



ADVANCING TREATMENT AND FINDING CURES

2014 AWARD AND GRANT RECIPIENTS



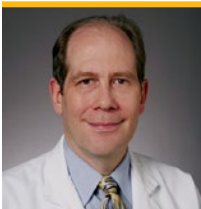
Rheumatology Research Foundation

Advancing Treatment | Finding Cures

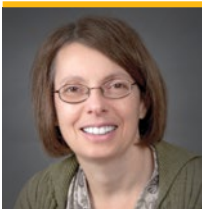
ENSURING THE FUTURE OF RHEUMATOLOGY

The mission of the Rheumatology Research Foundation is advancing research and training to improve the health of people with rheumatic diseases. The Foundation is the largest private funding source of rheumatology training and research programs in the United States. From July 2014 through June 2015, the Foundation will commit more than \$13 million through an extensive grants portfolio to fund essential training and research for medical students and residents exploring rheumatology, young investigators with novel research ideas, rheumatology health professionals and rheumatology career-investigators exploring innovative studies, all of which are listed on the following pages. These individuals have demonstrated that they are the brightest minds in the field dedicated to groundbreaking research that advances patient care and accelerates discoveries.

We would like to extend our sincerest congratulations to the award recipients. We believe they will continue to move the field toward a brighter future. Together we can advance treatment and find cures.



DAVID R. KARP, MD, PHD
PRESIDENT, RHEUMATOLOGY RESEARCH FOUNDATION
CHIEF, RHEUMATIC DISEASES DIVISION
UT SOUTHWESTERN MEDICAL CENTER



ANNE DAVIDSON, MBBS, FRACP
CHAIR, RHEUMATOLOGY RESEARCH FOUNDATION
SCIENTIFIC ADVISORY COUNCIL
INVESTIGATOR, FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH
PROFESSOR OF MOLECULAR MEDICINE
HOFSTRA NORTH SHORE-LIJ SCHOOL OF MEDICINE



The Rheumatology Research Foundation is a highly effective medical research organization with remarkable efficiency in directing donor dollars to its mission, which has earned the Foundation a 4-star rating from Charity Navigator, America's largest independent evaluator of charities, and the GuideStar Exchange Gold participant level.



TABLE OF CONTENTS

ANNUAL MEETING AWARD RECIPIENTS 6

MEMORIAL LECTURESHIPS 7

STUDENT & RESIDENT ACR/ARHP ANNUAL MEETING SCHOLARSHIP 8

STUDENT ACHIEVEMENT AWARD 9

MEDICAL AND PEDIATRIC RESIDENT RESEARCH AWARD. 9

PEDIATRIC RESEARCH AWARD. 10

MARSHALL J. SCHIFF, MD, MEMORIAL FELLOW RESEARCH AWARD. 10

PRECEPTORSHIP RECIPIENTS 12

MEDICAL STUDENT CLINICAL PRECEPTORSHIP. 13

MEDICAL STUDENT RESEARCH PRECEPTORSHIP. 14

HEALTH PROFESSIONAL RESEARCH PRECEPTORSHIP 15

RESIDENT RESEARCH PRECEPTORSHIP 16

EPHRAIM P. ENGLEMAN ENDOWED RESIDENT RESEARCH PRECEPTORSHIP 17

EDUCATION AND TRAINING AWARD RECIPIENTS . 18

AMGEN FELLOWSHIP TRAINING AWARD 19

PAULA DE MERIEUX FELLOWSHIP TRAINING AWARD. 20

TRAINING PROGRAM DEVELOPMENT AWARD . 20

PEDIATRIC VISITING PROFESSORSHIP 21

HEALTH PROFESSIONAL ONLINE EDUCATION GRANT 22

CLINICIAN SCHOLAR EDUCATOR AWARD 23

CAREER DEVELOPMENT RESEARCH AWARD RECIPIENTS 24

SCIENTIST DEVELOPMENT AWARD 25

TOBÉ AND STEPHEN E. MALAWISTA, MD, ENDOWMENT IN ACADEMIC RHEUMATOLOGY 27

INVESTIGATOR AWARD 27

CAREER DEVELOPMENT BRIDGE FUNDING AWARD: K BRIDGE 28

CAREER DEVELOPMENT BRIDGE FUNDING AWARD: K SUPPLEMENT 29

CAREER DEVELOPMENT BRIDGE FUNDING AWARD: R BRIDGE 30

TARGETED RESEARCH GRANT RECIPIENTS 32

DISEASE TARGETED RESEARCH PILOT GRANT 33

DISEASE TARGETED INNOVATIVE RESEARCH GRANT 34

FOUNDATION LEADERSHIP. 36

CONTACT US. 38

ANNUAL MEETING AWARD RECIPIENTS

Annual Meeting Awards recognize scholarship in the field of rheumatology and provide medical and graduate students, residents and fellows an opportunity to attend the ACR/ARHP Annual Meeting.

MEMORIAL LECTURESHIPS

Endowed lectureships support rheumatology research and honor the lives of four outstanding physicians.

Edmund L. Dubois, MD Memorial Lectureship

Presented by: Carolina Landolt-Marticorena, MD, PhD

Oscar S. Gluck, MD Memorial Lectureship

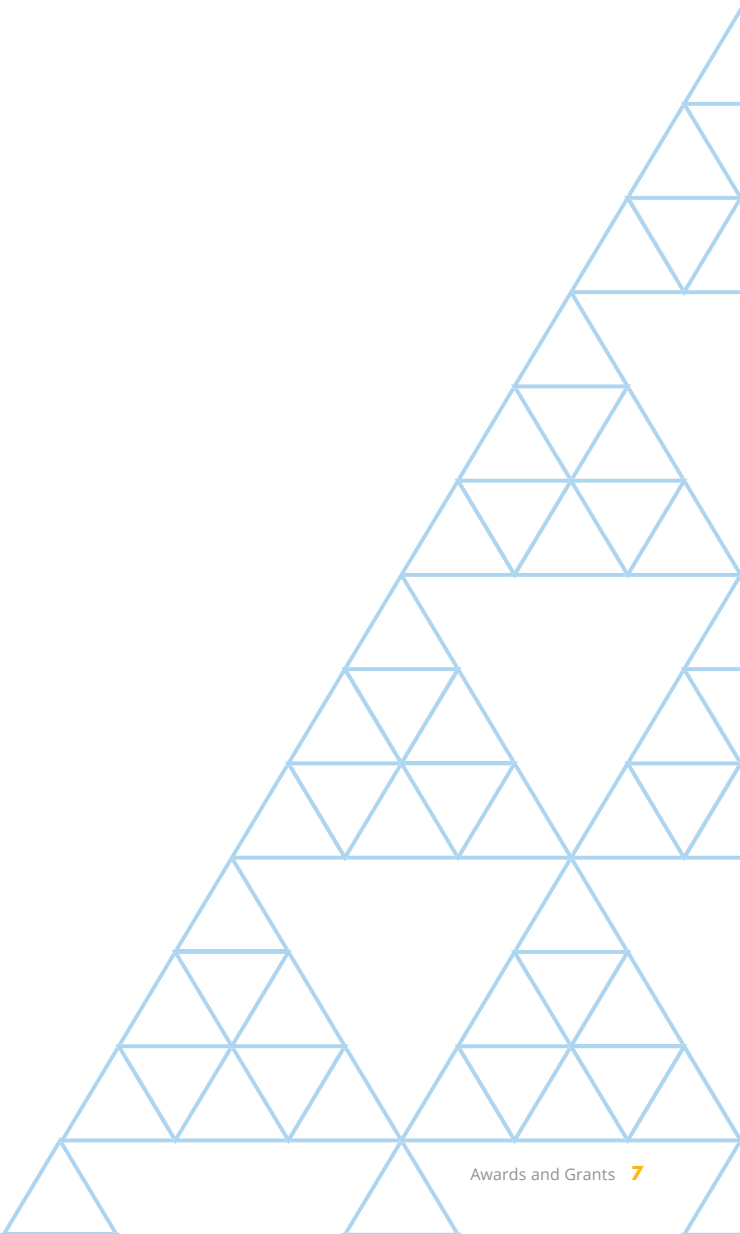
Presented by: Roland Baron, DDS, PhD

Paul Klemperer, MD Memorial Lectureship

Presented by: Lars Klareskog, MD, PhD

Memorial Lectureship, In Honor of Dr. Stephen E. Malawista

Presented by: Robert Terkeltaub, MD



STUDENT AND RESIDENT ACR/ARHP ANNUAL MEETING SCHOLARSHIP

The purpose of the Student & Resident ACR/ARHP Annual Meeting Scholarship is to introduce students and residents in areas of the United States underserved by rheumatologists and rheumatology health professionals to the specialty of rheumatology and rheumatology-related health care in order to better serve patients with rheumatic diseases.

- Hamayon Babary, MD**
University Of Nevada School Of Medicine,
Las Vegas
- Amanda Backs**
Creighton University School of Medicine
- Luke Barre MD, BSc**
Roger Williams Medical Center
- Varun Bhalla MSIV**
University of Arizona
- Angela Marie Christensen, MD**
Tulane Medical Center
- Brian Coburn**
University of Nebraska Medical Center
- Molly Higgins**
Medical University of South Carolina
- Hannah Elizabeth Howard, BS**
University of Oklahoma School of Community
Medicine
- Lisa Hunt, MD**
Medical University of South Carolina
- Matthew Husband**
Medical University of South Carolina
- Gagandeep Kaur, MD**
University Of Nevada School Of Medicine,
Las Vegas
- Aneet Kaur, MBBS**
University of Arkansas for Medical Sciences
- Samara M Khalique, MD**
Louisiana State University Health Science Center

- Kerry M. Leehan, MS**
University of Oklahoma Health Sciences Center
- Marci Macaraeg**
University of Arizona College of Medicine
- Jacob Mathew Jr., DO**
Tripler Army Medical Center
- Nadine N. Mbuyi**
Roger Williams Medical Center, Boston
University School of Medicine
- Catherine Najem, MD**
Roger Williams Medical Center
- Shanley Marie O'Brien, MD**
University of Kansas Medical Center
- Kevin V. Plumley, MD, MPH**
Roger Williams Medical Center, Boston
University School of Medicine
- Adam Przebinda, MD**
University of Oklahoma College of Medicine
- Daphne Scaramangas-Plumley, MD**
Roger Williams Medical Center, Boston
University School of Medicine
- Daniel Shelton, OTS**
Medical University of South Carolina
- Stacy Tanner, MD**
University of Utah
- Cara D. Varley, MPH**
Oregon Health & Science University

STUDENT ACHIEVEMENT AWARD

The purpose of the Student Achievement Award is to recognize medical or graduate students for significant work in the field of rheumatology by providing an opportunity for students to attend the ACR/ARHP Annual Meeting.

- Abhimanyu Amarnani**
SUNY Downstate Medical Center
- Alexandra H. Antonioli, BS**
University of Colorado Medical School
- Julia R. Ayeroff, MA**
University of Southern California
- Desiree R. Azizoddin, MA**
Loma Linda University, Loma Linda
- Gautam Edhayan**
University of Michigan
- Christopher Ferrigno**
Rush University
- Ryan William Gan, MPH**
Colorado School of Public Health
- Rufei Lu, BS**
University of Oklahoma Health Science Center
- Gabrielle Paul**
The Ohio State University College of Medicine
- Rachael Philips, BS**
Mayo Clinic
- Laura Plantinga, ScM**
Emory University
- Julia Rood**
Perelman School of Medicine at the University of
Pennsylvania
- Jennifer M.P. Woo, MPH**
UW-Milwaukee Joseph J. Zilber School of Public
Health

MEDICAL AND PEDIATRIC RESIDENT RESEARCH AWARD

The purpose of the Medical and Pediatric Resident Research Award is to motivate residents to pursue subspecialty training in rheumatology by providing the opportunity to experience rheumatology first-hand at the ACR/ARHP Annual Meeting.

- Micaela F. Bayard, MD**
New York Hospital Queens/ Weill Cornell
Medical College
- Audrey Jan Bearden, MD**
The University of Missouri - Kansas City
- Kevin Byram, MD**
Vanderbilt University Medical Center
- Paras Karmacharya, MD**
Reading Health System
- Sarah B. Lieber, MD**
Beth Israel Deaconess Medical Center
- Gihyun Myung, MD**
Cedars Sinai Medical Center

PEDIATRIC RESEARCH AWARD

The purpose of the Pediatric Research Award is to promote scholarship in the field of pediatric rheumatology, recognize outstanding abstracts and provide an opportunity to attend the ACR/ARHP Annual Meeting. *Funding for this award is made possible through an endowment provided by Amgen, Inc.*

Nicole Ling, MD
University of California, San Francisco

Monica Mahajan, MD
Akron Children’s Hospital

Alysha Jo Taxter, MD
The Children’s Hospital of Philadelphia

Lehn Weaver, MD, PhD
The Children’s Hospital of Philadelphia

MARSHALL J. SCHIFF, MD, MEMORIAL FELLOW RESEARCH AWARD

The purpose of the Marshall J. Schiff, MD, Memorial Fellow Research Award is to recognize outstanding scholarship in the field of rheumatology and provide fellows-in-training who authored or co-authored an abstract submitted to the ACR/ARHP Annual Meeting an opportunity to attend the meeting to present their abstract. *Funding for this award is made possible through an endowment from Dr. and Mrs. Michael H. Schiff and friends.*



Daniel Benjamin Horton, MD
University of Pennsylvania; Nemours duPont Hospital for Children,
Thomas Jefferson University



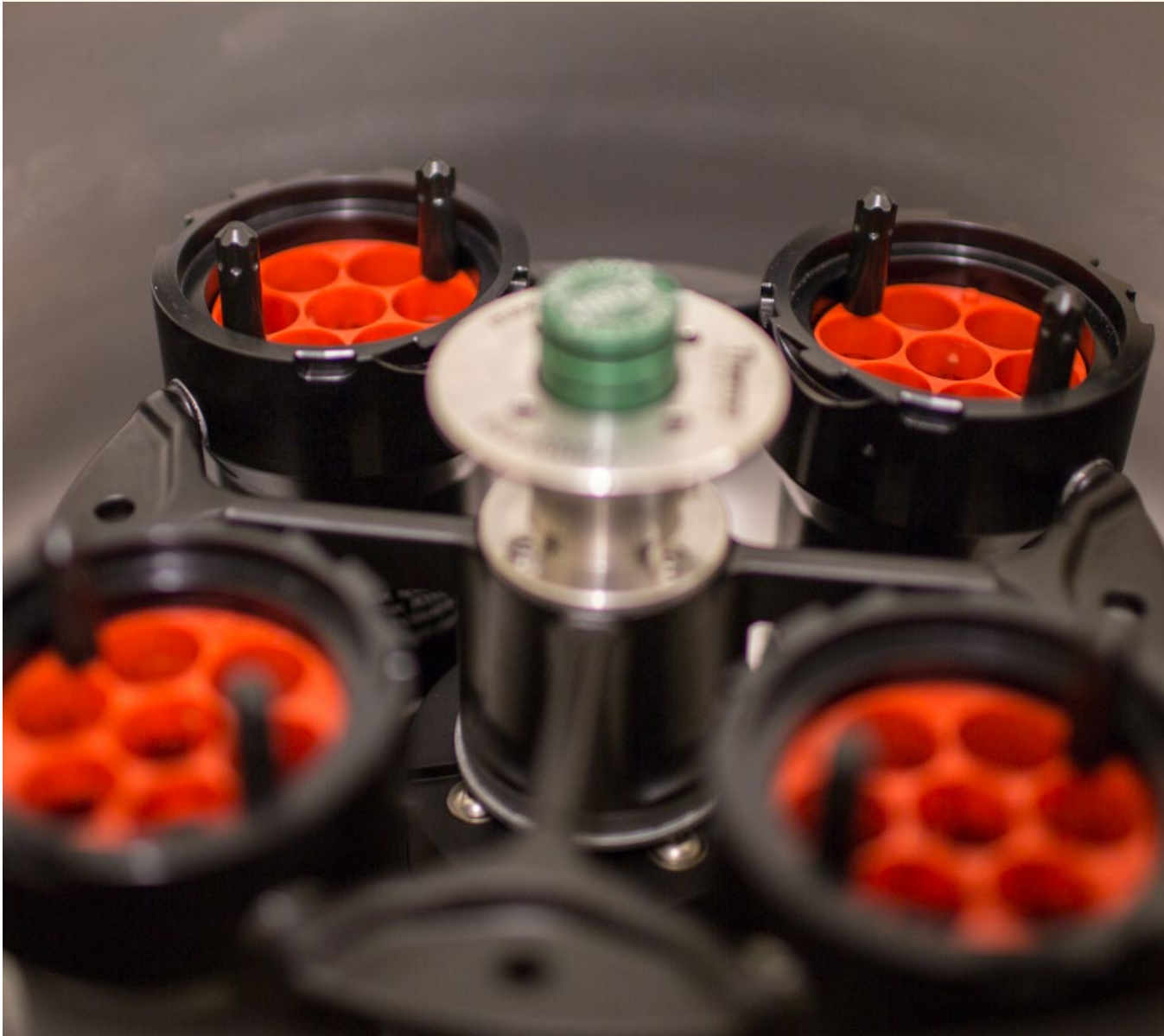
Hanna Kim, MD
Children’s National Medical Center

The Foundation is the largest private funding source of rheumatology research and training in the United States.



CLINICAL TRIALS = \$1,000,000
TARGETED RESEARCH = \$6,375,000
CAREER DEVELOPMENT = \$4,112,500
EDUCATION AND TRAINING = \$1,739,750

*AMOUNTS FOR FY2015





PRECEPTORSHIP RECIPIENTS

The Foundation’s Preceptorship program introduces the best and brightest medical students, graduate students and residents to the field of rheumatology as a possible career path by supporting a mentored one-on-one interaction and real-world learning experience focused on rheumatology.

MEDICAL STUDENT CLINICAL PRECEPTORSHIP

The purpose of the Medical Student Clinical Preceptorship is to introduce students to the specialty of rheumatology by supporting a full-time clinical experience.

- Ikechukwu K. Amobi, BS**
Preceptor: Gail Kerr, MD
Howard University Hospital

Crystal E. Babb, BA
Preceptor: Gail Kerr, MD
Howard University Hospital

Michelle Bobrow, BS
Preceptor: James Jarvis, MD
University at Buffalo Clinical and Translational Research Center

Hannah Brummer
Preceptor: Teresa Hennon, MD
Women & Children’s Hospital of Buffalo

Justin Costello, BA
Preceptor: Diane L. Kamen, MD, MSCR
Medical University of South Carolina

Hayley Crossman, BS
Preceptor: Robert W. Janson, MD
Denver VA Medical Center

Maricruz Domínguez-Quintana
Preceptor: Juanita Romero-Díaz, MD
Instituto Nacional de Ciencias Médicas y Nutrición Salvador Zubirán

David Nazaeth Faz-Munoz
Preceptor: Gabriela Hernandez-Molina, MD, MSc
Instituto Nacional de Ciencias Médicas y Nutrición Salvador Zubirán
- Julieta Ibarra, BS**
Preceptor: Senada Arabelovic, DO
Tufts Medical Center

Sara Koenig McLaughlin, PhD
Preceptor: Seetha Monrad, MD
University of Michigan Medical School

Brian Le
Preceptor: Laura Carbone, MD
Georgia Regents University-Rheumatology

Allison Rice, BS
Preceptor: Diane L. Kamen, MD, MSCR
Medical University of South Carolina

Kenny Rodriguez, BS
Preceptor: Joel Hirsh, MD
Denver Health

Rafael C. Wabl
Preceptor: Manisha Sharma, MD
USCF Fresno Medical Education Program

Timothy Yen, BA
Preceptor: Sam Dalvi, MD
Duke University Medical Center

MEDICAL STUDENT RESEARCH PRECEPTORSHIP

The purpose of the Medical Student Research Preceptorship is to introduce students to the specialty of rheumatology by supporting a full-time research experience.

- Joseph Adu**
Preceptor: Leslie J. Crofford, MD
Vanderbilt University Medical Center
- Hazem Albandar**
Preceptor: Wenhai Shao, PhD
Temple University School of Medicine
- Marie Baumeister, BS**
Preceptor: Marissa Blum, MD, MS
Temple University School of Medicine
- Murtaza Bharmal, BS**
Preceptor: Edward S. Leib, MD
University of Vermont College of Medicine
- Carol Gainey Bledsoe**
Preceptor: Lisa Anne Davis, MD MSCS
Denver Health
- Katelyn Burgess**
Preceptor: Sampath Prahalad, MD, MSc
Emory University
- Marshall L.R. Davis, MPH**
Preceptor: Ted R. Mikuls, MD, MSPH
University of Nebraska Medical Center
- Mengying Guo, BS**
Preceptor: Judyann C. Olson, MD
Medical College of Wisconsin
- Gregory M. Ingolia**
Preceptor: Kevin D. Deane, MD, PhD
University of Colorado
- Sarah Kelso, BS**
Preceptor: Bonita S. Libman MD
University of Vermont
- Alisa N. Li**
Preceptor: James N. Jarvis, MD
University at Buffalo

- Yuxin Liu, BS**
Preceptor: Andras Perl, MD, PhD
SUNY Upstate Medical University
- Theresa K. Mattingly, BS**
Preceptor: Alfred H. Kim, MD, PhD
Washington University
- Alireza Mofrad, MSc**
Preceptor: Richard S. Panush, MD, MACP, MACR
Keck School of Medicine of the University of
Southern California
- Briana Kathleen Ply**
Preceptor: Diane L. Kamen, MD, MSCR
Medical University of South Carolina
- Debbie Rybak, MD, MS**
Preceptor: Chaim Putterman, MD
Albert Einstein College of Medicine
- Joo Yeon Ryu, MD**
Preceptor: Ram Raj Singh, MD
University of California, Los Angeles
- Anastasia Slobodick, BA**
Preceptor: Michael H. Pillinger, MD
New York University School of Medicine
- Anne Song, MS**
Preceptor: M. Elaine Husni, MD, MPH
Cleveland Clinic
- Kellie Young, BS**
Preceptor: Lindsey A. Criswell, MD, MPH, DSc
University of California, San Francisco
- Allison J. Zoch, BA**
Preceptor: Bryce A. Binstadt, MD, PhD
University of Minnesota

HEALTH PROFESSIONAL RESEARCH PRECEPTORSHIP

The purpose of the Health Professional Research Preceptorship is to introduce students to rheumatology-related health care by supporting full-time research by a graduate student in the broad area of rheumatic disease.

- Kelley Battle Beck, MS**
Preceptor: Carol M. Greco, PhD
University of Pittsburgh Medical School
- Michael B. Cole, BS**
Preceptor: Lindsey A. Criswell, MD, MPH, DSc
University of California, San Francisco
- Giovanna I. Cruz, MSc, MS**
Preceptor: Lindsey A. Criswell, MD, MPH, DSc
University of California, San Francisco
- Vanessa Delisle, MSc**
Preceptor: Brett Thombs, PhD
McGill University and Jewish General Hospital
- Rina Fox, MS**
Preceptor: Vanessa L. Malcarne, PhD
San Diego State University
- Miguel-Angel Gutierrez, PhD Candidate**
Preceptor: Ram Raj Singh, MD
University of California, Los Angeles
- Nick Huang, BS**
Preceptor: Andras Perl, MD, PhD
State University of New York, Upstate Medical
University
- Lisa R. Jewett, BA, MSc**
Preceptor: Brett D. Thombs, PhD
McGill University and Jewish General Hospital
- Sarah Mills, MS**
Preceptor: Vanessa L. Malcarne, PhD
San Diego State University
- Sebastian G. Placide, BA**
Preceptor: Robert R. McLean, DSc, MPH
Hebrew SeniorLife Institute for Aging Research
- Priti Prasad, BS, MS**
Preceptor: Ram Raj Singh, MD
University of California, Los Angeles
- Brooke Rhead**
Preceptor: Lindsey Criswell, MD, MPH
University of California, San Francisco
- Shao Yong Tao, BS**
Preceptor: Cong Qui Chu, MD, PhD
Portland VA Medical Center/ Portland VA
Research Foundation

RESIDENT RESEARCH PRECEPTORSHIP

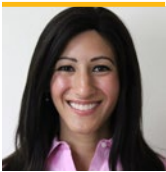
The purpose of the Resident Research Preceptorship is to introduce residents to the specialty of rheumatology by supporting a full-time research experience with the goal of attracting promising physician scientists to the field of rheumatology.



Monique Bethel, MD
Preceptor: Laura D. Carbone, MD, MS
Georgia Regents University



Viet L. Bui, MD, PhD
Preceptor: Ram Raj Singh, MD
UCLA David Geffen School of Medicine



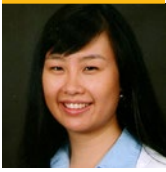
Sophia Cenac, MD
Preceptor: Lesley Ann Saketkoo, MD, MPH
Louisiana State University



Bryant England, MD
Preceptor: Ted R. Mikuls, MD, MSPH
University of Nebraska Medical Center



David Ewart, MD
Preceptor: Erik J. Peterson, MD
University of Minnesota



Ying Liu, MD, MPH
Preceptor: Jon Giles, MD, MPH
Columbia University Medical Center



Merrideth Ashley Morris, MD
Preceptor: Richard M. Silver, MD
Medical University of South Carolina



Melissa Wang, MD, MHA
Preceptor: George F. Moxley, MD
Virginia Commonwealth University



Katherine Wysham, MD
Preceptor: Edward Yelin, PhD
University of California, San Francisco



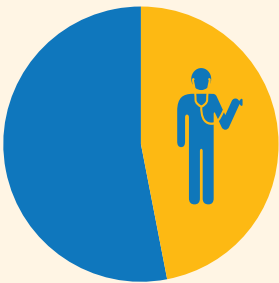
MaryAnn Zhang, MD
Preceptor: Tuhina Neogi, MD, PhD, FRCPC
Boston University School of Medicine

EPHRAIM P. ENGLEMAN ENDOWED RESIDENT RESEARCH PRECEPTORSHIP

The purpose of the Ephraim P. Engleman Endowed Resident Research Preceptorship is to introduce residents to the specialty of rheumatology by supporting a full-time research experience with the goal of attracting promising physician scientists to the field of rheumatology. *Funding for this award is made possible through an endowment from Dr. Ephraim P. Engleman.*



Kashif A. Jafri, MD
Preceptor: Peter Merkel, MD, MPH
University of Pennsylvania



47%

Nearly half of those who complete foundation preceptorships choose rheumatology as their subspecialty

EDUCATION AND TRAINING AWARD RECIPIENTS

Recruiting more quality rheumatology professionals starts with strong academic training centers. The Foundation is the only organization dedicated to strengthening the national rheumatology academic training environment. These awards help to cultivate future generations of rheumatologists and rheumatology health professionals.

DEMAND FOR RHEUMATOLOGISTS

IS EXPECTED TO JUMP 46% BY 2025 WHILE THE ACTUAL NUMBER OF RHEUMATOLOGISTS IS EXPECTED TO ONLY INCREASE BY 1.2%.



CITATION: ACR'S WORKFORCE STUDY PUBLISHED IN ARTHRITIS & RHEUMATISM

AMGEN FELLOWSHIP TRAINING AWARD

The purpose of the Amgen Fellowship Training Award is to provide support to fellows in rheumatology and to help ensure a diverse and highly trained workforce is available to provide competent clinical care to those affected by rheumatic disease. *Funding for this award is made possible through the financial support of Amgen, Inc.*

Stanley P. Ballou, MD
Case Western Reserve University at MetroHealth
Medical Center

Bryce A. Binstadt, MD, PhD
University of Minnesota

Marcy B. Bolster, MD
Massachusetts General Hospital

Ernest Brahn, MD
UCLA School of Medicine

Richard Brasington, MD, FACP
Washington University School of Medicine

Amy C. Cannella, MD
University of Nebraska Medical Center

Peter Chira, MD, MS
Indiana University School of Medicine, Riley
Hospital for Children

Christopher E. Collins, MD
MedStar Washington Hospital Center

Lisa G. Criscione-Schreiber, MD
Duke University

Chris T. Derk, MD, MS
University of Pennsylvania

Raymond H. Flores, MD
University of Maryland Hospital

Howard A. Fuchs, MD
Vanderbilt University Medical Center

AMGEN FELLOWSHIP TRAINING AWARD (CONTINUED)

Gregory C. Gardner, MD, FACP University of Washington	Anne G. Minenko, MD, FRCPC University of Minnesota Medical School
Simon M. Helfgott, MD Brigham and Women’s Hospital	Eyal Muscal, MD Baylor College of Medicine
Jennifer L. Huggins, MD Cincinnati Children’s Hospital Medical Center	Philip Seo, MD, MHS Johns Hopkins University
Beth L. Jonas, MD University of North Carolina at Chapel Hill	Eric S. Sobel, MD, PhD University of Florida
Robert A. Kalish, MD Tufts Medical Center	Virginia D. Steen, MD Georgetown University
Erica F. Lawson, MD University of California, San Francisco	Robert Terkeltaub, MD University of California, San Diego
Tzielan C. Lee, MD Stanford University	Tammy O. Utset, MD The University of Chicago
Bonita S. Libman, MD University of Vermont	Heather Van Mater, MD Duke University
Vikas Majithia, MD University of Mississippi Medical Center	

PAULA DE MERIEUX FELLOWSHIP TRAINING AWARD

The purpose of the Paula de Merieux Fellowship Training Award is to ensure a diverse and highly trained work force is available to provide competent clinical care to patients with rheumatic disease by supplying funds to pay for one year of rheumatology training for a fellow who is an underrepresented minority or a woman. *Funding for this award is made possible by an endowment from the estate of Paula de Merieux, MD.*

Rory M. Marks, MBBS, FRACP
University of Michigan

TRAINING PROGRAM DEVELOPMENT AWARD

The purpose of this award is to help ensure that a diverse and highly trained workforce is available to provide competent clinical care to those affected by rheumatic diseases.

Anne Davidson, MBBS Fenstein Institute for Medical Research	Samina Q. Hayat, MD Louisiana State University
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There are more than 240K children for every one board certified pediatric rheumatologist * in the United States.

Citation: <http://bit.ly/1nZ2FGB>

PEDIATRIC VISITING PROFESSORSHIP

The purpose of the Pediatric Visiting Professorship is to provide valuable exposure to pediatric rheumatology for medical students and residents by connecting a board-certified professor of pediatric rheumatology with an academic institution where no established pediatric rheumatology expertise exists. *Funding for this award is made possible through an endowment provided by Amgen, Inc.*

John F. Bohnsack, MD to visit University of Arizona Program	Karen Onel, MD to visit University of Illinois College of Medicine at Peoria Program
Randy Q. Cron, MD, PhD to visit Albany Medical Center	C. Eglá Rabinovich, MD, MPH to visit Marshfield Clinic
Michael Henrickson, MD, MPH to visit University of Toledo	Ann M. Reed, MD to visit Oregon Health Sciences University
James N. Jarvis, MD to visit Meharry Medical College	David D. Sherry, MD to visit West Virginia University
Suzanne C. Li, MD, PhD to visit The Unterberg Children’s Hospital at Monmouth Medical Center	Richard K. Vehe, MD to visit University of South Dakota Sanford School of Medicine
Katherine A.B. Marzan, MD to visit University of California, Davis Health System Program	Andrew J. White, MD to visit University of Oklahoma College of Medicine-Tulsa Program

HEALTH PROFESSIONAL ONLINE EDUCATION GRANT

The purpose of the Health Professional Online Education Grant is to increase the knowledge and skills of rheumatology health professionals to meet the needs of a growing rheumatology patient population by providing registration costs to complete either the *Fundamentals of Rheumatology Course* or the *Advanced Rheumatology Course*.

David Buys, PA

Idaho Falls Arthritis Clinic

Bethany R. Crum, RN, BSN

University of Kansas Physicians

Hope S. Davis, MS, ATC, PA-C

DeKalb Medical Specialty

Trevor E. Davis, MD

Tufts Medical Center, Beth Israel Deaconess Medical Center

Jessica F. Farrell, PharmD

Albany College of Pharmacy and Health Sciences

Brenda Lee Frie, MA, OTR/L CHT

St. Catherine University

Tricia Fuller, RN, BSN, MS, FNP

Duke University

Natalie R. Gomez, APRN-NP

Children's Hospital and Medical Center

Alice Liao, NP

North East Medical Services

Kelley R. Magadan, AAS-Professional Nursing

University of Kansas

Laura Marquez, MSN, RN, FNP

Centro San Vicente

Eileen Pagano, CPNP

Methodist LeBonhuer Healthcare

Beth Sylvester, MSN

Thomas Jefferson University

Melissa Foster Rietz, MSc, FNP-BC

Presbyterian Medical Services

Gayle Lea Yankee, BSN, MSN, RN, CS (FNP)

Lansing Rheumatology

Ronald Yglesias, MD

AtlantiCare Regional Medical Center

CLINICIAN SCHOLAR EDUCATOR AWARD

The purpose of the Clinician Scholar Educator Award is to develop and support educators who are dedicated to providing a high-quality clinical educational experience to future rheumatologists and rheumatology health professionals. Through this award, scholars should demonstrate their goal of developing a career in education and training with the aim of enhancing education in musculoskeletal and rheumatic diseases.



Maria Dall'Era, MD

University of California, San Francisco

Virtual patient simulation for rheumatology education



Eli M. Miloslavsky, MD

Massachusetts General Hospital and Harvard Medical School

Improving the Resident-Fellow Teaching Interaction Through the Fellow As Clinical Teacher (FACT) Curriculum



Jennifer E. Sloane, MD

Thomas Jefferson University

The Utility of an Inverted Curriculum in a 2nd Year Medical Student Rheumatology Class

CAREER DEVELOPMENT RESEARCH AWARD RECIPIENTS

Establishing a research career in the rheumatology field requires the availability of major research funding. Increasing concerns over shortfalls in federal funding for investigator-driven rheumatology research have forced many physician scientists and health professionals to reconsider their careers. To combat this, the Foundation provides research awards designed to attract early and mid-career investigators to continue vital research into the cause, prevention and treatment of rheumatic diseases.

SCIENTIST DEVELOPMENT AWARD

The purpose of the Scientist Development Award is to provide support for a structured clinical or basic science research training program for rheumatologists or health professionals in the field of rheumatology. This award is designed for individuals in the early stages of their career or those without significant prior research experience who plan to embark on careers in biomedical and/or clinical research in arthritis and rheumatic diseases.



Cornelia Diana Cudrici, MD
National Institute of Arthritis and Musculoskeletal and Skin Diseases
AMPK: a new anti-inflammatory target for Methotrexate



Alyssa B. Dufour, PhD
Hebrew SeniorLife
Foot Problems, Obesity and Longitudinal Patterns of BMI



Laura Geraldino Pardilla, MD, MSc
Columbia University, College of Physicians and Surgeons
Anti-Ro Antibodies and conduction defects in SLE Adults



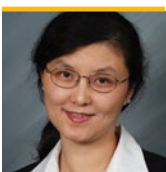
Sarthak Gupta, MBBS
National Institute of Arthritis and Musculoskeletal and Skin Diseases
Anticytokine Autoantibodies in Autoimmune Diseases



Lauren Ashley Henderson, MD, MMSc
Boston Children's Hospital
T Regulatory and Effector Cell Diversity and Phenotype in Juvenile Idiopathic Arthritis



Ioannis Kalampokis, MD, MPH
Duke University
IL-10-producing regulatory B cell ("B10 cell") development in systemic lupus erythematosus



Mei Massengale, MD
Massachusetts General Hospital
Cellular Source and Niche for Cartilage Regeneration

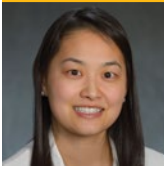
SCIENTIST DEVELOPMENT AWARD (CONTINUED)



Ana-Maria Orbai, MD, MHS
Johns Hopkins University School of Medicine
Health Related Quality of Life in Psoriatic Arthritis



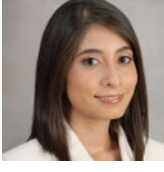
Ziv Paz, MD, MSc, MPH
Beth Israel Deaconess Medical Center
The B subunits of PP2A regulate IL-2 production in SLE



Rennie L. Rhee, MD, MSCE
University of Pennsylvania
Long-Term Outcomes and Effectiveness of Treatment For Renal Disease Among Patients With ANCA-Associated Vasculitis



Jeffrey A. Sparks, MD, MMSc
Brigham and Women's Hospital
Methotrexate Use and Infection in Rheumatoid Arthritis



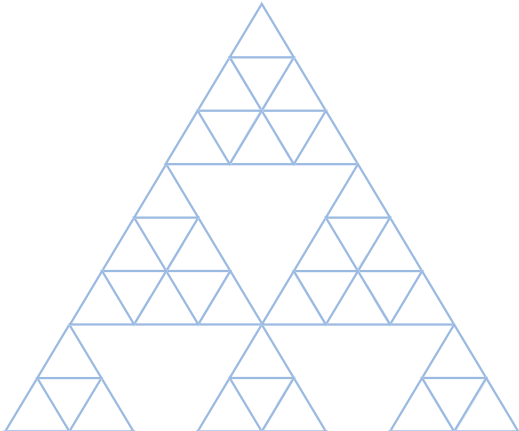
Gloria Salazar Cintora, MD
University of Texas Health Science Center at Houston
The Role of microRNA in Systemic Sclerosis



Robert Su, MD
University of California, San Francisco
Transcriptomic signatures and molecular stratification in sarcoidosis



Jessica Ann Walsh, MD
George E. Wahlen Veteran Affairs Medical Center and University of Utah
Axial spondyloarthritis identification and mortality



TOBÉ AND STEPHEN E. MALAWISTA, MD, ENDOWMENT IN ACADEMIC RHEUMATOLOGY

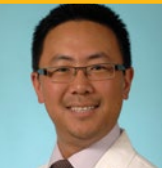
The largest, named endowment at the Rheumatology Research Foundation established by a past president and member of the American College of Rheumatology provides a permanent source of support in basic science research career development of early career investigators. Established in 2014 with a generous commitment from Mrs. Tobé and Dr. Stephen Malawista, who served his entire career at Yale University, this endowment ensures that physician scientists are able to continue their academic careers in vital rheumatic disease research. Annually, the Foundation’s Scientific Advisory Council chooses an outstanding recipient of the Scientist Development or Investigator Awards to receive the Malawista designation.



Alice Chan, MD, PhD
University of California, San Francisco
Characterizing a novel multiorgan autoimmunity gene

INVESTIGATOR AWARD

The purpose of the Investigator Award is to support investigators engaged in research relevant to rheumatic diseases for the period between the completion of post-doctoral fellowship training and establishment as an independent investigator. The award is intended to support junior investigators during the period that they are developing a project that will be competitive for NIH funding.



Alfred Hyoungju Kim, MD, PhD
Washington University School of Medicine
The role of cytokines in glomerular injury



Kevin Douglas Gross, DPT, ScD
MGH Institute of Health Professions
The Relation of Foot Mechanics to Medial Knee Load and Osteoarthritis Risk



Adam Mor, MD, PhD
New York University School of Medicine
Targeting T cell adhesion in Rheumatoid Arthritis



Joshua J. Stefanik, PhD, MSPT
Boston University
Identifying cases of PFJ OA & their hip impairments

CAREER DEVELOPMENT BRIDGE FUNDING AWARD: K BRIDGE

The purpose of the Career Development Bridge Funding Award: K Bridge is to provide bridge funding for promising investigators as they are revising outstanding career development awards (e.g., NIH K08/K23 awards or VA CDA-2 awards). Through this bridge funding award, the Foundation supports junior faculty members so they have the highest likelihood of achieving success in obtaining longer-term career development awards.



Trevor E. Davis, MD
Beth Israel Deaconess Medical Center
Immune Cell microRNA Expression and Cell Signaling in Pediatric SLE



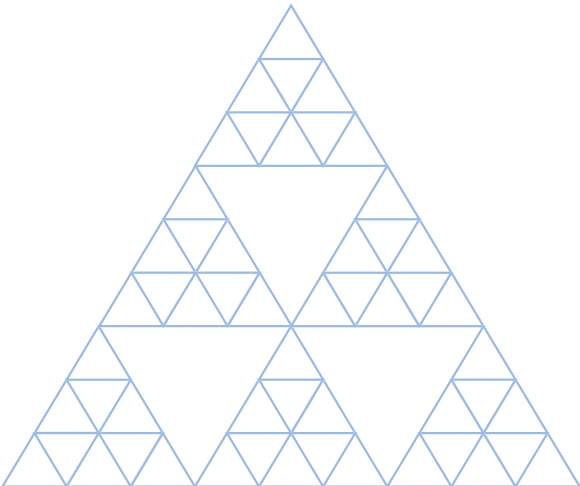
Aimee O. Hersh, MD
University of Utah
Adult Outcomes of Juvenile Idiopathic Arthritis



Dana E. Orange, MD, MS
The Rockefeller University
RNA fluctuations as a measure of RA disease activity



Daniel K. White, PT, ScD
University of Delaware
Prevention of pain and functional limitation in people at high risk of knee OA through physical activity

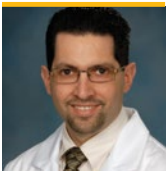


CAREER DEVELOPMENT BRIDGE FUNDING AWARD: K SUPPLEMENT

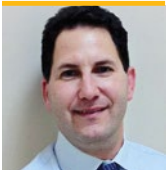
The purpose of the Career Development Bridge Funding Award: K Supplement is to address the needs of junior investigators who have limited resources to cover research costs and are attempting to transition into being independent investigators. This award serves as a supplement to the NIH K08/K23, VA CDA, or equivalent four- or five-year award mechanism.



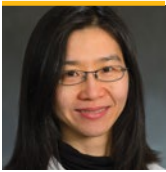
Julia Charles, MD, PhD
Brigham and Women's Hospital
Osteoclast dependent mesenchymal proliferation in osteoclast rich osteoporosis



Amit Golding, MD, PhD
VAMC/VAMHCS, Research and Development/Medical Services
University of Maryland School of Medicine
Aberrant Treg Suppression of B cells in SLE



Jeremy Sokolove, MD
Palo Alto Veterans Institute for Research
Citrullinated antigens bridge innate and adaptive immunity in RA



Laura Su, MD, PhD
University of Pennsylvania
The Characteristics of Self-recognizing CD4 T Cells in Rheumatoid Arthritis



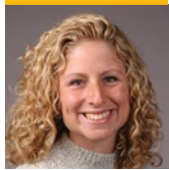
Kathryn S. Torok, MD
University of Pittsburgh Medical Center
Immunophenotyping active disease in localized scleroderma



Jinoos Yazdany, MD
University of California, San Francisco
Using electronic health records to drive novel lupus research

CAREER DEVELOPMENT BRIDGE FUNDING AWARD: R BRIDGE

The purpose of the Career Development Bridge Funding Award: R Bridge is to provide bridge funding for promising investigators as they are revising outstanding independent research grant applications. Through this bridge funding award, the Foundation supports those who have demonstrated experience and productivity as a rheumatology investigator and who show evidence of strong scientific and career mentoring, as well as a demonstration of institutional support.



Mara L. Becker, MD, MSCE

Children's Mercy

Integrated Approach to Individualizing Therapy with MTX in JIA



Teresa Tarrant, MD

University of North Carolina at Chapel Hill

G18 regulates autoimmune pathophysiology in arthritis



Julie Zikherman, MD

University of California, San Francisco

Probing BCR signaling in germinal center selection

THE FOUNDATION SUPPORTS RESEARCH INVESTIGATING MANY RHEUMATIC DISEASES, INCLUDING:

- + GOUT
- + JUVENILE IDIOPATHIC ARTHRITIS
- + OSTEOARTHRITIS
- + PEDIATRIC SYSTEMIC LUPUS ERYTHEMATOSUS
- + RHEUMATOID ARTHRITIS
- + SCLERODERMA
- + SPONDYLARTHROPATHIES
- + SYSTEMIC LUPUS ERYTHEMATOSUS
- + SYSTEMIC SCLEROSIS
- + VASCULITIS



TARGETED RESEARCH GRANT RECIPIENTS

These grants provide funding for projects that address basic, translational and clinical aspects of rheumatoid arthritis and certain types of inflammatory arthritis. Outcomes from these grants should lead to new insights into the etiology, pathogenesis and treatment of RA and related autoinflammatory diseases.

DISEASE TARGETED RESEARCH PILOT GRANTS

These smaller pilot grants are intended to provide seed funds to scientists with novel research ideas. This allows investigators to gather preliminary data to determine whether a greater investment is needed in their research idea or if they should change direction in order to maximize outcomes.



Joerg Ermann, MD
Brigham and Women's Hospital
Cellular and molecular regulation of the IL-23 - IL-17A axis in spondyloarthritis



Gary S. Firestein, MD
University of California, San Diego
Histone Marks in Rheumatoid Arthritis Synoviocytes



Anthony R. French, MD, PhD
Washington University
Single Cell Mass Cytometry Profiling of Immune Responses in Polyarticular JIA



Katherine P. Liao, MD, MPH
Brigham and Women's Hospital
Anti-citrullinated peptide antibodies and risk of coronary artery disease in RA



Kamal D. Moudgil, MD, PhD
University of Maryland School of Medicine
Exploiting novel peptide ligands for cytokine-based targeted therapy of arthritis

DISEASE TARGETED INNOVATIVE RESEARCH GRANTS

These larger, two-year grants provide funds to scientists who need to conduct additional testing on promising research ideas that are supported by preliminary data.



Felipe Andrade, MD, PhD
Johns Hopkins University
Understanding the anti-PAD autoantibody network in rheumatoid arthritis



Nunzio Bottini, MD, PhD
La Jolla Institute for Allergy and Immunology
Functional genetics of PTPN2, a major arthritis gene



Hyon Choi, MD, DrPH
Massachusetts General Hospital/Harvard Medical School
Methodologic Remedies for Risk Factor Paradoxes in Inflammatory Arthritides



Joseph E. Craft, MD
Yale University
Studying Monocytes and iPS Cells in RA



Leslie J. Crofford, MD
Vanderbilt University
Peripheral Mechanisms of Fatigue in Inflammatory Arthritis



Ellen M. Gravalles, MD
University of Massachusetts
Epigenetic Control of Bone in Rheumatoid Arthritis



Kathryn Haskins, PhD
University of Colorado, Denver
Pathogenic T Cells in a Mouse Model of Rheumatoid Arthritis



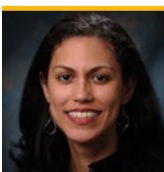
Joseph Holoshitz, MD
University of Michigan
A Novel Therapeutic Paradigm in Rheumatoid Arthritis



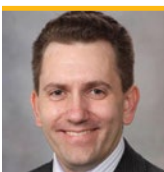
Jeffrey M. Karp, PhD
Brigham and Women’s Hospital
Inflammation responsive treatment of inflammatory arthritis via on-demand drug delivery



Kaleb D. Michaud, PhD
University of Nebraska Medical Center
Electronic Mobile Health Tool for Improving Patient Assessment in the Clinic



Iris Navarro-Millan, MD
University of Alabama at Birmingham
PROs in Inflammatory Arthritis: Electronic Capture to Improve Patient Outcomes



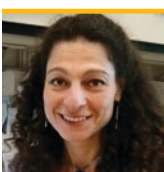
Timothy B. Niewold, MD
Mayo Clinic
Type I Interferon as a Predictor of Anti-TNF Response



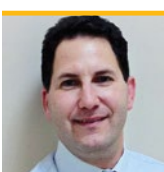
Harris R. Perlman, PhD
Northwestern University
The role of non-classical monocytes and resident synovial macrophages in RA



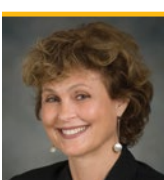
Christopher T. Ritchlin, MD, MPH
University of Rochester Medical Center
Serum, Cellular and Imaging Markers of Arthritis in Psoriasis Patients



Inez Rogatsky, PhD
Hospital for Special Surgery
Anti-inflammatory actions of transcription cofactor GRIP1 in rheumatoid arthritis



Jeremy Sokolove, MD
Palo Alto Veterans Institute for Research
Anti-Citrullinated Protein Antibodies as Biomarkers of Cardiovascular Risk in RA



Maria E. Suarez-Almazor, MD, PhD
The University of Texas MD Anderson Cancer Center
Effects of Social Networking on Chronic Disease Management in Arthritis

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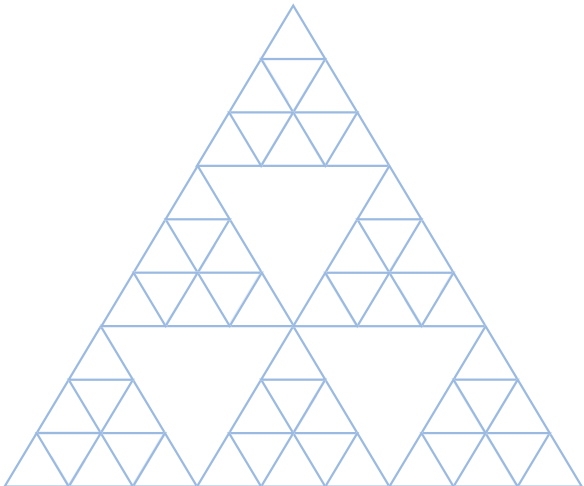
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foundation@rheumatology.org

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