

# Selected Faculty Publications

For a complete list go to:

[unmc.edu/intmed/divisions/rheum/research/rheumpubs2020.pdf](http://unmc.edu/intmed/divisions/rheum/research/rheumpubs2020.pdf)

**Duryee MJ**, Wiese BM, Bowman JR, Vanlandingham JD, **Klassen LW**, Thiele GE, **Hunter CD**, Anderson DR, **Mikuls TR**, **Thiele GM**. Liver tissue metabolically transformed by alcohol induces immune recognition of liver self-proteins but not in vivo inflammation. *Am J Physiol Gastrointest Liver Physiol* 314: G418-G430, 2018. Selected as the publication of the quarter (honorable mention) through Internal Medicine.

Khadge S, Sharp JG, **Thiele GM**, McGuire TR, **Klassen LW**, **Duryee MJ**, Britton HC, Dafferner AJ, Beck J, Black PN, DiRusso CC, Talmadge J. Dietary omega-3 and omega-6 polyunsaturated fatty acids modulate hepatic pathology. *J Nutr Biochem* 52: 92-102, 2018.

**Mikuls TR**, **Duryee MJ**, **England BR**, Anderson DR, **Hearth-Holmes M**, Su K, **Michaud K**, Payne JB, **Sayles H**, **Hunter C**, McGowan JD, **Klassen LW**, **Thiele GM**. Malondialdehyde-acetaldehyde antibody concentrations in rheumatoid arthritis and other rheumatic conditions. *Int Immunopharmacol* 56: 113-118, 2018.

Clemens DL, **Duryee MJ**, Sarmiento C, Chiou A, McGowan JD, **Hunter CD**, et al. Novel Antioxidant Properties of Doxycycline. *Int J Mol Sci*. 2018;19(12).

Chiou A, **England BR**, **Sayles H**, **Thiele GM**, **Duryee MJ**, Baker JF, et al. Coexistent Hyperuricemia and Gout in Rheumatoid Arthritis: Associations with Comorbidities, Disease Activity and Mortality. *Arthritis Care Res (Hoboken)*. 2019.

Clemens DL, **Duryee MJ**, Hall JH, **Thiele GM**, **Mikuls TR**, **Klassen LW**, et al. Relevance of the antioxidant properties of methotrexate and doxycycline to their treatment of cardiovascular disease. *Pharmacol Ther*. 2019:107413.

Ryan EM, **Duryee MJ**, Hollins A, Dover SK, Pirruccello S, **Sayles H**, et al. Antioxidant properties of citric acid interfere with the uricase-based measurement of circulating uric acid. *J Pharm Biomed Anal*. 2019;164:460-6.

**Mikuls TR**, Cheetham TC, Levy GD, Rashid N, Kerimian A, Low KJ, Coburn BW, Redden DT, Saag KG, Foster PJ, Chen L, Curtis JR. A pharmacist-led intervention to improve gout medication adherence and outcomes with urate lowering therapy: a site randomized trial. *Am J Med*. 2019; 132: 354-61.

Maloley PM, **England BR**, **Sayles H**, **Thiele GM**, **Michaud K**, Sokolove J, Cannon GW, Reimold AM, Kerr GS, Baker JF, Caplan L, Case AJ, **Mikuls TR**. Post-traumatic stress disorder and serum cytokine and chemokine concentrations in patients with rheumatoid arthritis. *Semin Arthritis Rheum*. 2019; 49: 229-35.

**England BR**, **Duryee MJ**, **Roul P**, **Mahajan TD**, Singh N, Poole JA, Ascherman DP, Caplan L, Demoruella MK, Deane KD, **Klassen LW**, **Thiele GM**, **Mikuls TR**. Malondialdehyde-acetaldehyde adducts and antibody responses in rheumatoid arthritis-interstitial lung disease. *Arthritis Rheumatol*. 2019; 71: 1483-93.

Poole JA, **Thiele GM**, Janike K, Nelson A, **Duryee MJ**, Rentfro K, **England BR**, Romberger DJ, Carrington J, Wang D, Swanson B, **Klassen LW**, **Mikuls TR**. Combined collagen-induced arthritis and organic dust-induced airway inflammation to model inflammatory lung disease in rheumatoid arthritis. *J Bone Miner Res*. 2019; 34: 1733-43.

**England BR**, Tiong BK, Bergman MJ, Curtis JR, Kazi S, **Mikuls TR**, **O'Dell JR**, Ranganath VK, Limanni A, Suter LG, **Michaud K**. 2019 Update of the American College of Rheumatology Recommended Rheumatoid Arthritis Disease Activity Measures. *Arthritis Care Res*. 2019; 71: 1540-55.

Fitzgerald JD, Dalbeth N, **Mikuls TR**, Brignardello-Petersen R, Guyatt G, Abeles A, Edwards NL, Gelber AC, Harrold LR, Khanna D, King C, Levy G, Libbey C, Mount D, Pillinger MH, Rosenthal A, Singh JA, Sims JE, Smith BJ, Wenger NS, Bae SS, Danve A, Khanna PP, Kim SC, Lenert A, Poon S, Qasim A, Sehra ST, Shah AA, Sharma TSK, Toprover M, Turgunbaev M, Zeng L, Zhang MA, Turner AS, Neogi T. 2020 American College of Rheumatology guideline for the management of gout. *Arthritis Rheumatol*. 2020 [In Press].

**Mikuls TR**, Johnson SR, Fraenkel L, Arasaratnam RJ, Baden LR, Bermas BL, Chatham W, Cohen S, Costenbader K, Gravalles EM, Kalil AC, Weinblatt ME, Winthrop K, Mudano AS, Turner A, Saag KG. American College of Rheumatology guidance for the management of adult patients with rheumatic disease during the COVID-19 pandemic. *Arthritis Rheumatol*. 2020 [In Press].

**Helget LN, England BR, Roul P, Sayles H, Petro AD, Michaud K, Mikuls TR.** The incidence, prevalence, and burden of gout in the Veterans Health Administration. *Arthritis Care Res.* 2020 [In Press].

Luedders BA, **Johnson TM, Sayles H, Thiele GM, Mikuls TR, O'Dell JR, England BR.** Predictive ability, validity, and responsiveness of the multi-biomarker disease activity score in patients with rheumatoid arthritis initiating methotrexate. *Semin Arthritis Rheumatol* 2020 [In Press].

**Mikuls TR,** Edison J, Meeshaw E, **Sayles H, England BR, Duryee MJ, Hunter CD,** Kelmenson LB, Moss LK, Feser ML, Wagner B, Parish MC, Deane KD, **Thiele GM.** Autoantibodies to malondialdehyde-acetaldehyde are detected prior to rheumatoid arthritis diagnosis and after other disease specific autoantibodies. *Arthritis Rheumatol.* 2020 [In Press].

Desilet LW, **England BR, Michaud K,** Barton JL, **Mikuls TR,** Baker JF. Post-traumatic stress disorder, depression, anxiety and persistence of methotrexate in TNF inhibitors in patients with rheumatoid arthritis. *ACR Open* 2020 [In Press].

**K Michaud,** K Wipfler, Y Shaw, TA Simon, A Cornish, **BR England,** A Ogdie, P Katz. Experiences of Patients With Rheumatic Diseases in the United States During Early Days of the COVID-19 Pandemic. *ACR Open Rheumatology.* Forthcoming, 2020.

CE Barber, J Zell, J Yazdany, AM Davis, L Cappelli, L Ehrlich-Jones, D Everix, JC Thorne, V Bohm, L Suter, A Limanni, **K Michaud.** 2019 American College of Rheumatology Recommended Patient-Reported Functional Status Assessment Measures in Rheumatoid Arthritis. *Arthritis Care & Research.* Vol 71(12):1531-1539, 2019.

**Ozen G,** Pedro S, **England BR,** Mehta B, Wolfe F, **Michaud K.** "Risk of Serious Infection in Patients With Rheumatoid Arthritis Treated With Biologic Versus Nonbiologic Disease-Modifying Antirheumatic Drugs," *ACR Open Rheumatology,* Vol. 1(7):424-432, 2019.

**Ozen G,** Pedro S, Wolfe F, **Michaud K.** Medications associated with fracture risk in patients with rheumatoid arthritis, *Annals of Rheumatic Diseases.* Vol. 78(8):1041-1047, 2019.

Mollard E, Pedro S, Chakravarty E, Clowse M, Schumacher R, **Michaud K.** "The impact of menopause on functional status in women with rheumatoid arthritis." *Rheumatology (Oxford).* Vol. 57(5):798-802, 2018.

**Ozen G,** Kamen D, **Mikuls T, England B,** Wolfe F, **Michaud K.** Trends and Determinants of Osteoporosis Treatment and Screening in Patients with Rheumatoid Arthritis to Osteoarthritis, *Arthritis Care and Research.* Vol. 70(5):713-723, 2018.

Goodman SM, Springer B, Guyatt G, ... **Michaud K, Mikuls TR...** Yates A. 2016 American College of Rheumatology/ American Association of Hip and Knee Surgeons Guideline for the Perioperative Management of Anti-rheumatic Medication in Patients with Rheumatic Diseases Undergoing Elective Total Hip or Total Knee Arthroplasty, *Arthritis and Rheumatology.* Vol. 69(8):1538-1551, 2017.

Katz P, Pedro S, **Michaud K.** Performance of the PROMIS 29-Item Profile in Rheumatoid Arthritis, Osteoarthritis, Fibromyalgia, and Systemic Lupus Erythematosus, *Arthritis Care & Research.* Vol. 69(9):1312-1321, 2017.

**Ozen G,** Pedro S, Holmqvist ME, Avery M, Wolfe F, **Michaud K.** "Risk of diabetes mellitus associated with disease-modifying antirheumatic drugs and statins in rheumatoid arthritis," *Annals of Rheumatic Diseases.* Vol. 76(5):848-854, 2017.

**England BR, Mikuls TR,** Xie F, Yang S, Chen L, Curtis JR. Herpes zoster as a risk factor for giant cell arteritis. *Arthritis Rheumatol.* 2017; 69(12):2351-2358. PMID: 28853238

Johnson T, Register KA, **O'Dell JR, Mikuls TR, Michaud K, England BR.** Correlation of the multi-biomarker disease activity score with rheumatoid arthritis disease activity measures: A systematic review and meta-analysis. *Arthritis Care & Research.* 2019; 71(11):1459-1472. PMID: 30320973.

# Selected Faculty Publications

**England BR, Thiele GM,** Anderson DR, **Mikuls TR.** State of the Art Review: Increased cardiovascular risk in rheumatoid arthritis: mechanisms and implications. *BMJ.* 2018; 361:k1036. PMID: 29685876

**England BR,** Hershberger D. Management issues in rheumatoid arthritis-associated interstitial lung disease. *Curr Opin Rheumatol.* 2020; 32(3):255-263. PMID: 32141954.

Johnson TM, **Michaud K, England BR.** Measures of Rheumatoid Arthritis Disease Activity. *Arthritis Care Res.* 2020 [Epub ahead of print]. PMID: TBD.

Rohlfen CJ, Sayles H, **Moore GF, Mikuls TR, O'Dell JR,** McBrien S, **Johnson T,** Fowler ZD, **Cannella AC.** "Innovation in Early Medical Education, No Bells or Whistles Required." *BMC Med Educ* 2020; 20:39. PMID 32033553.

Aslam F, **England BR, Cannella AC,** Sharp V, Kao L, Arnason J, Albayda J, Bakewell C, Sanghvi S, Fairchild R, Torralba KD, Evangelisto A, DeMarco PJ, Bethina N, Kissin EY. "Ultrasound Doppler and Tenosynovial Fluid Analysis in Tenosynovitis." Submitted for publication.