

Veena Kittane Ranganath, MD, MS, RhMSUS

Education/Post-Graduate Training

BS, Microbiology, University of California, San Diego, 1995
MD, Medicine, University of California, Los Angeles, Drew Medical School, 2000
Internal Medicine Residency, VA Greater Los Angeles Healthcare System, 2003
Rheumatology Fellowship, University of California, Los Angeles, 2005
MS, Clinical Research, University of California, Los Angeles, 2010

Licensure/Certification

California, A78619
Board Certified in Internal Medicine 2003
Musculoskeletal Ultrasound Certification in Rheumatology (RhMSUS) 2013
Board Certified in Rheumatology 2005/2015

Professional Experience

2016- Co-Director of the Masters of Science Clinical Research Program (MSCR), UCLA
2016- Director of Rheumatology Musculoskeletal Quality Assurance Program, UCLA
2015- Director of Rheumatology Fellowship Musculoskeletal Ultrasound Training, UCLA
2015- Associate Clinical Professor, Division of Rheumatology, UCLA
2007-2015 Assistant Clinical Professor, Division of Rheumatology, UCLA
2005-2007 Clinical Instructor, Division of Rheumatology, UCLA

Professional Activities

Leadership Programs

2016 DGSOM/CSMC Mid-Career Women Faculty Leadership Development Program
2016 Association of American Medical Colleges (AAMC) - Mid-Career Women in Medicine Professional Development Seminar
2018 ACGME Developing Faculty Competencies in Assessment: An Interactive Workshop for UCLA Clinical Educators

Memberships

2000 American Medical Association
2003-present American College of Rheumatology
2005 American Geriatric Society
2012-present USSONAR

Ad Hoc Journal Reviewer

Journal of Rheumatology
The American Journal of Geriatric Pharmacotherapy
Drugs and Aging
Seminars Arthritis and Rheumatism

Arthritis Research and Therapy
Arthritis Care and Research
Arthritis and Rheumatology

Grant/Abstract Reviewer

Local

2012 Iris Cantor Women's Health Pilot Project Program Reviewer
2012 UCLA CTSI K Award Workshop Reviewer

National

2011-2013 Arthritis Foundation Grant Reviewer
2016 ACR: RA – Small molecules, Biologics and Gene Therapy
Abstract Reviewer
2017 ACR: RA Clinical Aspects Abstract Reviewer
2018 **ACR: RA Clinical Aspects Abstract Reviewer**

Professional Society Service

National

2010 Moderator for the American College Rheumatology- Rheumatoid
Arthritis Treatment - Small Molecules, Biologics and Gene
Therapy: Existing Biologics IV
2011 Moderator for the American College Rheumatology - Rheumatoid
Arthritis Treatment - Small Molecules, Biologics, Therapy: Novel
Compounds II
2011 American College Rheumatology Rheumatoid Arthritis Clinical
Trials IMAGING Task Force
2012 ACR: Epidemiology and Health Services Research Abstracts
Reviewer
2012 Moderator for the ACR/ARHP Epidemiology Abstract Session
2013 ACR: CARE Geriatric Module
2015-present **Federal Drug Administration (FDA) Arthritis Advisory
Committee**
2016-present **ACR: RA Disease Activity Measurement (RADAM)**
2016-present **ACR: Chair of the Musculoskeletal Ultrasound Certification in
Rheumatology (RhMSUS) Oversight Committee**
2017 Moderator for the American College Rheumatology - Clinical
Aspects I: Cardiac Comorbidities

Local

2005-present **UCLA Rheumatology Fellowship Selection Committee
Member**
2013 UCLA Internal Medicine Residency Interview Committee
2015-2016 UCLA CTRC Scientific Advisory Committee (SAC)
2015-2018 UCLA Research Operations Advisory Group (ROAG)
2016-present **UCLA CTRC Data Safety Monitoring Board (DSMB)**
2016-present **UCLA CTRC Scientific Review Committee (SRC)**

2016-present	UCLA Rheumatology Fellowship Clinical Competence Committee (CCC)
2017-present	UCLA Rheumatology Fellowship PECK-Annual Performance Committee (APE)
2018	UCLA Medical School Admissions Interviewer

Consulting

2015-2017	Bristol Meyer Squibb Advisory Board
2016-2018	Data Safety and Monitoring for Amgen Clinical Trial

Honors and Awards

1998	UCLA STAR Summer Research Fellowship
1999	Western Student Medical Research Award
2005	ACR Travel Grant to European Workshop for Rheumatology Research
2006	OMERACT Fellow Travel Grant
2012	ACR Musculoskeletal Ultrasound Train-the-Trainer Program
2012	DOM Poster Competition Award (mentee Vikram Garg)
2013	DOM Poster Competition Award

Research Grants Received

Current:

6/2014- PI: Veena K. Ranganath
Genentech, “Musculoskeletal Ultrasound in Predicting Early Dose Titration with Tocilizumab”
The major goal of this project is to determine the efficacy of musculoskeletal ultrasound in predicting the role of early dose titration with tocilizumab in patients with active Rheumatoid Arthritis.

2/2015- PI: Veena K. Ranganath
Pfizer, “Musculoskeletal Ultrasound Assessment of Therapeutic Response of Tofacitinib in RA Patients”
The major goal of this project is to determine the efficacy of musculoskeletal ultrasound in predicting response to tofacitinib in patients with active Rheumatoid Arthritis.

6/2015- PI: Bevra Hahn, Co-I: Veena K Ranganath
Bristol Meyer Squibb, “Efficacy of Abatacept in Inflammatory Polyarthrititis of Systemic Lupus Erythematosus (SLE)”

7/2016-6/2019 PI: Veena K. Ranganath
RRF Disease Targeted Innovative Research Grant, “Ultrasound Assessment of Obese RA Patients in a Weight Loss Program”
The major goal of this pilot study is to evaluate if weight loss in obese RA patients will improve clinical and imaging outcomes and aid in the therapeutic RA management paradigm.

12/2016- PI: Veena K. Ranganath
Bristol Meyer Squibb, “Musculoskeletal Ultrasound (MSUS) and the decision to switch therapy in established Rheumatoid Arthritis patients”
The major goal of this ultrasound study was to give 1st and 2nd year rheumatology fellows the opportunity to learn ultrasound and learn how to conduct research.

7/2017- PI: Veena K. Ranganath
Mallinckrodt, “Use of Acthar in Rheumatoid Arthritis Flares”
The major goal of this project is to determine the efficacy of acthar in rheumatoid arthritis flare, by utilizing musculoskeletal ultrasound.

Completed:

2005-2007 PI: Veena K. Ranganath
ACR/REF/ASP Junior Career Development Award in Geriatric Medicine, “Characteristics and Outcomes in Sero-Positive Late-Onset Rheumatoid Arthritis Patients who Start a New Disease Modifying Anti-Rheumatic Drug”

2006-2009 PI: Veena K. Ranganath.
UCLA Older Americans Independence Center (OAIC), Career Development Award 2006-9 “Clinical Characteristics, Outcomes and Predisposing Genetic Factors for Older Onset Rheumatoid Arthritis”

2007-2009 PI: Veena K. Ranganath.
ACR/REF Clinical Investigator Fellowship Award 2007-9,
“Genetic Factors in Older Onset Rheumatoid Arthritis”

2007-2009 PI: Harold Paulus
ACR/REF Within Our Reach Award 2007-9, “Joint MRI to Validate Clinical Remission Criteria in Early RA”
Co-PI: Veena K. Ranganath

2008 PI: Jennifer Grossman
ACR/RFA “Guidelines for the Prevention and Management of Glucocorticoid-Induced Osteoporosis”
Co-I: Veena K. Ranganath

2008 PI: Veena K. Ranganath
UCLA GCRC Grant “Potential Markers of Response to Therapy in RA Patients: A Pilot Study”

2008-2009 PI: Veena K. Ranganath
OAIC Research Funding Grant “Potential Markers of Response to Therapy in RA Patients: A Pilot Study”

2008-2010 PI: Michael Irwin
NIH/NHLBI, R01 HL079955 Irwin (PI), "Sleep and Immune Mechanisms in Rheumatoid Arthritis"
Co-I: Veena K. Ranganath

2009-2010 PI: Veena K. Ranganath
ACR/REF/AF Career Development Bridge Funding Award

2009-2012 Co-PIs: Veena K. Ranganath, Sara Hurvitz
Iris Cantor-UCLA Women's Health Center Pilot Award "Prospective Study of Aromatase Inhibitor-Associated Musculoskeletal Symptoms in Non-Metastatic, Post-Menopausal Breast Cancer Patients"

2010-2016 PI: Veena K. Ranganath
NIH Mentored Patient-Oriented Research Career Development Award (K23) AR057818-01A1
"Biomarkers for Early Therapeutic Response in Older RA Patients"

05/2011-04/30/15 PI: Veena K. Ranganath
Bristol Meyer Squibb, "Musculoskeletal Ultrasound in Predicting Early Response to Therapy with Abatacept"

Sponsored Clinical Trials

Completed:

Protocol # ABT-712 Altman (PI) 5/2005
"An open-label study evaluating the safety and tolerability of long term administration of Hydrocodone/Acetaminophen extended release tablets (Vicodin® CR) in subjects with moderate to severe chronic non-malignant pain"
Role: Co-I

Protocol# Altman (PI) 10/2006-12/2007
"A Double-Blind, Randomized, Placebo-Controlled Study of the Efficacy and Safety of EUFLEXXA™ for Treatment of Painful Osteoarthritis of the Knee, with an Open-Label Safety Extension"
Role: Co-I

Protocol#WA18696C Furst (PI) 8/2006-4/2012
Hoffmann-La Roche, Inc.
"Long-term Extension Study of Safety during Treatment with Tocilizumab (MRA) in Patients Completing Treatment in MRA Core Studies"
Role: Co-I

Protocol#3206K1-2203 Furst (PI) 8/2008-12/2011
Wyeth Research

“Randomized, Parallel, Double-Blind, Placebo-Controlled Dose Regimen Finding Study to Evaluate the Safety and Efficacy of TRU-015 in Subjects with Active Seropositive Rheumatoid Arthritis on a Stable Background of Methotrexate”

Role: Co-I

Protocol#C87084 Furst (PI) 12/2008-12/2010

UCB Pharma, Inc./Chiltern International Limited

"A Phase IIIb, Multicenter Open-Label, Follow-up Study to Evaluate the Safety and Efficacy of Certolizumab Pegol Administered Concomitantly with Methotrexate in Patients with Active Rheumatoid Arthritis who Participated in C87077”

Role: Co-I

Protocol#C87077 Furst (PI) 2/2008-2/2010

UCB Pharma, Inc./Chiltern International Limited

"A Phase IIIb Open-Label Run-In and Double-Blind Randomized Study to Evaluate the Safety and Efficacy of Certolizumab Pegol Administered Concomitantly with Stable-Dose Methotrexate in Patients with Active Rheumatoid Arthritis"

Role: Co-I

Protocol# WA17823C Furst (PI) 12/2005-6/2012

Hoffmann-La Roche, Inc.

“A Randomized, Double-blind, Parallel Group Study of the Safety and Prevention of Structural Joint Damage during Treatment with MRA versus Placebo, in Combination with Methotrexate, in Patients with Moderate to Severe Active Rheumatoid Arthritis”

Role: Co-I

Protocol#ML21136 Furst (PI) 10/2008-6/2009

Roche Laboratories, Inc.

"A Randomized, Double-blind, Parallel-Group Study to Evaluate the Safety and Efficacy of Tocilizumab (TCZ) versus Placebo in Combination with Disease Modifying Antirheumatic Drugs (DMARDs) in Patients with Moderate to Severe Active Rheumatoid Arthritis (RA)”

Role: Co-I

Protocol#RA0056 Furst (PI) 08/2011-08/2012

UCB Pharma, Inc.

“A Phase 2 Multi-Center, Open-Label, Follow-up Study to Assess the Long-Term Safety and Efficacy of CP6038 Administered Subcutaneously to Subjects with Active Rheumatoid Arthritis Who Completed Study RA0056”

Role: Co-I

Protocol#RA0017 Ranganath (PI) 12/2009-10/2011

UCB Inc.

Schwarz Biosciences

“A Phase 4, Randomized, Single-blind, Placebo-controlled, Multicenter Study to Evaluate the Immunogenicity of Pneumococcal and Influenza Vaccines in Adult Subjects with Rheumatoid Arthritis receiving Certolizumab Pegol or Placebo” Protocol#RA0017

Protocol#IM101-235 Furst (PI) 8/2010-12/2011
Bristol-Myers Squibb

“A Randomized, Head-to-Head, Single-Blind Study to Compare the Efficacy and Safety of Subcutaneous Abatacept versus Subcutaneous Adalimumab, Both with Background Methotrexate, in Biologic-Naïve Subjects with Rheumatoid Arthritis”

The major goal of this project is to compare the safety of Abatacept vs Adalimumab in biologic-naïve subject with RA.

Role: Co-I

Protocol#CCT-PDA001-001 Furst (PI) 03/2011-02/2012
Celgene Corporation

“A Phase 2, Randomized, Double-Blind, Placebo-Controlled, Multi-Center Study to Evaluate the Safety and Efficacy of Intravenous Infusion of Human Placenta-Derived Cells (PDA001) for the Treatment of Adults with Active Rheumatoid Arthritis”

Role: Co-I

Protocol#RA0033 Ranganath (PI) 08/2011-08/2012
UCB Inc.

Schwarz Biosciences

“A Phase 3B, Open-Label, Multicenter, Exploratory Study to Assess Changes in Joint Inflammation Using Ultrasonography in Subjects with Rheumatoid Arthritis Treated for 12 Weeks with Certolizumab Pegol”

Invited Presentations

National:

- 2004 RADIUS Steering Committee Meeting Presentation:
“Characteristics and Outcomes in Sero-Positive Late-Onset Rheumatoid Arthritis Patients who Start a New Disease Modifying Anti-Rheumatic Drug”
- 2007 ACR Annual Meeting Study Group Session Geriatric Rheumatology “Older Onset Rheumatoid Arthritis”
- 2007 American College of Rheumatology Geriatric Study Session: “Genetics in Older Onset Rheumatoid Arthritis”
- 2012 ACR Annual Meeting Speaker for Geriatric Rheumatology Study Group
- 2012 ACR/AF Rheumatology Research Workshop “My Path to Successful K23 Funding”
- 2012 NIAMS Forum for Clinical Mentored K Awardees
- 2012 ACR Annual Meeting Study Group Session Geriatric Rheumatology
“Rheumatoid Arthritis in the Elderly”
- 2014 ISEMIR Meeting “Ultrasound in Clinical Research”
- 2016 UAB Rheumatology lecture: “Imaging in Rheumatoid Arthritis”

- 2017 Rheumatology Research Foundation Investigator Meeting June 2017: “Ultrasound Assessment of Obese RA Patients on a Weight Loss Program”
- 2017 American College of Rheumatology Meet the Professor November 2017, “Rheumatoid Arthritis-Challenging Cases”
- 2018 American College of Rheumatology Board of Directors Meeting February 2018 “RhMSUS Oversight Committee Overview and Action”
- 2018 Rheumatology Research Foundation Investigator Meeting June 2018: “Ultrasound Assessment of Obese RA Patients on a Weight Loss Program”
- 2018 Educational Needs Assessment in Rheumatoid Arthritis: Online CME Program

Local:

- 2003-2004 Arthrocentesis Lecture for the VA Greater Los Angeles Healthcare System- Internal Medicine Intern Lecture Series
- 2006 UCLA Rheumatology Grand Rounds, “Geriatric Rheumatology”
- 2005 LA Arthritis CME Workshop: *Inflammatory Arthritis- What You Need To Know In 2005*; Lectures presented and workshop for Primary Care Physicians
- 2007 LA Arthritis CME Workshop: *Inflammatory Arthritis- What You Need To Know In 2007*; Lecture presented and workshop for teaching Primary Care Physicians
- 2007 Geriatric Research Seminar “Elderly Onset Rheumatoid Arthritis”
- 2007 Rheumatology UCLA Research Conference “Outcomes in Rheumatoid Arthritis”
- 2007 Rheumatology UCLA Grand Rounds “Quality Improvement at UCLA in Rheumatology”
- 2008 Rheumatology Olive View Lecture: “Outcomes in Rheumatoid Arthritis”
- 2008 Rheumatology UCLA Grand Rounds: “Approach to Inflammatory Arthritis”
- 2010 Rheumatology UCLA Research Conference: “Comorbidities in RA”
- 2010 Rheumatology Clinical Conference USC: “Remission RA”
- 2011 Chair for “30th Carl M. Pearson Memorial Symposium Frontiers of Rheumatology”
- 2012 Iris Cantor-UCLA Women's Health Center Lecture: "Remission in RA"
- 2012 Rheumatology Olive View Lecture: “Remission/Imaging in Rheumatoid Arthritis”
- 2013 Pfizer Preceptorship Workshop and Lecture 2013, “Imaging in Rheumatoid Arthritis”, Workshop Instructor
- 2014 Carl M. Pearson Memorial Symposium, Frontiers of Rheumatology, Instructor for Musculoskeletal Ultrasound Workshop (wrist)
- 2014 Citrus Valley Medical Center Lecture: “Rheumatoid Arthritis”
- 2014 Rheumatology Olive View Lecture: “Rheumatoid Arthritis”
- 2014 Rheumatology UCLA Grand Rounds: “Rheumatoid Arthritis”
- 2015 UCLA Musculoskeletal Ultrasound Course and Hands-on Workshop 2015, Ultrasound Workshop Instructor
- 2015 Carl M. Pearson Memorial Symposium, Frontiers of Rheumatology Instructor for Musculoskeletal Ultrasound Workshop (wrist)
- 2015 Rheumatology UCLA Grand Rounds: “Rheumatoid Arthritis”
- 2015 Pfizer Preceptorship Workshop and Lecture 2015, “Imaging in Rheumatoid Arthritis”, Workshop Instructor

- 2016 UCLA Musculoskeletal Ultrasound Course and Hands-on Workshop 2016, Ultrasound Workshop Instructor
- 2016 Rheumatology Olive View Lecture: “OMERACT MRI”
- 2016 Northridge Hospital Medical Center Lecture: “Rheumatoid Arthritis”
- 2016 UCLA Department of Medicine (DOM) Grand Rounds Lecture: “Imaging in Rheumatoid Arthritis”
- 2016 UCLA Internal Medicine Residency Lecture: “Approach to Early RA”
- 2016 YMCA Santa Monica Community Lecture: “Rheumatoid Arthritis”
- 2017 UCLA Musculoskeletal Ultrasound Course and Hands-on Workshop 2017, Ultrasound Workshop Instructor
- 2017 Iris Cantor-UCLA Women’s Health Center Women’s Health CME Series Lecture: “Rheumatoid Arthritis- Ultrasound and MRI Clinical Use”
- 2017 UCLA Rheumatology Grand Rounds, “Rheumatoid Arthritis”
- 2017 UCLA Internal Medicine Residency Lecture: “Rheumatoid Arthritis”
- 2018 WLA VA Internal Medicine Residency Lecture: “Rheumatoid Arthritis”
- 2018 UCLA Rheumatology Conference: “Chalk Talk Rheumatoid Arthritis”

Teaching/Mentoring Activities:

- 2006 Problem Based Learning Block 4 Instructor: Neurologic, Musculoskeletal & Psychiatric Medicine 1 (Class of 2009), for First Year Medical Students
- 2007 Medical Student Web Based Learning: Developed Module on Rheumatoid Arthritis
- 2013 Preceptor for 2nd Year Clinical Skills UCLA Medical Student (Minimum 24hrs of Teaching Credit)

BIBLIOGRAPHY**RESEARCH PAPERS (PEER REVIEWED)****A. RESEARCH PAPERS - PEER-REVIEWED**

1. **Ranganath VK**, Elashoff D, Khanna D, Park, GS, Paulus HE, Western Consortium of Practicing Rheumatologists. Age-Adjustment Corrects for Apparent Differences in ESR and CRP Values at the Onset of Sero-positive Rheumatoid Arthritis in Younger and Older Patients. *J Rheumatol*. 2005 Jun; 32(6):1040-2. PMID: 15940764
2. **Ranganath VK***, Khanna D*, Fitzgerald J, Park GS, Altman RD, Elashoff D, Gold RH, Sharp JT, Furst DE, Paulus HE; Western Consortium of Practicing Rheumatologists. Increased radiographic damage scores at the onset of seropositive rheumatoid arthritis in older patients are associated with osteoarthritis of the hands, but not with more rapid progression of damage. *Arthritis Rheum*. 2005 Aug;52(8):2284-92. PMID:16052588
*Corresponding first-author
3. Khanna D, Oh M, Furst DE, **Ranganath VK**, Gold R, Sharp JT, Park G, Keystone EC, and Paulus HE, for the Western Consortium of Practicing Rheumatologists. Evaluation of the Preliminary Definitions of Minimal Disease Activity and Remission in an Early Seropositive Rheumatoid Arthritis Cohort. *Arthritis Rheum*. 2007 Apr 15;57(3):440-7. PMID: 17394230
4. **Ranganath VK***, Yoon J*, Park GS, Furst DE, Khanna D, Elashoff D, Jawaheer D, Sharp JT, Gold RH, Keystone EC, Paulus HE, for the Western Consortium of Practicing Rheumatologists. Comparison of Composite Measures of Disease Activity in an Early Seropositive Rheumatoid Arthritis Cohort. *Ann Rheum Dis*. 2007 Dec;66(12):1633-40. Epub 2007 May 1. PMID: 17472996
*Corresponding first-author
5. MacLean C, Maglione M, McMahon M, **Ranganath V**, Suttorp M, Mojica W, Timmer M, Alexander A, Desai SH, McNamara M, Newberry S, Zhou A, Chen S, Carter J, Tingale C, Valentine D, Grossman J. Comparative Effectiveness of Treatments to Prevent Fractures in Men and Women with Low Bone Density or Osteoporosis. *Ann Intern Med*. 2008 Feb 5;148(3):197-213. PMID: 18087050
6. MacLean C, Alexander A, Carter J, Chen S, Desai SB, Grossman J, Maglione M, McMahon M, McNamara M, Mojica W, Newberry S, **Ranganath V**, Suttorp M, Timmer M, Tringale C, Valentine D, Zhou A. Comparative Effectiveness of Treatments To Prevent Fractures in Men and Women With Low Bone Density or Osteoporosis [Internet]. Rockville (MD): Agency for Healthcare Research and Quality (US); 2007 Dec. PMID: 20704035
7. **Ranganath VK**, Harold Paulus, Alina Onofrei, Dinesh Khanna, George Reed, David A. Elashoff, Joel Kremer, Daniel E. Furst. Functional Improvement After RA Patients Start a New Disease Modifying Anti-rheumatic Drug Associated with Frequent Changes in DMARDs: CORRONA Database. *J Rheumatol*. 2008 Oct;35(10):1966-71. PMID: 18785317

8. Amjadi S, Maranian P, Paulus H, Kaplan RM, **Ranganath V**, Furst D, Khanna D for the Western Consortium of Practicing Rheumatologists* Validating and Assessing the Sensitivity of the Health Assessment Questionnaire-Disability Index Derived SF-6D in Patients with Early Aggressive Rheumatoid Arthritis. *J Rheumatol*. 2009 Jun;36(6):1150-1157. PMID: 19369459
9. Furst DE, Chang H, Greenberg J, **Ranganath VK**, Reed G, Ozturk ZE, Kremer J. Prevalence of Low Hemoglobin Levels in Association with Other Disease Parameters in Patients with Rheumatoid Arthritis: Evidence from the CORRONA Registry. *Clin Exp Rheumatol*. 2009 Jul-Aug;27(4):560-6. PMID: 19772785
10. Weng HH, **Ranganath VK**, Khanna D, Oh M, Furst DE, Park GS, Elashoff D, Sharp JT, Gold RH, Peter JB, Paulus HE, and the Western Consortium of Practicing Rheumatologists. Equivalent Responses to DMARDs Initiated at Any Time During the First 15 Months After Symptom Onset in Seropositive RA Patients: An Observational Study. *J Rheumatol*. 2010 Mar;37(3):550-7. PMID: 20110517
11. Weng HH, **Ranganath VK**, Oh M, Park GS, Khanna D, Clements PJ, Seibold JR, Elashoff D, Furst DE. Differences in Presentation of Younger and Older Systemic Sclerosis Patients in Clinical Trials. *Clin Exp Rheumatol*. 2010 Sep-Oct;28(5 Suppl 62):S10-4. Epub 2010 Nov 3. PMID: 21050539
12. Grossman JM, Gordon R, **Ranganath VK**, Deal C, Caplan L, Chen W, Curtis J, Furst DE, McMahon M, Patkar NM, Volkman E, Saag KG. American College of Rheumatology 2010 Recommendations for the Prevention and Treatment of Glucocorticoid Induced Osteoporosis. *Arthritis Care Res (Hoboken)*. 2010 Jul 26. PMID: 20662044
13. Grossman JM, **Ranganath VK**, Chen W, Furst DE, McMahon M, Volkman E, Rebecca Gordon, Deal C, Caplan L, Curtis JR, Patkar NM, Saag KG. Reply. *Arthritis Care Res (Hoboken)*. 2012 Jan;64(1):157-8. doi: 10.1002/acr.20650. PMID: 20662044
14. Charles-Schoeman C, Lee YY, Grijalva V, Amjadi S, Fitzgerald J, **Ranganath VK**, Taylor M, McMahon M, Paulus HE, Reddy ST. Cholesterol efflux by high density lipoproteins is impaired in patients with active rheumatoid arthritis. *Ann Rheum Dis*. 2012 Jan 20. PMID: 22267330
15. Irwin MR, Olmstead R, Carrillo C, Sadeghi N, FitzGerald JD, **Ranganath VK**, Nicassio PM. Sleep Loss Exacerbates Fatigue, Depression, and Pain in Rheumatoid Arthritis. *SLEEP*, Vol. 35, No. 4, 2012. PMID: 22467992
16. Jawaheer D, Messing S, Reed G, **Ranganath VK**, Kremer JM, Louie JS, Khanna D, Greenberg JD, Furst DE. Men are significantly more likely than women to achieve sustained remission in the CORRONA Cohort of rheumatoid arthritis patients. *Arthritis Care Res (Hoboken)*. 2012 Jun 21. PMID: 22730408

17. McAlindon T, Kissin E, Nazarian L, **Ranganath VK**, Prakash S, Taylor M, Bannuru RR, Srinivasan S, Gogia M, Maureen A McMahon, Grossman J, Kafaja S, FitzGerald J, American College of Rheumatology Report on Reasonable Use of Musculoskeletal Ultrasonography in Rheumatology Clinical Practice. *Arthritis Care Res (Hoboken)*. 2012 Nov;64(11):1625-40. PMID: 23111854
18. Doyle MK, Rahman MU, Frederick B, Birbara C, de Vries D, Toedter G, Wu X, Chen D, **Ranganath VK**, Westerman M, Furst DE. Effects of Subcutaneous and Intravenous Golimumab on Inflammatory Biomarkers in Patients with Rheumatoid Arthritis; *Rheumatology (Oxford)*. 2013 Feb 14. PMID: 23418046
19. Curtis JR, McVie T, Mikuls TR, Renolyds R, Navarro-Millán I, O'Dell JR, Moreland LW, Bridges Jr. SL, **Ranganath VK**, Cofield SS. Clinical Response within 12 Weeks as a Predictor of Future Low Disease Activity in Early RA Patients: Results from the TEAR Trial. *J Rheumatol*. 2013 Apr 15. PMID: 23588939
20. O'Dell JR, Curtis JR, Mikuls T, Cofield SS, Bridges Jr SL, **Ranganath VK**, Moreland LW for the TEAR trial Investigators. Validation of Methotrexate-First Strategy in Early RA: The randomized double-blind 2-year TEAR trial. *Arthritis Rheum*. 2013 May 17. PMID: 23686414
21. **Ranganath VK**, Maranian P, Elashoff D, Woodworth T, Khanna D, Hahn T, Sarkisian C, Kremer JM, Furst DE (1) and Paulus HE(1), (1) co-senior authors who shared equally. Comorbidities are Associated with Poorer Outcomes in Community Patients with Rheumatoid Arthritis. *Rheumatology (Oxford)* 2013 Jun 27. PMID: 23813577
22. **Ranganath VK**, Strand V, Peterfy CG, Ostergaard M, Deodhar A, Landewe R, Troum O, Conaghan PG. The Utility of Magnetic Resonance Imaging for Assessing Structural Damage in Randomized Controlled Trials in Rheumatoid Arthritis: Report from the Imaging Group of the American College of Rheumatology RA Clinical Trials Task Force. *Arthritis Rheum*. 2013 Jul 9. PMID: 23840013
23. Charles-Schoeman C, Lee YY, Shahbazian A, Gorn AH, Fitzgerald J, **Ranganath VK**, Taylor M, Ragavendra N, McMahon M, Elashoff D, Reddy ST. Association of Paraoxonase 1 gene polymorphisms and enzyme activity with carotid plaque in rheumatoid arthritis. *Arthritis Rheum*. 2013 Aug 5. PMID: 23917967
24. Martin WJ, Shim M, Paulus HE, Chaudhari S, Feng J, Elashoff D, Hahn TJ, and **Ranganath VK**; RADIUS Investigators. Older age at rheumatoid arthritis onset and comorbidities correlate with less Health Assessment Questionnaire-Disability Index and Clinical Disease Activity Index response to etanercept in the RADIUS 2 registry. *J Clin Rheumatol*. 2014 Sep;20(6):301-305.
25. **Ranganath VK**, Motamedi K, Haavardsholm EA, Maranian P, Elashoff D, Chen W, Duffy EL, McQueen F, Moreland L, Louie J, Amjadi S, O'Dell J, Cofield SS, Curtis JR, Bathon JM, St.Clair EW, Bridges Jr. SL, Paulus HE. Comprehensive Appraisal of MRI Findings in

- Sustained RA Remission: Sub-Study of the TEAR Trial. *Arthritis Care Res (Hoboken)*. 2015 Jan 7. doi: 10.1002/acr.22541.
26. Troum OM, Pimienta OL, Schmidt WA, Ostergaard M, D'Agostino MA, Gaylis N, Arnold W6, Ben-Artzi A, **Ranganath V**, Seraphine JL, Peterfy C. Proceedings from the 7th Annual International Society for Musculoskeletal Imaging in Rheumatology (ISEMIR) conference. *Semin Arthritis Rheum*. 2015 Aug;45(1):115-21. PMID: 25908178.
 27. **Ranganath VK**, Ben-Artzi A, Duffy E, Brook J, Taylor M, Choi S, Paulus H, and Elashoff DA. Elevated baseline power Doppler discriminates an RA subgroup highly responsive to therapy. *Rheumatology (Oxford)* 2015. Dec;54(12):2285-6. PMID: 26316582
 28. Peterfy C, Strand V, Tian L, Østergaard M, Lu Y, DiCarlo J, Countryman P, Deodhar A, Landewé R, **Ranganath VK**, Troum O, Conaghan PG. Short-term changes on MRI predict long-term changes on radiography in rheumatoid arthritis: an analysis by an OMERACT Task Force of pooled data from four randomised controlled trials. *Ann Rheum Dis*. 2017 Jun;76(6):992-997. PMID: 27974302.
 29. Bauer EM, Ben-Artzi A, Duffy EL, Elashoff DA, Vangala SS, Fitzgerald J, **Ranganath VK**. Joint-Specific Assessment of Swelling and Power Doppler in Obese Rheumatoid Arthritis Patients. *BMC Musculoskelet Disord*. 2017 Mar 4;18(1):99. PMID 28259162.
 30. Woodworth TG, Morgacheva O, Pimienta OL, Troum OM, **Ranganath VK**, Furst DE. Examining the validity of the rheumatoid arthritis magnetic resonance imaging score according to the OMERACT filter-a systematic literature review. *Rheumatology (Oxford)*. 2017. Jul 1;56(7):1177-1188. PMID: 28398508.
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