



Matthew C. Baker, MD MS

Associate Professor of Medicine (Immunology and Rheumatology)
Medicine - Immunology & Rheumatology

CLINICAL OFFICE (PRIMARY)

- **Division of Immunology and Rheumatology**

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Bio

BIO

Dr. Baker is an Associate Professor of Medicine and the Associate Division Chief in the Division of Immunology and Rheumatology at Stanford University. He is an internationally recognized expert in IgG4-related disease, as well as the Co-Founder and Co-Director of the Stanford Multidisciplinary Sarcoidosis Program. He received his bachelor's degree from Pomona College, his medical degree from Harvard Medical School, and his master's degree in Epidemiology and Clinical Research from Stanford University. He completed his Internal Medicine residency at the Massachusetts General Hospital and his Rheumatology fellowship at Stanford University.

Dr. Baker's clinical research program is focused on clinical trials, epidemiological studies, and bench-to-bedside translational research. He has designed and led investigator-initiated and industry sponsored clinical trials in IgG4-related disease, sarcoidosis, Sjogren's disease, and rheumatoid arthritis. His epidemiological work aims to better understand disease mechanisms and identify novel drug targets, with a particular interest in repurposing existing drugs for the treatment of osteoarthritis.

Dr. Baker is also leading the Division of Immunology and Rheumatology's efforts to advance therapies with curative potential in autoimmunity, including T cell engagers and in vivo CAR T therapies.

CLINICAL FOCUS

- Sarcoidosis
- Cardiac sarcoidosis
- IgG4-related disease
- Sjogren's syndrome
- Osteoarthritis
- Rheumatoid Arthritis
- Rheumatology

ACADEMIC APPOINTMENTS

- Associate Professor - University Medical Line, Medicine - Immunology & Rheumatology

ADMINISTRATIVE APPOINTMENTS

- Associate Division Chief, Division of Immunology and Rheumatology, Department of Medicine, Stanford University, (2024- present)
- Clinical Chief, Division of Immunology and Rheumatology, Department of Medicine, Stanford University, (2020-2024)

HONORS AND AWARDS

- Translational Research and Applied Medicine Award, Stanford University (9/1/18 - 9/1/19)
- KL2 Stanford Spectrum Mentored Career Development Award, National Institutes of Health (7/1/17 - 6/30/19)
- Scientist Development Award, Rheumatology Research Foundation (2/1/17 - 1/31/18)
- Distinguished Fellow Award, American College of Rheumatology (11/28/16)
- ACR/EULAR Exchange Program Award, American College of Rheumatology (6/12/17)
- Ruth L. Kirschstein National Research Service Award, National Institutes of Health (7/1/16 - 1/31/17)
- Bevra Hahn Distinguished Fellow Scholarship, California Rheumatology Alliance (5/24/16)

PROFESSIONAL EDUCATION

- Board Certification: Rheumatology, American Board of Internal Medicine (2016)
- Board Certification: Internal Medicine, American Board of Internal Medicine (2014)
- Fellowship: Stanford University Rheumatology and Immunology Fellowship (2016) CA
- Residency: Massachusetts General Hospital Internal Medicine Residency (2014) MA
- M.S., Stanford University (2019)
- M.D., Harvard Medical School (2011)
- B.A., Pomona College (2004)

LINKS

- Stanford Multidisciplinary Sarcoidosis Program: <https://med.stanford.edu/sarcoidosis.html>

Research & Scholarship

CLINICAL TRIALS

- A Study of Efgartigimod in Patients With IgG4-Related Disease, Recruiting
- A Study of the Efficacy and Safety of Efgartigimod in Patients With Primary Sjögren's Syndrome, Recruiting
- Zanubrutinib in Patients With IgG4-Related Disease, Recruiting
- A Crossover Study to Compare RAYOS to IR Prednisone to Improve Fatigue and Morning Symptoms for SLE, Not Recruiting
- A Phase 3 Study of Obexelimab in Patients with IgG4-Related Disease, Not Recruiting
- A Study Comparing Upadacitinib (ABT-494) to Placebo in Participants With Active Psoriatic Arthritis Who Have a History of Inadequate Response to at Least One Biologic Disease Modifying Anti-Rheumatic Drug, Not Recruiting
- A Study to Assess the Efficacy and Safety of Namilumab in Participants With Chronic Pulmonary Sarcoidosis, Not Recruiting
- A Study to Assess the Safety, Tolerability, and Efficacy of Namilumab in Participants With Active Cardiac Sarcoidosis, Not Recruiting
- Open Label Two-Arm Study to Evaluate Rilzabrutinib in IgG4-Related Disease Participants, Not Recruiting
- Sarilumab in Patients With Glucocorticoid-Dependent Sarcoidosis, Not Recruiting
- Study to Evaluate the Safety and Efficacy of Filgotinib and Lanraplenib in Adults With Lupus Membranous Nephropathy (LMN), Not Recruiting

- A Study of Inebilizumab Efficacy and Safety in IgG4- Related Disease, Not Specified
- A Trial of Baricitinib in Patients With Cardiac Sarcoidosis, Not Specified
- Anti-BTLA Agonist Therapy in Subjects With Primary Sjogren's Syndrome, Not Specified
- BAFF/IL-17 Bispecific Antibody Treatment in Subjects With Primary Sjogren's Syndrome, Not Specified
- Study of GS-0272 in Participants With Rheumatoid Arthritis, Not Specified
- Study to Evaluate Safety, Tolerability, and Efficacy of GS-5718 in Participants With Active Rheumatoid Arthritis Who Have an Inadequate Response to Disease-modifying Antirheumatic Drug(s) (bDMARDs) Treatment, Not Specified

LAB AFFILIATIONS

- William Robinson, Robinson Lab (7/1/2015)

Publications

PUBLICATIONS

- **Obixelimab for the Treatment of IgG4-Related Disease.** *The New England journal of medicine*
Della-Torre, E., Baker, M. C., Zhang, W., Perugino, C. A., Katz, G., Tanaka, Y., Khosroshahi, A., Kleger, A., Schleinitz, N., Martinez-Valle, F., Schulze-Koops, H., Nakayamada, S., Rebours, et al
2026
- **A double-blind, placebo-controlled, randomized withdrawal trial of sarilumab for the treatment of glucocorticoid-dependent sarcoidosis.** *Rheumatology (Oxford, England)*
Baker, M. C., Horomanski, A., Wang, Y., Yuhan, L., Parsafar, S., Fairchild, R., Mooney, J. J., Raj, R., Witteles, R., Genovese, M. C.
2023
- **A Randomized, Double-Blind, Sham-Controlled, Clinical Trial of Auricular Vagus Nerve Stimulation for the Treatment of Active Rheumatoid Arthritis.** *Arthritis & rheumatology (Hoboken, N.J.)*
Baker, M. C., Kavanagh, S., Cohen, S., Matsumoto, A. K., Dikranian, A., Tesser, J., Kivitz, A., Alataris, K., Genovese, M. C.
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
- **Phenotypes of Chronic Overlapping Pain Multimorbidity in Rheumatology: A Population-Based Claims Study.** *Arthritis care & research*
Lu, D., Cunanan, K., Cragun, J., Vuong, L., Baker, M. C., Falasinnu, T.
2026
- **Artificial Intelligence-Aided Lung Ultrasound Detection of Interstitial Lung Disease in Systemic Sclerosis and Inflammatory Myopathy.** *Arthritis care & research*
Fairchild, R. M., Deluna, M. D., Fazli, M., Mar, D. A., Chung, M., Davuluri, S., Kawano, Y., Guo, H., Baker, M. C., Fiorentino, D., Tamang, S., Chung, L.
2026
- **High Burden and Phenotype-Specific Variability of Pain Polypharmacy in Early Autoimmune Rheumatic Diseases: A 15-Year Real-World Analysis.** *Research square*
Lu, D., Cunanan, K., Cragun, J., Vuong, L., Donneyong, M., Weisman, M., Baker, M. C., Irani, A., Falasinnu, T.
2026
- **Efficacy and Safety of Obixelimab to Treat IgG4-Related Disease: Protocol for a Global, Randomized, Placebo-Controlled Trial.** *Rheumatology and therapy*
Culver, E. L., Baker, M. C., Della-Torre, E., Zhang, W., Perugino, C. A., Wells, A., Mamuye, A., Quinn, S. M., Poma, A., Greene, T. J., Stone, J. H.
2026
- **Clinical Practice Guideline for Evaluation and Management of Peripheral Nervous System Manifestations in Sjögren's Disease.** *Arthritis care & research*
Deboo, A., Fox, R., Hammitt, K. M., Frantsve-Hawley, J., Baker, M. C., Danielides, S., De Sousa, E., Goodman, B. P., King, J. K., Mandel, S., Noaiseh, G., Pavlakis, P. P., Sarka, et al

2025

- **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
- **A Phase II, Single-site, Open-label Study of Zanubrutinib in Patients with igg4-related Disease**
Baker, M., Horomanski, A., Fairchild, R., Liu, Y., Deluna, M., Lanz, T., Gawde, S., Khalighi, M., Franc, B., Penta, M., Pham, N., Guja, K.
WILEY.2025: 2286-2288
- **Diagnostic Journey, Clinical Burden, And Quality Of Life Of Patients With IGg4-Related Disease: Results Of A Cross-Sectional Survey Of Patients And Physicians In The United States**
Hernandez-Barco, Y., Park, J. Y., Wani, R., Meyers, A., Baker, M., Calabrese, L., Patterson, K., Connolly, H., Birija, S., Culver, E.
WILEY.2025: 4943-4945
- **Treatment with Rilzabrutinib was associated with Rapid and Sustained Reduction in Disease Activity in Patients with IgG4-RD Previously Treated or Naive to B cell Depletion**
Stone, J., Carruthers, M., Meysami, A., Baker, M., Ghetie, D., Lally, L., Martinez-Valle, F., Dagna, L., Schleinitz, N., Choi, J., Mannent, L., Hagino, O.
WILEY.2025: 3230-3231
- **Prevalence of Coronary Artery Involvement in IgG4-Related Disease Detected by Non-Gated Cross-Sectional Imaging**
Baker, M., Taylor, L., Siddiqi, H., Hong, J., Pogatchnik, B.
WILEY.2025: 2288-2290
- **Cardiac Sarcoidosis Response to Steroid-Sparing Immunosuppression**
Zagouras, A., Pickell, S., Liu, Y., Witteles, R., Baker, M.
WILEY.2025: 3226-3228
- **Distinct Reactivity Patterns to EBV Nuclear Proteins and CNS Antigens Distinguish CNS Demyelinating Disorders from Systemic Autoimmunity**
Sattarnejhad, 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
- **IgG4-related disease with interstitial nephritis in a patient with metastatic melanoma following immune checkpoint inhibitor treatment: a case report.** *BMC rheumatology*
Sivaprakasam, T., Nitchaikulvatana, P., Gedallovich, J., Shah, J., Baker, M. C.
2025; 9 (1): 95
- **Global Practices in Cardiac Imaging for Cardiac Sarcoidosis: A Survey Study of International Experts With Delphi Consensus.** *JACC. Cardiovascular imaging*
Kafil, T. S., Ribeiro Neto, M. L., Judson, M. A., Cooper, L. T., Kron, J., Grutters, J. C., Birnie, D. H., Witteles, R., Joyce, E., Miller, E. J., Patel, A. S., Culver, D. A., Jellis, et al
2025; 18 (6): 679-692
- **Vagotomy and the incidence of rheumatoid arthritis and osteoarthritis: a Danish register-based study.** *Arthritis research & therapy*
Baker, M. C., Nagy, D., Tamang, S., Horváth-Puhó, E., Sørensen, H. T.
2025; 27 (1): 106
- **Validation of Lung Ultrasound Interpretation Criteria for Interstitial Lung Disease in Systemic Sclerosis and Inflammatory Myopathy.** *Arthritis care & research*
Fairchild, R. M., Mar, D. A., Deluna, M. D., Chung, M., Davuluri, S., Kawano, Y., Guo, H., Baker, M. C., Fiorentino, D., Chung, L.
2025
- **Recommendations for Aligned Nomenclature of Peripheral Nervous System Disorders Across Rheumatology and Neurology.** *Arthritis & rheumatology (Hoboken, N.J.)*
Noaiseh, G., Deboo, A., King, J. K., Varadhachary, A., Sarka, G., Goodman, B. P., Hammitt, K. M., Frantsve-Hawley, J., Fox, R., Baker, M. C., Danielides, S., Mandel, S., Pavlakis, et al
2024

- **Artificial Intelligence Assisted Interpretation of Lung Ultrasound Imaging for the Detection of Interstitial Lung Disease**
Fairchild, R., Mar, D., Deluna, M., Baker, M., Tamang, S., Guo, H., Fiorentino, D., Chung, L.
WILEY.2024: 3994-3996
- **Alignment Between Rheumatology and Neurology of Nomenclature for Peripheral Nervous System Neuropathies**
Noaiseh, G., Sarka, G., Deboo, A., Varadhachary, A., Fox, R., Baker, M., Danielides, S., de Sousa, E., Hawley, J., Goodman, B., Hammitt, K., King, J., Mandel, et al
WILEY.2024: 2883-2886
- **Evidence-Based Guidelines for Sjogren's Disease Peripheral Nervous System Manifestations**
Fox, R., Deboo, A., Baker, M., Danielides, S., de Sousa, E., Hawley, J., Goodman, B., Hammitt, K., King, J., Makara, M., Mandel, S., Noaiseh, G., Pavlakis, et al
WILEY.2024: 2874-2875
- **Annual trends in pain management modalities in patients with newly diagnosed autoimmune rheumatic diseases in the USA from 2007 to 2021: an administrative claims-based study.** *The Lancet. Rheumatology*
Falasinnu, T., Lu, D., Baker, M. C.
2024
- **Repurposing Drugs for the Treatment of Osteoarthritis.** *Osteoarthritis and cartilage*
Kuswanto, W., Baker, M. C.
2024
- **Current and future advances in practice: IgG4-related disease.** *Rheumatology advances in practice*
Wallace, Z. S., Katz, G., Hernandez-Barco, Y. G., Baker, M. C.
2024; 8 (2): rkae020
- **Methotrexate in Cardiac Sarcoidosis: Absence of Evidence Is Not Evidence of Absence.** *JACC. Cardiovascular imaging*
Yee, A. M., Baker, M. C., Frame, E. W., Galloway, J., Korsten, P.
2024; 17 (4): 465
- **IL-6 receptor inhibition and risk of sarcoidosis: a Mendelian randomization study.** *Rheumatology (Oxford, England)*
Zhao, S. S., Baker, M. C., Galloway, J. B.
2023
- **Genetic association between atopic disease and osteoarthritis.** *Osteoarthritis and cartilage*
Baker, M. C., Robinson, W. H., Ostrom, Q.
2023
- **Reply.** *Arthritis & rheumatology (Hoboken, N.J.)*
Baker, M. C., Alataris, K., Genovese, M. C.
2023
- **Evolution and impact of a dedicated ultrasound clinic on clinical rheumatology practice at an academic medical center.** *Seminars in arthritis and rheumatism*
Fairchild, R. M., Deluna, M. D., Golovko, V., Mar, D. A., Baker, M. C., Nishio, J., Horomanski, A. L.
2023; 63: 152276
- **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
- **Association Between Knee Osteoarthritis Pain and Concomitant Drug Use: A Post-hoc Analysis of Two Phase 3 Clinical Trials**
Miller, C., Baker, M., Alexandersen, P., Mondragon, A., Adrian, I., Karsdal, M., Andersen, J., Bihlet, A.
WILEY.2023: 3950-3952
- **The Problem of Pain in Rheumatology: A Population-based Study of Annual Trends in Pain Management Modalities in Patients with Autoimmune Rheumatic Diseases in the United States, 2007-2021**
Falasinnu, T., Lu, D., Baker, M.
WILEY.2023: 5102-5104

- **Vagotomy and Subsequent Risk of Rheumatoid Arthritis and Osteoarthritis: A Danish Register-Based Cohort Study**
Baker, M., Nagy, D., Tamang, S., Horvath-Puho, E., Sorensen, H.
WILEY.2023: 1674-1676
- **A Randomized, Double-Blind, Sham-Controlled, Clinical Trial of Auricular Vagus Nerve Stimulation for the Treatment of Active Rheumatoid Arthritis**
Baker, M., Kavanagh, S., Cohen, S., Matsumoto, A., Dikranian, A., Tesser, J., Kivitz, A., Alataris, K., Genovese, M.
WILEY.2023: 1676-1679
- **Biologics Initiation in Rheumatoid Arthritis by Race and Ethnicity: Results From a Randomized Survey Study.** *ACR open rheumatology*
Simard, J. F., Lu, R., Falasinnu, T. O., Baker, M. C., Hawa, S., Deluna, M. D., Horomanski, A., Fairchild, R. M.
2023
- **Sarcoidosis rates in BCG-vaccinated and unvaccinated young adults: A natural experiment using Danish registers.** *Seminars in arthritis and rheumatism*
Baker, M. C., Vágó, E., Tamang, S., Horváth-Puhó, E., Sørensen, H. T.
2023; 60: 152205
- **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
- **MULTI-SPECIALTY COLLABORATION IN DEVELOPMENT OF GUIDELINES FOR MANAGEMENT OF NEUROLOGICAL MANIFESTATIONS OF SJOJREN'S DISEASE**
Fox, R., Deboo, A., Hammitt, K. M., Baker, M. C., Bloch, D., Danielides, S., De Sousa, E., Goodman, B., Mandel, S., Noaiseh, G., Pavlakis, P. P., Sarka, G., Varadhachary, et al
CLINICAL & EXPER RHEUMATOLOGY.2022: 77-78
- **The Positive Predictive Value of a Very High Serum IgG4 Concentration for the Diagnosis of IgG4-Related Disease.** *The Journal of rheumatology*
Baker, M. C., Cook, C., Fu, X., Perugino, C. A., Stone, J. H., Wallace, Z. S.
2022
- **The Third Dose Is the Charm: Effective Cellular and Humoral Immune Responses to Third COVID-19 Vaccine Doses in Immunosuppressed Nonresponders.** *The Journal of rheumatology*
Kuswanto, W., Baker, M. C.
2022
- **Sarcoidosis incidence after mTOR inhibitor treatment.** *Seminars in arthritis and rheumatism*
Baker, M. C., Vago, E., Liu, Y., Lu, R., Tamang, S., Horvath-Puho, E., Sorensen, H. T.
2022; 57: 152102
- **Sarcoidosis in patients after solid organ transplantation treated with mtor inhibitors versus calcineurin inhibitors**
Vago, E. K., Baker, M. C., Tamang, S., Sorensen, H., Horvath-Puho, E.
WILEY.2022: 263-264
- **Antihistamine Use and Structural Progression of Knee OA: A Post-Hoc Analysis of Two Phase 3 Clinical Trials**
Bihlet, A., Miller, C., Byrjalsen, I., Karsdal, M., Andersen, J., Rao, T., Baker, M.
WILEY.2022: 3742-3743
- **Sarcoidosis Incidence After mTOR Inhibitor Treatment**
Baker, M., Vago, E., Liu, Y., Lu, R., Tamang, S., Horvath-Puho, E., Sorensen, H.
WILEY.2022: 254-256
- **Sarcoidosis Rates in BCG-Vaccinated and Unvaccinated Young Adults: A Danish Register-Based Study**
Baker, M., Vago, E., Tamang, S., Horvath-Puho, E., Sorensen, H.

WILEY.2022: 2207-2208

- **Reduction in Rheumatoid Arthritis-Associated Interstitial Lung Disease Risk in Patients Treated with Tofacitinib**
Baker, M., Liu, Y., Lu, R., Lin, J., Melehani, J., Robinson, W.
WILEY.2022: 4476-4478
- **Preparing for the next pandemic via transfer learning from existing diseases with hierarchical multi-modal BERT: a study on COVID-19 outcome prediction.** *Scientific reports*
Agarwal, K., Choudhury, S., Tipirneni, S., Mukherjee, P., Ham, C., Tamang, S., Baker, M., Tang, S., Kocaman, V., Gevaert, O., Rallo, R., Reddy, C. K.
2022; 12 (1): 10748
- **Prevalence of autoimmunity and atopy in US adults with glioblastoma and meningioma.** *Neuro-oncology*
Ostrom, Q. T., Lu, D., Lu, R., Baker, M. C.
2022
- **Development of a natural language processing system for extracting rheumatoid arthritis outcomes from clinical notes using the national RISE registry.** *Arthritis care & research*
Humbert-Droz, M., Izadi, Z., Schmajuk, G., Gianfrancesco, M., Baker, M. C., Yazdany, J., Tamang, S.
2022
- **Increased double-negative alpha beta plus T cells reveal adult-onset autoimmune lymphoproliferative syndrome in a patient with IgG4-related disease** *HAEMATOLOGICA*
Brar, N., Spinner, M. A., Baker, M. C., Advani, R. H., Natkunam, Y., Lewis, D. B., Silva, O.
2022; 107 (1): 347-350
- **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
- **Disease Associations with Very High Serum IgG4 Concentrations: A Retrospective Multi-Center Study**
Baker, M., Cook, C., Fu, X., Perugino, C., Stone, J., Wallace, Z.
WILEY.2021: 2290-2292
- **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
- **Osteoarthritis Risk Is Increased in Patients with Atopic Disease**
Baker, M., Sheth, K., Lu, R., Lu, D., von Kaepler, E., Bhat, A., Felson, D., Robinson, W.
WILEY.2021: 2351-2353
- **Comparison of Adverse Events Among Home- vs Facility-Administered Biologic Infusions, 2007-2017.** *JAMA network open*
Baker, M. C., Weng, Y., Fairchild, R., Ahuja, N., Rohatgi, N.
2021; 4 (6): e2110268
- **IMMUNE-MEDIATED BASIS FOR A PHASE 2A CLINICAL STUDY COMPARING RILZABRUTINIB VS GLUCOCORTICOID IN RITUXIMAB-REFRACTORY PATIENTS WITH IGG4-RELATED DISEASE**
Long, L., Baker, M., Carruthers, M., Meysami, A., Spiera, R., Reddy, M., Kavanagh, M., Francesco, M., Langrish, C., Neale, A., Arora, P., Stone, J. H.
BMJ PUBLISHING GROUP.2021: 1406
- **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
- **Non-invasive vagus nerve stimulation for rheumatoid arthritis: a proof-of-concept study.** *The Lancet. Rheumatology*
Marsal, S., Corominas, H., de Agustín, J. J., Pérez-García, C., López-Lasanta, M., Borrell, H., Reina, D., Sanmartí, R., Narváez, J., Franco-Jarava, C., Peterfy, C., Narváez, J. A., Sharma, et al
2021; 3 (4): e262-e269

- **Prevalence and significance of pulmonary disease on lung ultrasonography in outpatients with SARS-CoV-2 infection.** *BMJ open respiratory research*
Fairchild, R. M., Horomanski, A., Mar, D. A., Triant, G. R., Lu, R., Lu, D., Guo, H. H., Baker, M. C.
2021; 8 (1)
- **Non-invasive Vagus Nerve Stimulation Improves Signs and Symptoms of Rheumatoid Arthritis: Results of a Pilot Study**
Marsal, S., Corominas, H., De Agustin De Oro, J., Perez Garcia, C., Lopez Lasanta, M., Borrell, H., Reina, D., Sanmarti, R., Javier Narvaez, F., Franco-Jarava, C., Peterfy, C., Antonio Narvaez, J., Sharma, et al
WILEY.2020
- **PILOT CLINICAL STUDY OF A NON-INVASIVE AURICULAR VAGUS NERVE STIMULATION DEVICE IN PATIENTS WITH RHEUMATOID ARTHRITIS**
Marsal, S., Corominas, H., Lopez Lasanta, M., Reina-Sanz, D., Perez-Garcia, C., Borrell Panos, H., Sanmarti, R., Narvaez, J., Franco-Jarava, C., Narvaez, J. A., De Agustin, J. J., Sharma, V., Alataris, et al
BMJ PUBLISHING GROUP.2020: 999-1000
- **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
- **A Mortality Risk Score Model for Clinically Amyopathic Dermatomyositis-Associated Interstitial Lung Disease: Will It Have the Necessary "FLAIR" to Improve Clinical Outcomes?** *Chest*
Baker, M. C., Chung, L. n., Fiorentino, D. F.
2020; 158 (4): 1307–9
- **Phase II, randomised, double-blind, multicentre study evaluating the safety and efficacy of filgotinib and lanraplenib in patients with lupus membranous nephropathy.** *RMD open*
Baker, M. n., Chaichian, Y. n., Genovese, M. n., Derebail, V. n., Rao, P. n., Chatham, W. n., Bubb, M. n., Lim, S. n., Hajian, H. n., Gurtovaya, O. n., Patel, U. n., Tumlin, J. n.
2020; 6 (3)
- **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
- **Novel Approach to the Treatment of Cardiac Sarcoidosis with TNF-alpha Inhibition**
Baker, M., Sheth, K., Simard, J., Shoor, S., Genovese, M.
WILEY.2019
- **Dermatomyositis Associated With a Skull Base Chondrosarcoma** *JCR-JOURNAL OF CLINICAL RHEUMATOLOGY*
Baker, M. C., Smith, G. P., Miloslavsky, E. M.
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- **TNF-alpha inhibition for the treatment of cardiac sarcoidosis.** *Seminars in arthritis and rheumatism*
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- IgG4-Related Disease: A Broad Overview and Current Concepts - Allergy, Asthma & Immunology Foundation of Northern California Annual Symposium (April 28, 2018)
- An Introduction to Autoimmunity and an Overview of Common Rheumatic Diseases - Stanford Center for Clinical Research, Stanford University (August 4, 2018)
- A multimodal approach to evaluate new-onset inflammatory arthritis in patients receiving anti-PD-1/PD-L1 immunotherapy - Stanford Translational Research and Applied Medicine Annual Research Symposium (6/11/2019)
- Navigating the First Years Fresh Out of Fellowship - American College of Rheumatology Annual Meeting (11/11/2019)
- Cardiac Sarcoidosis: A Foundation for Sarcoidosis Research Webinar - Foundation for Sarcoidosis Research (February 19, 2021)
- Sarcoidosis, Immunosuppressive Treatments, and the COVID-19 Vaccine - Foundation for Sarcoidosis Research Virtual Patient Education Summit 2021 (6/13/2021)
- Sarcoidosis Research at Stanford University - Foundation for Sarcoidosis Research Virtual Patient Education Summit 2022 (7/31/2022)
- Sarcoidosis - West Hills Hospital (6/1/2022)
- Repurposing Drugs for Osteoarthritis - Joint Action Podcast (May 28, 2023)