

Within Our Reach Grant Recipients

Fifth-round Grant Recipients

Clinical Trial Planning Grants

Cynthia Aranow, MD
The Feinstein Institute for Medical Research
Using the Cholinergic Anti-Inflammatory Pathway to treat Rheumatoid Arthritis

Jeffrey R. Curtis, MD, MS, MPH
University of Alabama at Birmingham
Safety and Effectiveness of Herpes Zoster Vaccination in Rheumatoid Arthritis Patients

Kevin D. Deane, MD
University of Colorado Denver
Pre-Clinical Interventions to Prevent Future Rheumatoid Arthritis

Larry W. Moreland, MD
University of Pittsburgh
Comparative Effectiveness of Biologics in Rheumatoid Arthritis Patients Who Have Failed One Anti-TNF (COEBRA)

Fourth-round Grant Recipients

Collaborative Grants

Translational Research

Joan M. Bathon, MD
Columbia University
Biomarkers of Enhanced Cardiovascular Risk in Rheumatoid Arthritis

Daniel L. Mueller, MD
The University of Minnesota
Mechanisms of Pregnancy-Driven Tolerance in Rheumatoid Arthritis

Clinical Practice

Ted R. Mikuls, MD, MSPH
The University of Nebraska Medical Center
*Periodontal Disease and *P. Gingivalis* in Rheumatoid Arthritis*

Investigator-Initiated Grants

Translational Research

Dana P. Ascherman, MD

University of Miami

Peripheral Blood Biomarkers of Rheumatoid Arthritis-Associated Interstitial Lung Disease

Jill M. Norris, MPH, PhD

University of Colorado Denver

Autoantibodies, Inflammation, and Cardiovascular Disease in Pre-Clinical Rheumatoid Arthritis

Nancy J. Olsen, MD

Pennsylvania State University M.S. Hershey Medical Center

Methotrexate and JUN Pathway Activation in Rheumatoid Arthritis

Clinical Practice

Susan J. Blalock, PhD, MPH

The University of North Carolina at Chapel Hill

Communication Risks Associated with Prescription Medications in Rheumatoid Arthritis

Sonye K. Danoff, MD, PhD

Johns Hopkins University

Rheumatoid Arthritis-Associated Lung Disease: Using Quantitative Markers to Improve Clinical Practice

Patricia P. Katz, PhD

The University of California, San Francisco

Sources of Fatigue in Rheumatoid Arthritis

Third-round Grant Recipients

Innovative Basic Research

Stephanie L. Constant, PhD

George Washington University

Inhibiting Recruitment of Inflammatory Leukocytes in Rheumatoid Arthritis

Leonard Dragone, MD, PhD

University of Colorado, Denver

Understanding how alterations in TCR signaling influence the pathogenesis of RA

I-Cheng Ho, MD, PhD

Brigham and Women's Hospital

Roles of Nuclear PTPN22 in Th Cells-Mediated Autoimmunity

Xiaoyu Hu, MD, PhD

Hospital for Special Surgery

Regulation of Inflammation by Notch Pathway

Erik Peterson, MD
University of Minnesota
The Role of RA-Associated PTPN22 in T Cell Development and Function

David W. H. Riches, PhD
National Jewish Health
Lung Involvement in Rheumatoid Arthritis

William Robinson, MD, PhD
Stanford University
The role of carboxypeptidase B and its substrates in rheumatoid arthritis

Ram Raj Singh, MD
University of California, Los Angeles
Effects of Sex Chromosomes in Conferring Susceptibility to Rheumatoid Arthritis

Jianming Wu, PhD
University of Minnesota
Function of FcγRIIC Gene in Rheumatoid Arthritis

Translational Research

Clifton O. Bingham, III, MD
Johns Hopkins University
Periodontal Disease as an Initiation or Propagation Factor for Rheumatoid Arthritis

Kevin D. Deane, MD
University of Colorado, Denver
The Lung as Site of Initial Immune Dysregulation in Rheumatoid Arthritis

Jon T. Giles, MD
Johns Hopkins University
Mechanisms of Myocardial Dysfunction in Rheumatoid Arthritis

Subramaniam Pennathur, MD
University of Michigan
Dysfunctional HDL, Rheumatoid Arthritis and Cardiovascular Disease

Clinical Practice

Liana Fraenkel, MD, MPH
Yale University
Improving Risk Communication and Decision Making in RA

Francis J. Keefe, PhD
Duke University
Weight Management Intervention in Obese Rheumatoid Arthritis Patients

Second-round Grant Recipients

Innovative Basic Research

Paul Ryan Thompson, PhD
University of South Carolina

Inhibition of PAD Function as a Novel Treatment Strategy for Rheumatoid Arthritis

Gregg J. Silverman, MD
The University of California, San Diego

Natural Antibody Treatment of Inflammatory Arthritis

Ellen M. Gravallese, MD
University of Massachusetts Medical School

Role of sFRP1 and WNT Signaling in Formation and Repair of Erosions in RA

Michael B. Brenner, MD
Brigham and Women's Hospital

How FLS Mediate Cadherin-11 Dependent Inflammation in RA

Xu Feng, PhD
University of Alabama at Birmingham

In vivo Validation of Novel Therapeutic Targets for Arthritic Bone Erosion

Song Guo Zheng, MD
Keck School of Medicine at the University of Southern California

Generation of Collagen-specific CD4⁺Foxp3⁺regulatory T cells Ex-vivo as an Adoptive Immunotherapy for Rheumatoid Arthritis

Richard M. Pope, MD
Northwestern University Feinberg School of Medicine

Endogenous Toll-like Receptor Ligands in Rheumatoid Arthritis

Shiva Shahrara, PhD
Northwestern University Feinberg School of Medicine

The Role of IL-17 in the Pathogenesis of Rheumatoid Arthritis

Steven Reyburn Goldring, MD
Hospital for Special Surgery

Bone Matrix-Induced Osteoclast Genes: Identification of Novel Targets for RA

Translational Research

Larry W. Moreland, MD
University of Pittsburgh

Multi-cytokine Profiling and Correlates with Outcome Measures and Treatment Responses in Patients with Early Rheumatoid Arthritis

Peter K. Gregersen, MD
Feinstein Institute for Medical Research
Cross Racial Strategies for Gene Identification in Rheumatoid Arthritis

William F. C. Rigby, MD
Dartmouth College
CD154 CA Repeat Polymorphisms and RA Pathogenesis

Carl Grunfeld, MD, PhD
University of California, San Francisco
Novel Cardiovascular Disease Risk Factors in Patients with Rheumatoid Arthritis

Robert M. Plenge, MD, PhD
Brigham and Women's Hospital
Genome-wide Association Study of Response to Anti-TNF Therapy in Rheumatoid Arthritis

Clinical Practice

Kenneth G. Saag, MD, MSc
University of Alabama at Birmingham
Improving Bone Health Among RA Patients on Chronic Glucocorticoids

First-round Grant Recipients

Innovative Basic Research

Paul Anderson, MD, PhD
Brigham and Women's Hospital
Post-transcriptional Regulation of TNF alpha Production

Robert H. Carter, MD
Director, Div. Clinical Immunology & Rheumatology
University of Alabama at Birmingham
Autoantigen-specific B cells in Rheumatoid Arthritis

Gary S. Firestein, MD
University of California - San Diego, School of Medicine
Neural Regulation of Synovial Inflammation

Richard A. Flavell, PhD, FRS
Yale University School of Medicine
Regulation of T cell Function in Collagen-induced Arthritis by IL-10

Gary Gilkeson, MD
Medical University of South Carolina
Role of Sphingosine Kinase I in Inflammatory Arthritis

Joseph Holoshitz, MD
University of Michigan - Ann Arbor
Functional Characterization of the Rheumatoid Arthritis Shared Epitope Binding Receptor

Elizabeth D. Mellins, MD
Stanford University School of Medicine
MHC Association in Rheumatoid Arthritis: A Novel Hypothesis

John D. Mountz, MD, PhD
University of Alabama at Birmingham
Novel IL-17 Induced Germinal Center Formation and Arthritis-inducing Autoantibodies

Translational Research

S. Louis Bridges, Jr., MD, PhD
University of Alabama at Birmingham
Genetics and Ethnic Differences in C-Reactive Protein as a Biomarker of Radiographic Severity in Rheumatoid Arthritis

David M. Lee, MD, PhD
Brigham and Women's Hospital
IgG Glycosylation and Rheumatoid Arthritis

Antony Rosen, MD
Johns Hopkins University School of Medicine
Anti-PADI4 Immune Responses in Rheumatoid Arthritis: Markers of Disease Propagation

Cornelia M. Weyand, MD, PhD
Emory University
Defects of Hematopoietic Stem Cell Function in Rheumatoid Arthritis