Yu, F., Sayles, H., Sokolove, J., Robinson, W. H., Michaud, K., Thiele, G. M., Mikuls, T. R.
  WILEY-BLACKWELL.2014: S1071

- **Flip Deficiency in Dendritic Cells Promotes Spontaneous Arthritis Mediated By Reduced Treg and Increased Autoreactive CD4(+) t Cells.**
  Huang, Q., Perlman, H. R., Birkett, R., Doyle, R. E., Fang, D., Haines, G., Robinson, W. H., Datta, S. K., Phee, H., Pope, R. M.
  WILEY-BLACKWELL.2014: S1271

- **Role of protein phosphatase magnesium-dependent 1A and anti-protein phosphatase magnesium-dependent 1A autoantibodies in ankylosing spondylitis.** *Arthritis & rheumatology (Hoboken, N.J.)*
  Kim, Y. G., Sohn, D. H., Zhao, X., Sokolove, J., Lindstrom, T. M., Yoo, B., Lee, C. K., Reveille, J. D., Taurog, J. D., Robinson, W. H.
  2014; 66 (10): 2793-2803

- **Barcode-enabled sequencing of plasmablast antibody repertoires in rheumatoid arthritis.** *Arthritis & rheumatology*
  Tan, Y., Kongpachith, S., Blum, L. K., Ju, C., Lahey, L. J., Lu, D. R., Cai, X., Wagner, C. A., Lindstrom, T. M., Sokolove, J., Robinson, W. H.
  2014; 66 (10): 2706-2715

- **Contribution of mast cell-derived interleukin-1ß to uric acid crystal-induced acute arthritis in mice.** *Arthritis & rheumatology*
  Reber, L. L., Marichal, T., Sokolove, J., Starkl, P., Gaudenzio, N., Iwakura, Y., Karasuyama, H., Schwartz, L. B., Robinson, W. H., Tsai, M., Galli, S. J.
  2014; 66 (10): 2881-2891

- **Stem Cell Growth Factor Expression in Rheumatoid Arthritis.**
  Woo, Y., Baik, Y., Park, Y., Lee, S., Robinson, W. H., Song, J.
  WILEY-BLACKWELL.2014: S642

- **Role of Protein Phosphatase Magnesium-Dependent 1A and Anti-Protein Phosphatase Magnesium-Dependent 1A Autoantibodies in Ankylosing Spondylitis** *ARTHRITIS & RHEUMATOLOGY*
  Kim, Y., Sohn, D. H., Zhao, X., Sokolove, J., Lindstrom, T. M., Yoo, B., Lee, C., Reveille, J. D., Taurog, J. D., Robinson, W. H.
  2014; 66 (10): 2793-2803

- **Barcode-Enabled Sequencing of Plasmablast Antibody Repertoires in Rheumatoid Arthritis** *ARTHRITIS & RHEUMATOLOGY*
  Tan, Y., Kongpachith, S., Blum, L. K., Ju, C., Lahey, L. J., Lu, D. R., Cai, X., Wagner, C. A., Lindstrom, T. M., Sokolove, J., Robinson, W. H.
  2014; 66 (10): 2706-2715

- **Reply: To PMID 24497204.** *Arthritis & rheumatology*
  Shelef, M. A., Sokolove, J., Robinson, W. H., Huttenlocher, A.
  2014; 66 (9): 2644-2645

- **Street-experienced peripheral B cells traffic to the brain.** *Science translational medicine*
  Lu, D. R., Robinson, W. H.
  2014; 6 (248): 248fs31-?

- **Quantitative Radiologic Imaging Techniques for Articular Cartilage Composition: Toward Early Diagnosis and Development of Disease-Modifying Therapeutics for Osteoarthritis** *ARTHRITIS CARE & RESEARCH*
  Oei, E. H., van Tiel, J., Robinson, W. H., Gold, G. E.
  2014; 66 (8): 1129-1141

- **Optical imaging of articular cartilage degeneration using near-infrared dipicolylamine probes.** *Biomaterials*
  Hu, X., Wang, Q., Liu, Y., Liu, H., Qin, C., Cheng, K., Robinson, W., Gray, B. D., Pak, K. Y., Yu, A., Cheng, Z.
  2014; 35 (26): 7511-7521

- **Association of fine specificity and repertoire expansion of anticitrullinated peptide antibodies with rheumatoid arthritis associated interstitial lung disease** *ANNALS OF THE RHEUMATIC DISEASES*
  Giles, J. T., Danoff, S. K., Sokolove, J., Wagner, C. A., Winchester, R., Pappas, D. A., Siegelman, S., Connors, G., Robinson, W. H., Bathon, J. M.
  2014; 73 (8): 1487-1494

- **Peptidylarginine Deiminase 4 Contributes to Tumor Necrosis Factor alpha-Induced Inflammatory Arthritis** *ARTHRITIS & RHEUMATOLOGY*
  Shelef, M. A., Sokolove, J., Lahey, L. J., Wagner, C. A., Sackmann, E. K., Warner, T. F., Wang, Y., Beebe, D. J., Robinson, W. H., Huttenlocher, A.
  2014; 66 (6): 1482-1491

- **Periodontitis and Porphyromonas gingivalis in Patients With Rheumatoid Arthritis** *ARTHRITIS & RHEUMATOLOGY*
  Mikuls, T. R., Payne, J. B., Yu, F., Thiele, G. M., Reynolds, R. J., Cannon, G. W., Markt, J., McGowan, D., Kerr, G. S., Redman, R. S., Reimold, A., Griffiths, G., Beatty, et al
  2014; 66 (5): 1090-1100

- **Identifying functional anti-Staphylococcus aureus antibodies by sequencing antibody repertoires of patient plasmablasts** *CLINICAL IMMUNOLOGY*
  Lu, D. R., Tan, Y., Kongpachith, S., Cai, X., Stein, E. A., Lindstrom, T. M., Sokolove, J., Robinson, W. H.
  2014; 152 (1-2): 77-89

- **Rheumatoid Factor as a Potentiator of Anti-Citrullinated Protein Antibody-Mediated Inflammation in Rheumatoid Arthritis** *ARTHRITIS & RHEUMATOLOGY*
  Sokolove, J., Johnson, D. S., Lahey, L. J., Wagner, C. A., Cheng, D., Thiele, G. M., Michaud, K., Sayles, H., Reimold, A. M., Caplan, L., Cannon, G. W., Kerr, G., Mikuls, et al

2014; 66 (4): 813-821

- **Rheumatoid Arthritis in the Womens Health Initiative: Methods and Baseline Evaluation** *AMERICAN JOURNAL OF EPIDEMIOLOGY*
  Kuller, L. H., Mackey, R. H., Walitt, B. T., Deane, K. D., Holers, V. M., Robinson, W. H., Sokolove, J., Chang, Y., Moreland, L. W.
  2014; 179 (7): 917-926

- **High-throughput sequencing of natively paired antibody chains provides evidence for original antigenic sin shaping the antibody response to influenza vaccination.** *Clinical immunology*
  Tan, Y., Blum, L. K., Kongpachith, S., Ju, C., Cai, X., Lindstrom, T. M., Sokolove, J., Robinson, W. H.
  2014; 151 (1): 55-65

- **MONOCLONAL ANTIBODIES FROM CD19(+) SYNOVIAL B CELLS OF RA PATIENTS WITH TERTIARY LYMPHOID STRUCTURES DISPLAY A STRONG IMMUNOREACTIVITY TOWARDS CITRULLINATED HISTONES FROM NEUTROPHILS NETS**
  Corsiero, E., Carlotti, E., Wardemann, H., Robinson, W., Migliorini, P., Pratesi, F., Pitzalis, C., Bombardieri, M.
  BMJ PUBLISHING GROUP.2014: A13

- **Determinants of Mortality Among Postmenopausal Women in the Women's Health Initiative Who Report Rheumatoid Arthritis** *ARTHRITIS & RHEUMATOLOGY*
  Kuller, L. H., Mackey, R. H., Walitt, B. T., Deane, K. D., Holers, V. M., Robinson, W. H., Sokolove, J., Chang, Y., Liu, S., Parks, C. G., Wright, N. C., Moreland, L. W.
  2014; 66 (3): 497-507

- **Brief report: carboxypeptidase B serves as a protective mediator in osteoarthritis.** *Arthritis & rheumatology (Hoboken, N.J.)*
  Lepus, C. M., Song, J. J., Wang, Q., Wagner, C. A., Lindstrom, T. M., Chu, C. R., Sokolove, J., Leung, L. L., Robinson, W. H.
  2014; 66 (1): 101-106

- **Decreased plasma levels of soluble CD18 link leukocyte infiltration with disease activity in spondyloarthritis** *ARTHRITIS RESEARCH & THERAPY*
  Kragstrup, T. W., Jalilian, B., Hvid, M., Kjaergaard, A., Ostgard, R., Schiottz-Christensen, B., Jurik, A. G., Robinson, W. H., Vorup-Jensen, T., Deleuran, B.
  2014; 16 (1)

- **Decreased plasma levels of soluble CD18 link leukocyte infiltration with disease activity in spondyloarthritis.** *Arthritis research & therapy*
  Kragstrup, T. W., Jalilian, B., Hvid, M., Kjærgaard, A., Østgård, R., Schiøttz-Christensen, B., Jurik, A. G., Robinson, W. H., Vorup-Jensen, T., Deleuran, B.
  2014; 16 (1): R42-?

- **Oral and topical boswellic acid attenuates mouse osteoarthritis** *OSTEOARTHRITIS AND CARTILAGE*
  Wang, Q., Pan, X., Wong, H. H., Wagner, C. A., Lahey, L. J., Robinson, W. H., Sokolove, J.
  2014; 22 (1): 128-132

- **Serum inflammatory mediators as markers of human lyme disease activity.** *PloS one*
  Soloski, M. J., Crowder, L. A., Lahey, L. J., Wagner, C. A., Robinson, W. H., Aucott, J. N.
  2014; 9 (4)

- **Carboxypeptidase B Serves as a Protective Mediator in Osteoarthritis** *ARTHRITIS & RHEUMATOLOGY*
  Lepus, C. M., Song, J. J., Wang, Q., Wagner, C. A., Lindstrom, T. M., Chu, C. R., Sokolove, J., Leung, L. L., Robinson, W. H.
  2014; 66 (1): 101-106

- **Clinical optimization of antigen specific modulation of type 1 diabetes with the plasmid DNA platform** *CLINICAL IMMUNOLOGY*
  Gottlieb, P., Utz, P. J., Robinson, W., Steinman, L.
  2013; 149 (3): 297-306

- **Protein microarray analysis reveals BAFF-binding autoantibodies in systemic lupus erythematosus** *JOURNAL OF CLINICAL INVESTIGATION*
  Price, J. V., Haddon, D. J., Kemmer, D., Delepine, G., Mandelbaum, G., Jarrell, J. A., Gupta, R., Balboni, I., Chakravarty, E. F., Sokolove, J., Shum, A. K., Anderson, M. S., Cheng, et al
  2013; 123 (12): 5135-5145

- **Serum autoantibodies to myelin peptides distinguish acute disseminated encephalomyelitis from relapsing- remitting multiple sclerosis.** *Multiple sclerosis (Houndmills, Basingstoke, England)*

Van Haren, K., Tomooka, B. H., Kidd, B. A., Banwell, B., Bar-Or, A., Chitnis, T., Tenembaum, S. N., Pohl, D., Rostasy, K., Dale, R. C., O'Connor, K. C., Hafler, D. A., Steinman, et al
2013; 19 (13): 1726-1733

- **Autoimmune Attack Takes Your Breath Away** *SCIENCE TRANSLATIONAL MEDICINE*
  Lindstrom, T. M., Robinson, W. H.
  2013; 5 (206): 206fs36
- **Carboxypeptidase B2 Down-Regulates Osteoclast Activation In Inflammation.**
  Song, J., Lee, S., Park, Y., Lee, S., Leung, L., Robinson, W. H.
  WILEY-BLACKWELL.2013: S781
- **IgM Rheumatoid Factor As a Potentiator Of Anti-Citrullinated Protein Antibody Mediated Inflammation In Rheumatoid Arthritis**
  Sokolove, J., Cheng, D., Johnson, D. S., Mikuls, T. R., Robinson, W. H.
  WILEY-BLACKWELL.2013: S343–S344
- **Alveolar Bone Loss Is Associated With Disease Activity and ACPA Expression In Rheumatoid Arthritis**
  Mikuls, T. R., Payne, J., Yu, F., Thiele, G. M., Gonzalez, S., Markt, J., Sokolove, J., Robinson, W. H., Reynolds, R. J., Cannon, G. W., McGowan, D., Kerr, G. S., Redman, et al
  WILEY-BLACKWELL.2013: S345
- **Role Of B Cells and/Or Autoantibodies In Pulmonary Manifestations Of Inflammatory Arthritis**
  Peterson, L. K., Sokolove, J., Jedlicka, P., Lahey, L. J., Robinson, W. H., Dragone, L. L.
  WILEY-BLACKWELL.2013: S395–S396
- **Decreased Plasma Levels Of Soluble CD18 Link Leukocyte Migration and Disease Activity In Spondyloarthritis**
  Kragstrup, T. W., Jalilian, B., Hvid, M., Ostgard, R., Schiottz-Christensen, B., Jurik, A. G., Robinson, W. H., Vorup-Jensen, T., Deleuran, B.
  WILEY-BLACKWELL.2013: S401
- **Chemokine Receptor Polymorphisms On Chromosome 3 Are Associated With Anticitrullinated Protein Antibody Specificities In African Americans With Rheumatoid Arthritis**
  Reynolds, R. J., Danila, M. I., Sokolove, J., Robinson, W. H., Conn, D. L., Jonas, B. L., Callahan, L. F., Moreland, L. W., Brasington, R. D., Smith, E. A., Gregersen, P. K., Bridges, S.
  WILEY-BLACKWELL.2013: S805
- **Tumor Necrosis Factor Alpha Induces Anti-Citrullinated Protein Antibodies and Arthritis In Part Through Peptidyl Arginine Deiminase 4**
  Shelef, M. A., Sokolove, J., Wagner, C., Sackmann, E., Warner, T., Beebe, D., Robinson, W. H., Huttenlocher, A.
  WILEY-BLACKWELL.2013: S947
- **The Relationship Between Anti-Citrullinated Protein Antibodies and Radiographic Damage In African-Americans With Rheumatoid Arthritis**
  Danila, M. I., Reynolds, R. J., Aslibekyan, S., Tamhane, A., Hughes, L. B., Sokolove, J., Robinson, W. H., Conn, D. L., Jonas, B. L., Callahan, L. F., Moreland, L. W., Brasington, R. D., Smith, et al
  WILEY-BLACKWELL.2013: S1028
- **Recombinant Monoclonal Antibodies Derived From Single CD19+Synovial B Cells Of RA Patients With Tertiary Lymphoid Structures Display a Strong Immunoreactivity Towards Citrullinated Histones**
  Corsiero, E., Bombardieri, M., Carlotti, E., Wardemann, H., Robinson, W. H., Pitzalis, C.
  WILEY-BLACKWELL.2013: S1127–S1128
- **Antibodies To Citrullinated Enolase, Fibrinogen, and Vimentin Are Associated With Markers Of Endothelial Dysfunction In First-Degree Relatives Of Patients With Rheumatoid Arthritis: The Studies Of The Etiology Of Rheumatoid Arthritis**
  Hughes-Austin, J. M., Young, K. A., Deane, K. D., Weisman, M. H., Buckner, J. H., Mikuls, T. R., O'Dell, J. R., Keating, R. M., Gregersen, P. K., Sokolove, J., Robinson, W. H., Holers, V., Norris, et al
  WILEY-BLACKWELL.2013: S1133–S1134
- **Prediction Of TNF Inhibitor Response In Rheumatoid Arthritis Patients Using Single Cell Network Profiling Of Intracellular Immune Signaling**
  Ptacek, J., Hawtin, R., Louie, B., Evensen, E., Cordeiro, J., Mittleman, B., Atallah, M., Cesano, A., Bingham, C. O., Cofield, S., Curtis, J. R., Danila, M. I., Furie, et al
  WILEY-BLACKWELL.2013: S375

- **Novel Biomarkers From Peripheral Blood Mononuclear Cells Indicate Disease Activity In Rheumatoid Arthritis Patients.**
  Ptacek, J., Hawtin, R., Louie, B., Evensen, E., Cordeiro, J., Mittleman, B., Atallah, M., Cesano, A., Bingham, C. O., Cofield, S., Curtis, J. R., Danila, M. I., Furie, et al
  WILEY-BLACKWELL.2013: S974–S975

- **Whole-genome sequencing identifies a recurrent functional synonymous mutation in melanoma** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
  Gartner, J. J., Parker, S. C., Prickett, T. D., Dutton-Regester, K., Stitzel, M. L., Lin, J. C., Davis, S., Simhadri, V. L., Jha, S., Katagiri, N., Gotea, V., Teer, J. K., Wei, et al
  2013; 110 (33): 13481-13486

- **Relatives Without Rheumatoid Arthritis Show Reactivity to Anti-Citrullinated Protein/Peptide Antibodies That Are Associated With Arthritis-Related Traits: Studies of the Etiology of Rheumatoid Arthritis** *ARTHRITIS AND RHEUMATISM*
  Young, K. A., Deane, K. D., Derber, L. A., Hughes-Austin, J. M., Wagner, C. A., Sokolove, J., Weisman, M. H., Buckner, J. H., Mikuls, T. R., O'Dell, J. R., Keating, R. M., Gregersen, P. K., Robinson, et al
  2013; 65 (8): 1995-2004

- **Brief report: citrullination within the atherosclerotic plaque: a potential target for the anti-citrullinated protein antibody response in rheumatoid arthritis.** *Arthritis and rheumatism*
  Sokolove, J., Brennan, M. J., Sharpe, O., Lahey, L. J., Kao, A. H., Krishnan, E., Edmundowicz, D., Lepus, C. M., Wasko, M. C., Robinson, W. H.
  2013; 65 (7): 1719-1724

- **Citrullination Within the Atherosclerotic Plaque: A Potential Target for the Anti-Citrullinated Protein Antibody Response in Rheumatoid Arthritis** *ARTHRITIS AND RHEUMATISM*
  Sokolove, J., Brennan, M. J., Sharpe, O., Lahey, L. J., Kao, A. H., Krishnan, E., Edmundowicz, D., Lepus, C. M., Wasko, M. C., Robinson, W. H.
  2013; 65 (7): 1719-1724

- **Plasmid-Encoded Proinsulin Preserves C-Peptide While Specifically Reducing Proinsulin-Specific CD8+ T Cells in Type 1 Diabetes.** *Science translational medicine*
  Roep, B. O., Solvason, N., Gottlieb, P. A., Abreu, J. R., Harrison, L. C., Eisenbarth, G. S., Yu, L., Leviten, M., Hagopian, W. A., Buse, J. B., von Herrath, M., Quan, J., King, et al
  2013; 5 (191): 191ra82-?

- **Multiple cytokines and chemokines are associated with rheumatoid arthritis-related autoimmunity in first-degree relatives without rheumatoid arthritis: Studies of the Aetiology of Rheumatoid Arthritis (SERA)** *ANNALS OF THE RHEUMATIC DISEASES*
  Hughes-Austin, J. M., Deane, K. D., Derber, L. A., Kolfenbach, J. R., Zerbe, G. O., Sokolove, J., Lahey, L. J., Weisman, M. H., Buckner, J. H., Mikuls, T. R., O'Dell, J. R., Keating, R. M., Gregersen, et al
  2013; 72 (6): 901-907

- **Predictive Value of Autoantibody Testing for Validating Self-reported Diagnoses of Rheumatoid Arthritis in the Women's Health Initiative** *AMERICAN JOURNAL OF EPIDEMIOLOGY*
  Walitt, B., Mackey, R., Kuller, L., Deane, K. D., Robinson, W., Holers, V. M., Chang, Y., Moreland, L.
  2013; 177 (9): 887-893

- **Mechanistic biomarkers for clinical decision making in rheumatic diseases** *NATURE REVIEWS RHEUMATOLOGY*
  Robinson, W. H., Lindstrom, T. M., Cheung, R. K., Sokolove, J.
  2013; 9 (5): 267-276

- **Optimal approaches to data collection and analysis of potential immune mediated disorders in clinical trials of new vaccines** *VACCINE*
  Da Silva, F. T., De Keyser, F., Lambert, P., Robinson, W. H., Westhovens, R., Sindic, C.
  2013; 31 (14): 1870-1876

- **The exposure of autoantigens by microparticles underlies the formation of potent inflammatory components: the microparticle-associated immune complexes** *EMBO MOLECULAR MEDICINE*
  Cloutier, N., Tan, S., Boudreau, L. H., Cramb, C., Subbaiah, R., Lahey, L., Albert, A., Shnayder, R., Gobezie, R., Nigrovic, P. A., Farndale, R. W., Robinson, W. H., Brisson, et al
  2013; 5 (2): 235-249

- **Anti-citrullinated peptide autoantibodies, human leukocyte antigen shared epitope and risk of future rheumatoid arthritis: a nested case-control study** *ARTHRITIS RESEARCH & THERAPY*
  Arkema, E. V., Goldstein, B. L., Robinson, W., Sokolove, J., Wagner, C. A., Malspeis, S., Rosner, B., Grodstein, F., Karlson, E. W., Costenbader, K. H.

2013; 15 (5)

- **Activation of Classical Complement Pathway is Associated with the Development of Idiopathic Pulmonary Arterial Hypertension (IPAH)**
  Saito, T., Sharpe, O., Harada, D., Tamosiuniene, R., Li, C. G., Nicolls, M., Robinson, W. H., Rabinovitch, M.
  LIPPINCOTT WILLIAMS & WILKINS.2012

- **Porphyromonas gingivalis and Disease-Related Autoantibodies in Individuals at Increased Risk of Rheumatoid Arthritis** *ARTHRITIS AND RHEUMATISM*
  Mikuls, T. R., Thiele, G. M., Deane, K. D., Payne, J. B., O'Dell, J. R., Yu, F., Sayles, H., Weisman, M. H., Gregersen, P. K., Buckner, J. H., Keating, R. M., Derber, L. A., Robinson, et al
  2012; 64 (11): 3522-3530

- **Oxidative stress-responsive microRNA-320 regulates glycolysis in diverse biological systems** *FASEB JOURNAL*
  Tang, H., Lee, M., Sharpe, O., Salamone, L., Noonan, E. J., Hoang, C. D., Levine, S., Robinson, W. H., Shrager, J. B.
  2012; 26 (11): 4710-4721

- **The Associations of HLA-DR Shared Epitope Alleles and Serum Cytokines Among Postmenopausal Women with Rheumatoid Factor and Anti-Citrullinated Protein Antibody-Positive Rheumatoid Arthritis.** *Annual Scientific Meeting of the American-College-of-Rheumatology (ACR) and Association-of-Rheumatology-Health-Professionals (ARHP)*
  Talabi, M. B., Mackey, R., Moreland, L. W., Dorman, J., Deane, K. D., Sokolove, J., Holers, V. M., Robinson, W. H., Wallitt, B., Kuller, L.
  WILEY-BLACKWELL.2012: S895–S895

- **Differential Expression of Hepatocyte Growth Factor (HGF) in Patients with Systemic Sclerosis-Associated Pulmonary Arterial Hypertension**
  Chung, L., Cramb, C., Robinson, W. H., Steen, V. D., Zamanian, R. T.
  WILEY-BLACKWELL.2012: S632

- **Smoking Status Is Associated with Inflammatory Cytokine Profile and Disease Activity in Anti-Citrullinated Protein Antibody Positive Rheumatoid Arthritis: Decreased Inflammation and Disease Improvement with Smoking Cessation?**
  Cramb, C., Sokolove, J., Thiele, G. M., Kerr, G. S., Cannon, G. W., Reimold, A. M., Mikuls, T. R., Robinson, W. H.
  WILEY-BLACKWELL.2012: S508–S509

- **Citrullination within the Atherosclerotic Plaque: A New Potential Target for Anti-Citrullinated Protein Antibodies**
  Sokolove, J., Share, O., Brennan, M., Lahey, L. J., Kao, A. H., Krishnan, E., Wasko, M., Robinson, W. H.
  WILEY-BLACKWELL.2012: S723

- **Adiponectin Is Associated with Pro-Inflammatory Cytokines in Autoantibody Positive First-Degree Relatives (FDRs) of Patients with Rheumatoid Arthritis.**
  Hughes-Austin, J. M., Deane, K. D., Derber, L. A., Zerbe, G. O., Dabelea, D. M., Sokolove, J., Robinson, W. H., Holers, V., Norris, J. M.
  WILEY-BLACKWELL.2012: S887

- **Fine-Specificity of Anti-Citrullinated Peptide Auto-Antibodies: Associations with Cardiac Structure and Function in Rheumatoid Arthritis.**
  Geraldino-Pardilla, L., Giles, J. T., Sokolove, J., Robinson, W. H., Bathon, J. M.
  WILEY-BLACKWELL.2012: S1072

- **An Expanded Repertoire of Anti-Citrullinated Peptide Antibodies Is Associated with Interstitial Lung Disease in Rheumatoid Arthritis**
  Giles, J. T., Danoff, S., Sokolove, J., Winchester, R., Pappas, D. A., Cramb, C., Connors, G., Siegelman, S. S., Robinson, W. H., Bathon, J. M.
  WILEY-BLACKWELL.2012: S1127

- **Evolution of Preclinical Autoimmunity in Individuals At Risk for Development of Rheumatoid Arthritis** *Annual Scientific Meeting of the American-College-of-Rheumatology (ACR) and Association-of-Rheumatology-Health-Professionals (ARHP)*
  El-Gabalawy, H. S., Robinson, D. B., Smolik, I., Hart, D. M., Ferucci, E. D., Newkirk, M. M., Fritzler, M. J., Cramb, C., Sokolove, J., Robinson, W. H.
  WILEY-BLACKWELL.2012: S722–S722

- **Anti-Citrullinated Peptide Autoantibodies to Rheumatoid Synovium Epitopes in Women and Risk of Future Rheumatoid Arthritis.** *Annual Scientific Meeting of the American-College-of-Rheumatology (ACR) and Association-of-Rheumatology-Health-Professionals (ARHP)*
  Arkema, E. V., Goldstein, B. L., Robinson, W. H., Cramb, C., Sokolove, J., Cui, J., Malspeis, S., Karlson, E. W., Costenbader, K. H.
  WILEY-BLACKWELL.2012: S685–S686

- **Response to 'Plasma proteins present in osteoarthritic synovial fluid can stimulate cytokine production via Toll-like receptor 4' - authors' reply.** *Arthritis research & therapy*

Sohn, D. H., Sokolove, J., Sharpe, O., Erhart, J. C., Chandra, P. E., Lahey, L. J., Lindstrom, T. M., Hwang, I., Boyer, K. A., Andriacchi, T. P., Robinson, W. H.
2012; 14 (5): 406

- **Identification of Naturally Occurring Fatty Acids of the Myelin Sheath That Resolve Neuroinflammation** *SCIENCE TRANSLATIONAL MEDICINE*
  Ho, P. P., Kanter, J. L., Johnson, A. M., Srinagesh, H. K., Chang, E., Purdy, T. M., Van Haren, K., Wikoff, W. R., Kind, T., Khademi, M., Matloff, L. Y., Narayana, S., Hur, et al
  2012; 4 (137)

- **New tools for classification and monitoring of autoimmune diseases** *NATURE REVIEWS RHEUMATOLOGY*
  Maecker, H. T., Lindstrom, T. M., Robinson, W. H., Utz, P. J., Hale, M., Boyd, S. D., Shen-Orr, S. S., Fathman, C. G.
  2012; 8 (6): 317-328

- **Autoantibody Epitope Spreading in the Pre-Clinical Phase Predicts Progression to Rheumatoid Arthritis** *PLOS ONE*
  Sokolove, J., Bromberg, R., Deane, K. D., Lahey, L. J., Derber, L. A., Chandra, P. E., Edison, J. D., Gilliland, W. R., Tibshirani, R. J., Norris, J. M., Holers, V. M., Robinson, W. H.
  2012; 7 (5)

- **Pre-analytical effects of blood sampling and handling in quantitative immunoassays for rheumatoid arthritis** *JOURNAL OF IMMUNOLOGICAL METHODS*
  Zhao, X., Qureshi, F., Eastman, P. S., Manning, W. C., Alexander, C., Robinson, W. H., Hesterberg, L. K.
  2012; 378 (1-2): 72-80

- **Inhibition of Epidermal Growth Factor Receptor Tyrosine Kinase Ameliorates Collagen-Induced Arthritis** *JOURNAL OF IMMUNOLOGY*
  Swanson, C. D., Akama-Garren, E. H., Stein, E. A., Petralia, J. D., Ruiz, P. J., Edalati, A., Lindstrom, T. M., Robinson, W. H.
  2012; 188 (7): 3513-3521

- **Therapeutic Effects of Systemic Administration of Chaperone alpha B-Crystallin Associated with Binding Proinflammatory Plasma Proteins** *JOURNAL OF BIOLOGICAL CHEMISTRY*
  Rothbard, J. B., Kurnellas, M. P., Brownell, S., Adams, C. M., Su, L., Axtell, R. C., Chen, R., Fathman, C. G., Robinson, W. H., Steinman, L.
  2012; 287 (13): 9708-9721

- **Differential mTOR and ERK pathway utilization by effector CD4 T cells suggests combinatorial drug therapy of arthritis** *CLINICAL IMMUNOLOGY*
  Lin, J. T., Stein, E. A., Wong, M. T., Kalpathy, K. J., Su, L. L., Utz, P. J., Robinson, W. H., Fathnnan, C. G.
  2012; 142 (2): 127-138

- **Development and deployment of antigen arrays for investigation of B-cell fine specificity in autoimmune disease.** *Frontiers in bioscience (Elite edition)*
  Sokolove, J., Lindstrom, T. M., Robinson, W. H.
  2012; 4: 320-330

- **Citrullination of fibrinogen: generation of neoepitopes and enhancement of immunostimulatory properties**
  Robinson, W. H., Sokolove, J.
  BIOMED CENTRAL LTD.2012

- **Plasma proteins present in osteoarthritic synovial fluid can stimulate cytokine production via Toll-like receptor 4** *ARTHRITIS RESEARCH & THERAPY*
  Sohn, D. H., Sokolove, J., Sharpe, O., Erhart, J. C., Chandra, P. E., Lahey, L. J., Lindstrom, T. M., Hwang, I., Boyer, K. A., Andriacchi, T. P., Robinson, W. H.
  2012; 14 (1)

- **Response to 'Plasma proteins present in osteoarthritic synovial fluid can stimulate cytokine production via Toll-like receptor 4' - authors' reply** *ARTHRITIS RESEARCH & THERAPY*
  Sohn, D. H., Sokolove, J., Sharpe, O., Erhart, J. C., Chandra, P. E., Lahey, L. J., Lindstrom, T. M., Hwang, I., Boyer, K. A., Andriacchi, T. P., Robinson, W. H.
  2012; 14 (5)

- **Interleukin-34 produced by human fibroblast-like synovial cells in rheumatoid arthritis supports osteoclastogenesis** *ARTHRITIS RESEARCH & THERAPY*
  Hwang, S., Choi, B., Kang, S., Chang, J., Kim, Y., Chung, Y., Sohn, D. H., So, M. W., Lee, C., Robinson, W. H., Chang, E.

2012; 14 (1)

- **Tyrosine Kinase Inhibitors Ameliorate Autoimmune Encephalomyelitis in a Mouse Model of Multiple Sclerosis** *JOURNAL OF CLINICAL IMMUNOLOGY*
  Crespo, O., Kang, S. C., Daneman, R., Lindstrom, T. M., Ho, P. P., Sobel, R. A., Steinman, L., Robinson, W. H.
  2011; 31 (6): 1010-1020

- **Identification of a central role for complement in osteoarthritis** *NATURE MEDICINE*
  Wang, Q., Rozelle, A. L., Lepus, C. M., Scanzello, C. R., Song, J. J., Larsen, D. M., Crish, J. F., Bebek, G., Ritter, S. Y., Lindstrom, T. M., Hwang, I., Wong, H. H., Punzi, et al
  2011; 17 (12): 1674-U196

- **Chemerin158K Protein Is the Dominant Chemerin Isoform in Synovial and Cerebrospinal Fluids but Not in Plasma** *JOURNAL OF BIOLOGICAL CHEMISTRY*
  Zhao, L., Yamaguchi, Y., Sharif, S., Du, X., Song, J. J., Lee, D. M., Recht, L. D., Robinson, W. H., Morser, J., Leung, L. L.
  2011; 286 (45): 39520-39527

- **Porphyromonas Gingivalis (P. gingivalis) is Associated with the Presence of Disease-Specific Autoantibodies in Individuals At Increased Risk for the Future Development of Rheumatoid Arthritis** *75th Annual Scientific Meeting of the American-College-of-Rheumatology/46th Annual Scientific Meeting of the Association-of-Rheumatology-Health-Professionals (ARHP)*
  Mikuls, T. R., Deane, K. D., Payne, J., Thiele, G. M., O'Dell, J. R., Derber, L. A., Robinson, W. H., Holers, V. M., Norris, J. M.
  WILEY-BLACKWELL.2011: S300–S300

- **The Association Between Rheumatoid Factor and Predisposing Factors for Atherogenesis in First-Degree Relatives without Rheumatoid Arthritis: Studies of the Etiology of Rheumatoid Arthritis**
  Hughes-Austin, J. M., Deane, K. D., Derber, L. A., Zerbe, G. O., Dabelea, D. M., Eckel, R. H., Sokolove, J., Robinson, W. H., Holers, V., Norris, J. M.
  WILEY-BLACKWELL.2011: S34

- **Rheumatoid Arthritis Case Validation Strategies in Large Research Databases: The Women's Health Initiative Experience.**
  Walitt, B. T., Mackey, R., Kuller, L., Deane, K. D., Robinson, W., Holers, V., Tracey, R., Chang, Y., Moreland, L. W.
  WILEY-BLACKWELL.2011: S120–S121

- **Serum Cytokine Levels Predict Mortality Among Postmenopausal Women Reporting Rheumatoid Arthritis.**
  Sokolove, J., Robinson, W. H., Walitt, B. T., Deane, K. D., Chang, Y., Tracy, R., Holers, V., Kuller, L., Moreland, L. W., Mackey, R.
  WILEY-BLACKWELL.2011: S144

- **Development of a High-Throughput, Multiplex Assay for Profiling the Autoantibody Fine Specificity in Rheumatoid Arthritis**
  Zhao, X., Eastman, P., Qureshi, F., Manning, W. C., Robinson, W., Hesterberg, L. K.
  WILEY-BLACKWELL.2011: S686

- **Smoking and Periodontal Status Are Associated with ACPA Fine Specificity and Levels of Inflammatory Cytokines in Rheumatoid Arthritis: The ARIC Study.**
  Bromberg, R., Sokolove, J., Lahey, L. J., Alonso, A., Wener, M. H., Gersuk, V. H., Buckner, J., Beck, J. D., Michalowicz, B. S., Folsom, A. A., Robinson, W., Molitor, J. A.
  WILEY-BLACKWELL.2011: S845–S846

- **Plasma carboxypeptidase B downregulates inflammatory responses in autoimmune arthritis** *JOURNAL OF CLINICAL INVESTIGATION*
  Song, J. J., Hwang, I., Cho, K. H., Garcia, M. A., Kim, A. J., Wang, T. H., Lindstrom, T. M., Lee, A. T., Nishimura, T., Zhao, L., Morser, J., Nesheim, M., Goodman, et al
  2011; 121 (9): 3517-3527

- **Tyrosine kinases in inflammatory dermatologic disease** *JOURNAL OF THE AMERICAN ACADEMY OF DERMATOLOGY*
  Paniagua, R. T., Fiorentino, D. F., Chung, L., Robinson, W. H.
  2011; 65 (2): 389-403

- **Role of the Toll-like receptor pathway in the recognition of orthopedic implant wear-debris particles** *BIOMATERIALS*
  Pearl, J. I., Ma, T., Irani, A. R., Huang, Z., Robinson, W. H., Smith, R. L., Goodman, S. B.
  2011; 32 (24): 5535-5542

- **Human peptidome display** *NATURE BIOTECHNOLOGY*
  Robinson, W. H., Steinman, L.

2011; 29 (6): 500-502

- **Chaperone Activity of alpha B-Crystallin Is Responsible for Its Incorrect Assignment as an Autoantigen in Multiple Sclerosis** *JOURNAL OF IMMUNOLOGY*
  Rothbard, J. B., Zhao, X., Sharpe, O., Strohman, M. J., Kurnellas, M., Mellins, E. D., Robinson, W. H., Steinman, L.
  2011; 186 (7): 4263-4268

- **Development of peptide microarrays to investigate autoantibody epitope specificity in Pemphigus vulgaris** *71st Annual Meeting of the Society-for-Investigative-Dermatology*
  Hazelton, J., Patel, M., Furstenberg, G., Tyagi, S., Haab, B. B., Robinson, W. H., Seiffert-Sinha, K., Sinha, A. A.
  NATURE PUBLISHING GROUP.2011: S9–S9

- **N-alpha-Benzoyl-N5-(2-Chloro-1-Iminoethyl)-L-Ornithine Amide, a Protein Arginine Deiminase Inhibitor, Reduces the Severity of Murine Collagen-Induced Arthritis** *JOURNAL OF IMMUNOLOGY*
  Willis, V. C., Gizinski, A. M., Banda, N. K., Causey, C. P., Knuckley, B., Cordova, K. N., Luo, Y., Levitt, B., Glogowska, M., Chandra, P., Kulik, L., Robinson, W. H., Arend, et al
  2011; 186 (7): 4396-4404

- **Fishing for Biomarkers with Antigen Mimics** *CELL*
  Lindstrom, T. M., Robinson, W. H.
  2011; 144 (1): 13-15

- **Immune Complexes Containing Citrullinated Fibrinogen Costimulate Macrophages via Toll-like Receptor 4 and Fc gamma Receptor** *ARTHRITIS AND RHEUMATISM*
  Sokolove, J., Zhao, X., Chandra, P. E., Robinson, W. H.
  2011; 63 (1): 53-62

- **The Bruton tyrosine kinase inhibitor PCI-32765 ameliorates autoimmune arthritis by inhibition of multiple effector cells** *ARTHRITIS RESEARCH & THERAPY*
  Chang, B. Y., Huang, M. M., Francesco, M., Chen, J., Sokolove, J., Magadala, P., Robinson, W. H., Buggy, J. J.
  2011; 13 (4)

- **Novel multiplex technology for diagnostic characterization of rheumatoid arthritis** *ARTHRITIS RESEARCH & THERAPY*
  Chandra, P. E., Sokolove, J., Hipp, B. G., Lindstrom, T. M., Elder, J. T., Reveille, J. D., Eberl, H., Klause, U., Robinson, W. H.
  2011; 13 (3)

- **The Number of Elevated Cytokines and Chemokines in Preclinical Seropositive Rheumatoid Arthritis Predicts Time to Diagnosis in an Age-Dependent Manner** *ARTHRITIS AND RHEUMATISM*
  Deane, K. D., O'Donnell, C. I., Hueber, W., Majka, D. S., Lazar, A. A., Derber, L. A., Gilliland, W. R., Edison, J. D., Norris, J. M., Robinson, W. H., Holers, V. M.
  2010; 62 (11): 3161-3172

- **A model for harmonizing flow cytometry in clinical trials** *NATURE IMMUNOLOGY*
  Maecker, H. T., McCoy, J. P.
  2010; 11 (11): 975-978

- **A model for harmonizing flow cytometry in clinical trials.** *Nature immunology*
  Maecker, H. T., McCoy, J. P., Amos, M., Elliott, J., Gaigalas, A., Wang, L., Aranda, R., Banchereau, J., Boshoff, C., Braun, J., Korin, Y., Reed, E., Cho, et al
  2010; 11 (11): 975-978

- **Evaluation of an imatinib response gene signature in patients with systemic sclerosis**
  Chung, L., Ruiz, P., Wood, T., Shoor, S., Robinson, W., Whitfield, M., Chang, H., Fiorentino, D.
  CLINICAL & EXPER RHEUMATOLOGY.2010: S62–S62

- **Rheumatoid Arthritis: A Role for Immunosenescence?** *JOURNAL OF THE AMERICAN GERIATRICS SOCIETY*
  Lindstrom, T. M., Robinson, W. H.
  2010; 58 (8): 1565-1575

- **Natural killer cells trigger osteoclastogenesis and bone destruction in arthritis** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
  Soederstroem, K., Stein, E., Colmenero, P., Purath, U., Mueller-Ladner, U., de Matos, C. T., Tarner, I. H., Robinson, W. H., Engleman, E. G.

2010; 107 (29): 13028-13033

- **Biomarkers for rheumatoid arthritis: making it personal.** *Scandinavian journal of clinical and laboratory investigation. Supplementum*
  Lindstrom, T. M., Robinson, W. H.
  2010; 242: 79-84
- **Biomarkers for rheumatoid arthritis: Making it personal** *SCANDINAVIAN JOURNAL OF CLINICAL & LABORATORY INVESTIGATION*
  Lindstrom, T. M., Robinson, W. H.
  2010; 70: 79-84
- **Endogenous antibodies promote rapid myelin clearance and effective axon regeneration after nerve injury** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
  Vargas, M. E., Watanabe, J., Singh, S. J., Robinson, W. H., Barres, B. A.
  2010; 107 (26): 11993-11998
- **A Multitude of Kinases-Which are the Best Targets in Treating Rheumatoid Arthritis?** *RHEUMATIC DISEASE CLINICS OF NORTH AMERICA*
  Lindstrom, T. M., Robinson, W. H.
  2010; 36 (2): 367-?
- **Development of protein microarrays to investigate autoantibody profiles in pemphigus vulgaris** *Annual Meeting of the Society-for-Investigative-Dermatology*
  Patel, M., Furstenberg, G., Hazelton, J., Tiagi, S., Seiffert-Sinha, K., Haab, B. B., Robinson, W. H., Sinha, A. A.
  NATURE PUBLISHING GROUP.2010: S19–S19
- **c-Fms-mediated differentiation and priming of monocyte lineage cells play a central role in autoimmune arthritis** *ARTHRITIS RESEARCH & THERAPY*
  Paniagua, R. T., Chang, A., Mariano, M. M., Stein, E. A., Wang, Q., Lindstrom, T. M., Sharpe, O., Roscow, C., Ho, P. P., Lee, D. M., Robinson, W. H.
  2010; 12 (1)
- **Citrullinated Fibrinogen Stimulates TNF Release via TLR4 and Citrullinated Fibrinogen Immune Complexes Co-stimulate through TLR4 and the Fc Gamma Receptor**
  Sokolove, J., Zhao, X., Robinson, W.
  ACADEMIC PRESS INC ELSEVIER SCIENCE.2010: S7
- **Citrullinated Fibrinogen Stimulates TNF Release via TLR4 and Citrullinated Fibrinogen Immune Complexes Co-stimulate Through TLR4 and the Fc Gamma Receptor**
  Sokolove, J., Zhao, X., Robinson, W.
  ACADEMIC PRESS INC ELSEVIER SCIENCE.2010: S38–S39
- **EGFR Inhibition Ameliorates Murine Collagen-induced Arthritis**
  Swanson, C., Robinson, W. H.
  ACADEMIC PRESS INC ELSEVIER SCIENCE.2010: S59
- **Correlation between Circulating Plasmablasts and Disease Activity in Patients with ACPA plus Rheumatoid Arthritis** *10th Annual Meeting of the Federation-of-Clinical-Immunology-Societies*
  Tan, Y. C., Sokolove, J., Robinson, W.
  ACADEMIC PRESS INC ELSEVIER SCIENCE.2010: S138–S138
- **Targeting mTOR and MAPK Pathways to Inhibit Naive and Experienced Effector CD4 T Cells in Autoimmunity** *10th Annual Meeting of the Federation-of-Clinical-Immunology-Societies*
  Lin, J., Stein, E., Wong, M., Kalpathy, K., Su, L., Utz, P., Robinson, W., Fathman, C.
  ACADEMIC PRESS INC ELSEVIER SCIENCE.2010: S69–S69
- **Autoimmunity against Fibrinogen Mediates Inflammatory Arthritis in Mice** *JOURNAL OF IMMUNOLOGY*
  Ho, P. P., Lee, L. Y., Zhao, X., Tomooka, B. H., Paniagua, R. T., Sharpe, O., Benbarak, M. J., Chandra, P. E., Hueber, W., Steinman, L., Robinson, W. H.
  2010; 184 (1): 379-390
- **Autoimmune Disease Classification by Inverse Association with SNP Alleles** *PLOS GENETICS*
  Sirota, M., Schaub, M. A., Batzoglou, S., Robinson, W. H., Butte, A. J.
  2009; 5 (12)

- **Thrombin-Activatable Carboxypeptidase B Cleavage of Osteopontin Regulates Neutrophil Survival and Synoviocyte Binding in Rheumatoid Arthritis** *ARTHRITIS AND RHEUMATISM*
  Sharif, S. A., Du, X., Myles, T., Song, J. J., Price, E., Lee, D. M., Goodman, S. B., Nagashima, M., Morser, J., Robinson, W. H., Leung, L. L.
  2009; 60 (10): 2902-2912

- **A broad screen for targets of immune complexes decorating arthritic joints highlights deposition of nucleosomes in rheumatoid arthritis** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
  Monach, P. A., Hueber, W., Kessler, B., Tomooka, B. H., BenBarak, M., Simmons, B. P., Wright, J., Thornhill, T. S., Monestier, M., Ploegh, H., Robinson, W. H., Mathis, D., Benoist, et al
  2009; 106 (37): 15867-15872

- **Engagement of CD81 induces ezrin tyrosine phosphorylation and its cellular redistribution with filamentous actin** *JOURNAL OF CELL SCIENCE*
  Coffey, G. P., Rajapaksa, R., Liu, R., Sharpe, O., Kuo, C., Krauss, S. W., Sagi, Y., Davis, R. E., Staudt, L. M., Sharman, J. P., Robinson, W. H., Levy, S.
  2009; 122 (17): 3137-3144

- **Neuroprotective natural antibodies to assemblies of amyloidogenic peptides decrease with normal aging and advancing Alzheimer's disease** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
  Britschgi, M., Olin, C. E., Johns, H. T., Takeda-Uchimura, Y., LeMieux, M. C., Rufibach, K., Rajadas, J., Zhang, H., Tomooka, B., Robinson, W. H., Clark, C. M., Fagan, A. M., Galasko, et al
  2009; 106 (29): 12145-12150

- **Tyrosine kinases as targets for the treatment of rheumatoid arthritis** *NATURE REVIEWS RHEUMATOLOGY*
  Swanson, C. D., Paniagua, R. T., Lindstrom, T. M., Robinson, W. H.
  2009; 5 (6): 317-324

- **Identification of mRNA binding proteins that regulate the stability of LDL receptor mRNA through AU-rich elements** *JOURNAL OF LIPID RESEARCH*
  Li, H., Chen, W., Zhou, Y., Abidi, P., Sharpe, O., Robinson, W. H., Kraemer, F. B., Liu, J.
  2009; 50 (5): 820-831

- **Elemental bio-imaging of calcium phosphate crystal deposits in knee samples from arthritic patients** *METALLOMICS*
  Austin, C., Hare, D., Rozelle, A. L., Robinson, W. H., Grimm, R., Doble, P.
  2009; 1 (2): 142-147

- **Use of imatinib to treat systemic sclerosis: A prospective case series**
  Arefiev, K., Fiorentino, D., Chung, L., Robinson, W.
  MOSBY-ELSEVIER.2009: AB3

- **Molecular Framework for Response to Imatinib Mesylate in Systemic Sclerosis** *ARTHRITIS AND RHEUMATISM*
  Chung, L., Fiorentino, D. F., Benbarak, M. J., Adler, A. S., Mariano, M. M., Paniagua, R. T., Milano, A., Connolly, M. K., Ratiner, B. D., Wiskocil, R. L., Whitfield, M. L., Chang, H. Y., Robinson, et al
  2009; 60 (2): 584-591

- **Genomics and proteomics: Applications in autoimmune diseases.** *Pharmacogenomics and personalized medicine*
  Hueber, W., Robinson, W. H.
  2009; 2: 39-48

- **Cardiac Glycosides as Anti-inflammatory Agents in Collagen Arthritis**
  Stein, E., Robinson, W.
  ACADEMIC PRESS INC ELSEVIER SCIENCE.2009: S74

- **B Cells and Transplantation: An Educational Resource** *Tandem Meeting on Biology of Blood and Marrow Transplantation*
  Small, T. N., Robinson, W. H., Miklos, D. B.
  ELSEVIER SCIENCE INC.2009: 104–13

- **Tyrosine Kinases in Autoimmune Demyelination** *9th Annual Meeting of the Federation-of-Clinical-Immunology-Societies*
  Crespo, O., Kang, S., Daneman, R., Sobel, R., Ho, P., Steinman, L., Robinson, W.
  ACADEMIC PRESS INC ELSEVIER SCIENCE.2009: S73–S73

- **Blood autoantibody and cytokine profiles predict response to anti-tumor necrosis factor therapy in rheumatoid arthritis** *ARTHRITIS RESEARCH & THERAPY*
  Hueber, W., Tomooka, B. H., Batliwalla, F., Li, W., Monach, P. A., Tibshirani, R. J., Van Vollenhoven, R. F., Lampa, J., Saito, K., Tanaka, Y., Genovese, M. C., Klareskog, L., Gregersen, et al
  2009; 11 (3)

- **Differentially Cleaved Forms of Osteopontin by Thrombin and Carboxypeptidase B (TAF1a) Regulates Neutrophil Viability and Synoviocyte Binding in Rheumatoid Arthritis** *50th Annual Meeting of the American-Society-of-Hematology/ASH/ASCO Joint Symposium*
  Sharif, S., Du, X., Myles, T., Song, J. J., Price, E. A., Lee, D., Goodman, S., Morser, J., Robinson, W., Leung, L. L.
  AMER SOC HEMATOLOGY.2008: 1219–19

- **Identification of acute phase reactants and cytokines useful for monitoring infliximab therapy in ankylosing spondylitis** *CLINICAL RHEUMATOLOGY*
  Romero-Sanchez, C., Robinson, W. H., Tomooka, B. H., Londono, J., Valle-Onate, R., Huang, F., Deng, X., Zhang, L., Yang, C., Yu, D. T.
  2008; 27 (11): 1429-1435

- **Regulation of tissue inflammation by thrombi n-activatable carboxypeptidase B (or TAFI)** *22nd International Complement Workshop*
  Leung, L. L., Myles, T., Nishimura, T., Song, J. J., Robinson, W. H.
  PERGAMON-ELSEVIER SCIENCE LTD.2008: 4080–83

- **Anti-GITR treatment in collagen-induced arthritis results in enhanced epitope spreading and increased antibodies to citrullinated protein antigens (ACPA)** *72nd Annual Scientific Meeting of the American-College-of-Rheumatology/43rd Annual Scientific Meeting of the Association-of-Rheumatology-Health-Professionals*
  Cozine, C., Robinson, W. H., BenBarak, M., Holers, V. M.
  WILEY-BLACKWELL.2008: S405–S406

- **Phase 2 follow-up results of the BHT-3009 DNA vaccine for multiple sclerosis**
  Havrdova, E., Krasulova, E., Nadj, C. G., Selmaj, K., Losy, J., Nadj, I., Radue, E., Gianettoni, J., Valone, F., Utz, P. J., Robinson, W. H., Steinman, L., Garren, et al
  SAGE PUBLICATIONS LTD.2008: S47

- **Cerebrospinal fluid cell phenotypic analysis from a phase 2 trial of the BHT-3009 DNA vaccine for multiple sclerosis**
  Nadj, C., Nadj, I., Havrdova, E., Krasulova, E., Selmaj, K., Losy, J., Radue, E., Gianettoni, J., Solvason, N., Tersini, K., Valone, F., Utz, P. J., Robinson, et al
  SAGE PUBLICATIONS LTD.2008: S54

- **Lipids as autoantigens and therapeutic immune modulators in multiple sclerosis**
  Ho, P. R., Kanter, J. L., Johnson, A. M., Steinman, L., Robinson, W. H.
  SAGE PUBLICATIONS LTD.2008: S13

- **Rheumatoid arthritis (RA)-related antibody positivity is associated with serum cytokine elevations in RA-free first-degree relatives (FDRs) of RA-probands** *72nd Annual Scientific Meeting of the American-College-of-Rheumatology/43rd Annual Scientific Meeting of the Association-of-Rheumatology-Health-Professionals*
  Deane, K. D., Robinson, W. H., Majka, D. S., Parrish, L. A., BenBarak, M., Weisman, M. H., O'Dell, J. R., Gregersen, P. K., Buckner, J. H., Norris, J. M., Holers, V. M.
  WILEY-BLACKWELL.2008: S615–S615

- **A central anti-inflammatory role of carboxypeptidase B in autoimmune arthritis** *72nd Annual Scientific Meeting of the American-College-of-Rheumatology/43rd Annual Scientific Meeting of the Association-of-Rheumatology-Health-Professionals*
  Song, J. J., Nishimura, T., Garcia, M., Myles, T., Du, X., Sharif, S., Leung, L., Robinson, W.
  WILEY-BLACKWELL.2008: S264–S265

- **Molecular framework for response to imatinib mesylate in systemic sclerosis** *72nd Annual Scientific Meeting of the American-College-of-Rheumatology/43rd Annual Scientific Meeting of the Association-of-Rheumatology-Health-Professionals*
  Chung, L., Fiorentino, D. F., Benbarak, M. J., Adler, A. S., Mariano, M. M., Paniagua, R. T., Milano, A., Connolly, M. K., Ratiner, B. D., Wiskocil, R. L., Whitfield, M. L., Chang, H. Y., Robinson, et al
  WILEY-BLACKWELL.2008: S819–S820

- **Genomic and proteomic analysis reveals a threshold level of MYC required for tumor maintenance** *CANCER RESEARCH*
  Shachaf, C. M., Gentles, A. J., Elchuri, S., Sahoo, D., Soen, Y., Sharpe, O., Perez, O. D., Chang, M., Mitchel, D., Robinson, W. H., Dill, D., Nolan, G. P., Plevritis, et al

2008; 68 (13): 5132-5142

- **Complement receptor CR2/CR1 deficiency protects mice from collagen-induced arthritis and associates with reduced autoantibodies to type II collagen and citrullinated antigens** *MOLECULAR IMMUNOLOGY*
  Kuhn, K. A., Cozine, C. L., Tomooka, B., Robinson, W. H., Holers, V. M.
  2008; 45 (10): 2808-2819
- **Proteomic analysis of active multiple sclerosis lesions reveals therapeutic targets** *NATURE*
  Han, M. H., Hwang, S., Roy, D. B., Lundgren, D. H., Price, J. V., Ousman, S. S., Fernald, G. H., Gerlitz, B., Robinson, W. H., Baranzini, S. E., Grinnell, B. W., Raine, C. S., Sobel, et al
  2008; 451 (7182): 1076-U2
- **Epitope spreading to citrullinated antigens in mouse models of autoimmune arthritis and demyelination** *ARTHRITIS RESEARCH & THERAPY*
  Kidd, B. A., Ho, P. P., Sharpe, O., Zhao, X., Tomooka, B. H., Kanter, J. L., Steinman, L., Robinson, W. H.
  2008; 10 (5)
- **Lipids as autoantigens and therapeutic immune modulators in autoimmune demyelination**
  Ho, P., Kanter, J., Johnson, A., Steinman, L., Robinson, W.
  ACADEMIC PRESS INC ELSEVIER SCIENCE.2008: S24–S25
- **Induction of antigen-specific tolerance in multiple sclerosis after immunization with DNA encoding myelin basic protein in a randomized, placebo-controlled phase 1/2 trial** *ARCHIVES OF NEUROLOGY*
  Bar-Or, A., Vollmer, T., Antel, J., Arnold, D. L., Bodner, C. A., Campagnolo, D., Gianettoni, J., Jalili, F., Kachuck, N., Lapierre, Y., Niino, M., Oger, J., Price, et al
  2007; 64 (10): 1407-1415
- **Protective and therapeutic role for alpha B-crystallin in autoimmune demyelination** *NATURE*
  Ousman, S. S., Tomooka, B. H., Van Noort, J. M., Wawrousek, E. F., O'Connor, K. C., Hafler, D. A., Sobel, R. A., Robinson, W. H., Steinman, L.
  2007; 448 (7152): 474-U7
- **Protection against demyelination is made αB-crystallin clear** *CELL*
  [Anonymous]
  2007; 129 (7): 1235
- **Proteomic analysis of secreted proteins in early rheumatoid arthritis: anti-citrulline autoreactivity is associated with up regulation of proinflammatory cytokines** *ANNALS OF THE RHEUMATIC DISEASES*
  Hueber, W., Tomooka, B. H., Zhao, X., Kidd, B. A., Drijfhout, J. W., Fries, J. F., van Venrooij, W. J., Metzger, A. L., Genovese, M. C., Robinson, W. H.
  2007; 66 (6): 712-719
- **Identification of biomarkers associated with the development of hepatocellular carcinoma in CuZn superoxide dismutase deficient mice** *PROTEOMICS*
  Elchuri, S., Naeemuddin, M., Sharpe, O., Robinson, W. H., Huang, T.
  2007; 7 (12): 2121-2129
- **Imatinib for the treatment of rheumatic diseases** *NATURE CLINICAL PRACTICE RHEUMATOLOGY*
  Paniagua, R. T., Robinson, W. H.
  2007; 3 (4): 190-191
- **Suppressive Role of CD72 in Experimental Autoimmune Encephalomyelitis**
  Li, D. H., Creusot, R., Ousman, S. S., Fontoura, P., Sobel, R. A., Cao, T. M., Ho, P., Youssef, S., Robinson, W. H., Hong, A., Steinman, L., Parnes, J. R.
  AMER ASSOC IMMUNOLOGISTS.2007
- **Signal transduction blockade with imatinib mesylate prevents and treats autoimmune arthritis**
  Paniagua, R., Sharpe, O., Ho, P., Chan, S., Chang, A., Tomooka, B., Lee, D., Genovese, M., Utz, P., Steinman, L., Robinson, W.
  AMER ASSOC IMMUNOLOGISTS.2007
- **Protective and therapeutic role for alpha B-crystallin in autoimmune demyelination**
  Ousman, S., Tomooka, B., Van Noort, J., O'Conner, K., Wawrousek, E., Hafler, D., Sobel, R., Robinson, W., Steinman, L.
  ACADEMIC PRESS INC ELSEVIER SCIENCE.2007: S139

- **Proteomic signatures of secreted proteins for the prediction of treatment response to TNF blockers in RA**
  Hueber, W., Tomooka, B., Batliwalla, F., Tibshirani, R., Gregersen, P., Klareskog, L., Robinson, W.
  ACADEMIC PRESS INC ELSEVIER SCIENCE.2007: S94

- **Tolerizing DNA vaccines for autoimmune arthritis** *AUTOIMMUNITY*
  Ho, P. P., Higgins, J. P., Kidd, B. A., Tomooka, B., Digennaro, C., Lee, L. Y., De Vegvar, H. E., Steinman, L., Robinson, W. H.
  2006; 39 (8): 675-682

- **Selective tyrosine kinase inhibition by imatinib mesylate for the treatment of autoimmune arthritis** *JOURNAL OF CLINICAL INVESTIGATION*
  Paniagua, R. T., Sharpe, O., Ho, P. P., Chan, S. M., Chang, A., Higgins, J. P., Tomooka, B. H., Thomas, F. M., Song, J. J., Goodman, S. B., Lee, D. M., Genovese, M. C., Utz, et al
  2006; 116 (10): 2633-2642

- **Synovial proteome microarray identifies citrullinated vimentin as an autoantigen in DR4-IE tg mice following immunization with citrullinated human fibrinogen.**
  Brintnell, W., Hill, J. A., Bell, D. A., Hueber, W., Tomooka, B. H., Robinson, W. H., Cairns, E.
  WILEY-LISS.2006: S179

- **Monoclonal antibodies to myelin proteolipid protein (PLP) epitopes inhibit neurite outgrowth: Implications for MS**
  Hinojoza, J. R., Han, M. H., Eaton, M., Sharpe, O., Steinman, L., Robinson, W. H., Sobel, R. A.
  BLACKWELL PUBLISHING.2006: S13

- **Specific cytokine and chemokine increases precede the appearance of anti-cyclic citrullinated protein (Anti-CCP) antibodies and rheumatoid factor (RF) in the pre-clinical period of rheumatoid arthritis (RA) development.**
  Deane, K. D., Hueber, W., Majka, D. S., Tomooka, B. H., Gilliland, W. R., Parrish, L. A., Parish, M. C., Norris, J. M., Robinson, W. H., Holers, V.
  WILEY-LISS.2006: S508

- **Proteomic biomarkers for autoimmune disease** *PROTEOMICS*
  Hueber, W., Robinson, W. H.
  2006; 6 (14): 4100-4105

- **Fluid supported lipid bilayers containing mono sialoganglioside GM1: A QCM-D and FRAP study** *COLLOIDS AND SURFACES B-BIOINTERFACES*
  Weng, K. C., Kanter, J. L., Robinson, W. H., Frank, C. W.
  2006; 50 (1): 76-84

- **Antibodies against citrullinated proteins enhance tissue injury in experimental autoimmune arthritis** *JOURNAL OF CLINICAL INVESTIGATION*
  Kuhn, K. A., Kulik, L., Tomooka, B., Braschler, K. J., Arend, W. P., Robinson, W. H., Holers, V. M.
  2006; 116 (4): 961-973

- **Lipid microarrays identify key mediators of autoimmune brain inflammation**
  Kanter, J., Johnson, A., Ho, P. P., Hur, E., Narayana, S., Robinson, W., Steinman, L.
  AMER ASSOC IMMUNOLOGISTS.2006: S145

- **Antigen arrays for antibody profiling** *CURRENT OPINION IN CHEMICAL BIOLOGY*
  Robinson, W. H.
  2006; 10 (1): 67-72

- **Lipid microarrays identify key mediators of autoimmune brain inflammation** *NATURE MEDICINE*
  Kanter, J. L., Narayana, S., Ho, P. P., Catz, I., Warren, K. G., Sobel, R. A., Steinman, L., Robinson, W. H.
  2006; 12 (1): 138-143

- **Lipid microarrays identify key mediators of autoimmune brain inflammation.** *Nature medicine*
  Kanter, J. L., Narayana, S., Ho, P. P., Catz, I., Warren, K. G., Sobel, R. A., Steinman, L., Robinson, W. H.
  2006; 12 (1): 138-43

- **Fibrinogen-induced arthritis in mice as a model for rheumatoid arthritis.**
  Robinson, W., Kuhn, K., Tomooka, B., Holers, V., Ho, P.
  ACADEMIC PRESS INC ELSEVIER SCIENCE.2006: S16–S17

- **Microarray identified lipids modulate autoimmune demyelinating disease.**
  Kanter, J., Johnson, A., Ho, P., Hur, E., Narayana, S., Steinman, L., Robinson, W.
  ACADEMIC PRESS INC ELSEVIER SCIENCE.2006: S29

- **Treatment of autoimmune neuroinflammation with a synthetic tryptophan metabolite** *SCIENCE*
  Platten, M., Ho, P. P., Youssef, S., Fontoura, P., Garren, H., Hur, E. M., Gupta, R., Lee, L. Y., Kidd, B. A., Robinson, W. H., Sobel, R. A., Selley, M. L., Steinman, et al
  2005; 310 (5749): 850-855

- **A suppressive oligodeoxynucleotide enhances the efficacy of myelin cocktail/IL-4-tolerizing DNA vaccination and treats autoimmune disease** *JOURNAL OF IMMUNOLOGY*
  Ho, P. P., Fontoura, P., Platten, M., Sobel, R. A., DeVoss, J. J., Lee, L. Y., Kidd, B. A., Tomooka, B. H., Capers, J., Agrawal, A., Gupta, R., Zernik, J., Yee, et al
  2005; 175 (9): 6226-6234

- **Antigen microarray profiling of autoantibodies in rheumatoid arthritis** *ARTHRITIS AND RHEUMATISM*
  Hueber, W., Kidd, B. A., Tomooka, B. H., Lee, B. J., Bruce, B., Fries, J. F., Sonderstrup, G., Monach, P., Drijfhout, J. W., van Venrooij, W. J., Utz, P. J., Genovese, M. C., Robinson, et al
  2005; 52 (9): 2645-2655

- **Antigen microarray profiling of autoantibodies in rheumatoid arthritis.** *Arthritis and rheumatism*
  Hueber, W., Kidd, B. A., Tomooka, B. H., Lee, B. J., Bruce, B., Fries, J. F., Sonderstrup, G., Monach, P., Drijfhout, J. W., van Venrooij, W. J., Utz, P. J., Genovese, M. C., Robinson, et al
  2005; 52 (9): 2645-55

- **Fibrinogen-induced arthritis in mice as a novel model for rheumatoid arthritis.**
  Robinson, W. H., Tomooka, B., Genovese, M. C., Ho, P. P.
  WILEY-BLACKWELL.2005: S157

- **Integrated serum proteome analysis of autoantibodies and cytokines delineates distinct biosignatures in subsets of patients with early RA.**
  Hueber, W., Tomooka, B., Bruce, B., Monach, P., Fries, J. F., van Venrooij, W., Zatarain, E., Genovese, M. C., Robinson, W. H.
  WILEY-BLACKWELL.2005: S276–S277

- **Lipid microarrays detect diverse anti-lipid antibodies in MS and EAE: Sulfatide immunization exacerbates EAE**
  Kanter, J. L., Narayana, S., Ho, P., Sobel, R., Steinman, L., Robinson, W. H.
  FEDERATION AMER SOC EXP BIOL.2005: A1441

- **Suppression of autoimmunity via microbial mimics of altered peptide ligands** *MOLECULAR MIMICRY: INFECTION-INDUCING AUTOIMMUNE DISEASE*
  Steinman, L., Utz, P. J., Robinson, W. H.
  2005; 296: 55-63

- **Immunity to the extracellular domain of Nogo-A modulates experimental autoimmune encephalomyelitis** *JOURNAL OF IMMUNOLOGY*
  Fontoura, P., Ho, P. P., DeVoss, J., Zheng, B. H., Lee, B. J., Kidd, B. A., Garren, H., Sobel, R. A., Robinson, W. H., Tessier-Lavigne, M., Steinman, L.
  2004; 173 (11): 6981-6992

- **Characterization of novel antigens recognized by serum autoantibodies from anti-CD1 TCR-transgenic lupus mice** *EUROPEAN JOURNAL OF IMMUNOLOGY*
  Hueber, W., Zeng, D. F., Sharpe, O., Robinson, W. H., Strober, S., Utz, P. J.
  2004; 34 (6): 1654-1662

- **High-throughput methods for measuring autoantibodies in systemic lupus erythematosus and other autoimmune diseases** *AUTOIMMUNITY*
  Graham, K. L., Robinson, W. H., Steinman, L., Utz, P. J.
  2004; 37 (4): 269-272

- **Microarray profiling of antiviral antibodies for the development of diagnostics, vaccines, and therapeutics** *CLINICAL IMMUNOLOGY*
  de Vegvar, H. E., Robinson, W. H.
  2004; 111 (2): 196-201

- **Unlocking the "PAD" lock on rheumatoid arthritis** *ANNALS OF THE RHEUMATIC DISEASES*
  Utz, P. J., Genovese, M. C., Robinson, W. H.
  2004; 63 (4): 330-332

- **Genomic and proteomic analysis of multiple sclerosis - Opinion** *CURRENT OPINION IN IMMUNOLOGY*
  Robinson, W. H., Utz, P. J., Steinman, L.
  2003; 15 (6): 660-667

- **Protein arrays for autoantibody profiling and fine-specificity mapping** *PROTEOMICS*
  Robinson, W. H., Steinman, L., Utz, P. J.
  2003; 3 (11): 2077-2084

- **Microarray profiling of antibody responses against simian-human immunodeficiency virus: Postchallenge convergence of reactivities independent of host histocompatibility type and vaccine regimen** *JOURNAL OF VIROLOGY*
  de Vegvar, H. E., Amara, R. R., Steinman, L., Utz, P. J., Robinson, H. L., Robinson, W. H.
  2003; 77 (20): 11125-11138

- **Protein microarrays guide tolerizing DNA vaccine treatment of autoimmune encephalomyelitis** *NATURE BIOTECHNOLOGY*
  Robinson, W. H., Fontoura, P., Lee, B. J., de Vegvar, H. E., Tom, J., Pedotti, R., DiGennaro, C. D., Mitchell, D. J., Fong, D., Ho, P. P., Ruiz, P. J., Maverakis, E., Stevens, et al
  2003; 21 (9): 1033-1039

- **Autoantibodies in early arthritis: Advances in diagnosis and prognostication** *CLINICAL AND EXPERIMENTAL RHEUMATOLOGY*
  Hueber, W., Utz, P. J., Robinson, W. H.
  2003; 21 (5): S59-S64

- **Protein and peptide array analysis of autoimmune disease** *BIOTECHNIQUES*
  Robinson, W. H., Steinman, L., Utz, P. J.
  2002: 66-69

- **Millennium Award. Proteomics for the development of DNA tolerizing vaccines to treat autoimmune disease.** *Clinical immunology*
  Robinson, W. H., Garren, H., Utz, P. J., Steinman, L.
  2002; 103 (1): 7-12

- **Proteomics for the development of DNA tolerizing vaccines to treat autoimmune disease** *CLINICAL IMMUNOLOGY*
  Robinson, W. H., Garren, H., Utz, P. J., Steinman, L.
  2002; 103 (1): 7-12

- **Proteomics technologies for the study of autoimmune disease** *ARTHRITIS AND RHEUMATISM*
  Robinson, W. H., Steinman, L., Utz, P. J.
  2002; 46 (4): 885-893

- **Autoantigen microarrays for multiplex characterization of autoantibody responses** *NATURE MEDICINE*
  Robinson, W. H., DiGennaro, C., Hueber, W., Haab, B. B., KAMACHI, M., Dean, E. J., Fournel, S., Fong, D., Genovese, M. C., de Vegvar, H. E., Skriner, K., Hirschberg, D. L., Morris, et al
  2002; 8 (3): 295-301

- **Autoantibody profiling for the study and treatment of autoimmune disease** *ARTHRITIS RESEARCH*
  Hueber, W., Utz, P. J., Steinman, L., Robinson, W. H.
  2002; 4 (5): 290-295

- **Demyelinating and neurologic events reported in association with tumor necrosis factor alpha antagonism - By what mechanisms could tumor necrosis factor alpha antagonists improve rheumatoid arthritis but exacerbate multiple sclerosis?** *ARTHRITIS AND RHEUMATISM*
  Robinson, W. H., Genovese, M. C., Moreland, L. W.
  2001; 44 (9): 1977-1983

- **Protein array characterization of the specificity of the autoantibody response in experimental autoimmune encephalomyelitis: Examination of the role of epitope spreading in disease progression**
  Robinson, W. H., DiGennaro, C., Garren, H., Hirschberg, D., Haab, B., Brown, P., Utz, P. J., Steinman, L.
  FEDERATION AMER SOC EXP BIOL.2001: A1064

- **Allele-specific expression of the mouse B-cell surface protein CD72 on T cells** *IMMUNOGENETICS*
  Robinson, W. H., LANDOLFI, M. M., Parnes, J. R.
  1997; 45 (3): 195-200
- **IDENTIFICATION OF A MOUSE PROTEIN HOMOLOGOUS TO THE HUMAN CD6 T-CELL SURFACE PROTEIN AND SEQUENCE OF THE CORRESPONDING CDNA** *JOURNAL OF IMMUNOLOGY*
  Robinson, W. H., Prohaska, S. S., Santoro, J. C., Robinson, H. L., Parnes, J. R.
  1995; 155 (10): 4739-4748
- **HUMAN CD6 POSSESSES A LARGE, ALTERNATIVELY SPLICED CYTOPLASMIC DOMAIN** *EUROPEAN JOURNAL OF IMMUNOLOGY*
  Robinson, W. H., DEVEGVAR, H. E., Prohaska, S. S., Rhee, J. W., Parnes, J. R.
  1995; 25 (10): 2765-2769
- **STRUCTURE OF THE MOUSE CD72 (LYB-2) GENE AND ITS ALTERNATIVELY SPLICED TRANSCRIPTS** *JOURNAL OF IMMUNOLOGY*
  Ying, H., Nakayama, E., Robinson, W. H., Parnes, J. R.
  1995; 154 (6): 2743-2752
- **BIOCHEMICAL IDENTITY OF THE MOUSE LY-19.2 AND LY-32.2 ALLOANTIGENS WITH THE B-CELL DIFFERENTIATION ANTIGEN LYB-2/ CD72** *JOURNAL OF IMMUNOLOGY*
  Robinson, W. H., LANDOLFI, M. M., Schafer, H., Parnes, J. R.
  1993; 151 (9): 4764-4772
- **EXTENSIVE POLYMORPHISM IN THE EXTRACELLULAR DOMAIN OF THE MOUSE B-CELL DIFFERENTIATION ANTIGEN LYB-2/ CD72** *JOURNAL OF IMMUNOLOGY*
  Robinson, W. H., Ying, H., Miceli, M. C., Parnes, J. R.
  1992; 149 (3): 880-886
- **SYNTHESIS OF VIRAL-SPECIFIC RIBONUCLEIC ACID IN RUBELLA VIRUS-INFECTED CELLS** *JOURNAL OF VIROLOGY*
  Wong, K. T., Robinson, W. S., Merigan, T. C.
  1969; 4 (6): 901-?