**LNTN Membership ACR Abstracts 2017**

**Sunday November 5**

**Concurrent Abstract session 2:30-4:30pm**

**Session Title:**[**Systemic Lupus Erythematosus – Clinical Aspects and Treatment I: Novel and Current Therapies**](http://acrabstracts.org/sessions/systemic-lupus-erythematosus-clinical-aspects-and-treatment-i-novel-and-current-therapies-2017)

**ABSTRACT NUMBER: 885**

## 48-Week Complete Remission By Ethnic, Sex and Age Subgroups in Patients with Active Lupus Nephritis Treated with Voclosporin

**David Wofsy**1, David A. Isenberg2, Frédéric A. Houssiau3, Mary Anne Dooley4, Neil Solomons5 and Simrat Randhawa6, 1Rheumatology, UCSF, San Francisco, CA, 2Centre for Rheumatology Research, Division of Medicine, University College London, London, United Kingdom, 3Rheumatology, Pôle de Maladies Rhumatismales, Université catholique de Louvain, Brussels, Belgium, 4UNC Kidney Centre, Chapel Hill, NC, 5Aurinia Pharmaceuticals Inc., Victoria, BC, Canada, 6Medical Affairs, Aurinia Pharmaceuticals, Victoria, BC, Canada

**ABSTRACT NUMBER: 888**

## Phase 3 Trial Results with Blisibimod, a Selective Inhibitor of B-Cell Activating Factor, in Subjects with Moderate-to-Severe Systemic Lupus Erythematosus

**Joan T. Merrill**1, Renee S. Martin2, William Shanahan2, Morton Scheinberg3, Kenneth C. Kalunian4 and David Wofsy5, 1Oklahoma Medical Research Foundation, Oklahoma City, OK, 2Anthera, Hayward, CA, 3Department of Immunology, Center for Clinical Immunology, Sao Paulo SP, Brazil, 4Division of Rheumatology, Allergy and Immunology, UCSD School of Medicine, La Jolla, CA, 5Rheumatology, UCSF, San Francisco, CA

**ABSTRACT NUMBER: 890**

## Synergetic B-Cell Immunomodulation with Rituximab and Belimumab Combination Treatment in Severe, Refractory SLE

**Tineke Kraaij**1, Sylvia W.A. Kamerling1, Esther N.M. de Rooij1, Paul L. van Daele2, O.W. Bredewold1, Jaap A. Bakker3, Ingeborg Bajema4, Hans U. Scherer5, Rene E.M. Toes5, Tom W.J. Huizinga5, Ton Rabelink1, Cees van Kooten1 and Y.K. Onno Teng1, 1Nephrology, Leiden University Medical Center, Leiden, Netherlands, 2Immunology, Erasmus Medical Center, Rotterdam, Netherlands, 3Clinical Chemistry and Laboratory Medicine, Leiden University Medical Center, Leiden, Netherlands, 4Pathology, Leiden University Medical Center, Leiden, Netherlands, 5Rheumatology, Leiden University Medical Center, Leiden, Netherlands

**Sunday November 5**

**Poster Session A**

**ABSTRACT NUMBER: 295**

## Ex Vivo Induced Neutrophil Extracellular Traps Are Intrinsically Different in Anca-Associated Vasculitis and Systemic Lupus Erythematosus

**Laura van Dam**1, Tineke Kraaij1, Sylvia Kamerling1, Hans U. Scherer2, Charles Pusey3, Ton Rabelink1, Cees van Kooten1 and Onno Teng1, 1Nephrology, Leiden University Medical Center, Leiden, Netherlands, 2Rheumatology, Leiden University Medical Center, Leiden, Netherlands, 3Imperial College, London, United Kingdom

**Abstract NUMBER: 663**

## Urinary Tumor-Necrosis Factor-like Weak Inducer of Apoptosis Is an Important Biomarker for Renal Lupus

**Michelle Petri**1, Daniel Goldman2, Linda Burkly3, Nicolas Wisniacki4, Chris Stebbins3 and Laurence S Magder5, 1Medicine (Rheumatology), Division of Rheumatology, Johns Hopkins University School of Medicine, MD, USA, Baltimore, MD, 2Rheumatology, Johns Hopkins University School of Medicine, Baltimore, MD, 3Biogen, Cambridge, MA, 4GlaxoSmithKline, London, United Kingdom, 5Epidemiology and Public health, University of Maryland School of Medicine, Baltimore, MD

**ABSTRACT NUMBER: 665**

## Low Vitamin D Is Associated with End Stage Renal Disease in Systemic Lupus Erythematosus

**Michelle Petri**1, Wei Fu2 and Daniel Goldman2, 1Medicine (Rheumatology), Division of Rheumatology, Johns Hopkins University School of Medicine, MD, USA, Baltimore, MD, 2Rheumatology, Johns Hopkins University School of Medicine, Baltimore, MD

**ABSTRACT NUMBER: 668**

**Is Uric Acid Level a Predictor of Long-Term Renal Outcome in Lupus Nephritis?**

**Michelle Lopes**1, Samara Gavinier2, Elaine Leon2, Vilma Viana2, Eduardo Ferreira Borba1and Eloisa Bonfa3, 1Rheumatology, Faculdade de Medicina da Universidade de São Paulo, São Paulo, Brazil, 2Rheumatology, Hospital das Clinicas HCFMUSP, Faculdade de Medicina, Universidade de Sao Paulo, Sao Paulo, SP, BR, São Paulo, Brazil, 3Rheumatology Divison, Faculdade de Medicina da Universidade de São Paulo, São Paulo, Brazil

**ABSTRACT NUMBER: 670**

## Membrane Attack Complex (MAC) Deposition in Lupus Nephritis Is Associated with Hypertension and Poor Clinical Response to Treatment

**Shudan Wang**1, Ming Wu2, Luis Chiriboga3, Briana Zeck4 and H. Michael Belmont5, 1Department of Medicine, Division of Rheumatology, New York University School Medicine, New York City, NY, 2New York University School of Medicine, New York, NY, 3Pathology, New York University School Medicine, New York, NY, 4Pathology, New York University School Medicine, New York City, NY, 5Medicine, New York University School of Medicine, New York, NY

**ABSTRACT NUMBER: 689**

## Apolipoprotein L1 Risk Variants Associate with Hypertension and Nephritis Progression Despite Lower dsDNA Titers in Ghanaian Systemic Lupus Erythematous Patients

**Ashira Blazer**1, Ida Dzifa Dey2, Sara Rasmussen3, Robert M. Clancy4 and Jill P. Buyon5, 1Internal Medicine Division of Rheumatology, NYU School of Medicine, New York, NY, 2Internal Medicine, Rheumatology, The University of Ghana, Accra, Ghana, 3Department of Medicine, Division of Rheumatology, NYU School of Medicine, New York, NY, 4NYU School of Medicine, New York, NY, 5Rheumatology, New York University School of Medicine, New York, NY

**ABSTRACT NUMBER: 719**

## Lupus Nephritis in Isolation or Accompanied By Extra-Renal Manifestations: Early Lessons from the Accelerating Medicines Partnership

**Judith A. James**1, Michelle Petri2, Chaim Putterman3, Betty Diamond4, David Wofsy5, Chun Hao Lee6, Derek Fine6, Anna R. Broder7, Robert M. Clancy8, Peter M. Izmirly9, Michael Belmont10, Nicole Bornkamp11, Anne Davidson12, Patti Tosta13, Kenneth C. Kalunian14, Meyeon Park15, Maria Dall'Era16, Richard Furie17, Elena Massarotti18, German T. Hernandez19, Fernanda Payan-Schober20, Sean M. Connery19, Diane L. Kamen21, Iris Lee22, William Pendergraft III23, Jennifer H. Anolik24, Ummara Shah25, Soumya Raychaudhuri26, Yvonne C. Lee27, Joel M. Guthridge28, V. Michael Holers29, Paul J. Utz30, Mina Pichavant31, Rohit Gupta31, Holden T. Maecker32, Michael Weisman33 and Jill P. Buyon34, 1Arthritis and Clinical Immunology Program, Oklahoma Medical Research Foundation, Oklahoma City, OK, 2Medicine (Rheumatology), Division of Rheumatology, Johns Hopkins University School of Medicine, MD, USA, Baltimore, MD, 3Division of Rheumatology, Albert Einstein College of Medicine, Bronx, NY, USA, Bronx, NY, 4Autoimmune and Musculoskeletal Diseases, The Feinstein Institute for Medical Research, Manhasset, NY, 5Rheumatology, UCSF, San Francisco, CA, 6Johns Hopkins University, Baltimore, MD, 7Albert Einstein College of Medicine, Bronx, NY, 8NYU School of Medicine, New York, NY, 9New York University School of Medicine, New York, NY, 10New York University, NYC, NY, 11Medicine, New York University School of Medicine, New York, NY, 12Autoimmunity and Musculoskeletal Diseases, Feinstein Institute for Medical Research, Manhasset, NY, 13Immune Tolerance Network, San Francisco, CA, 14Division of Rheumatology, Allergy & Immunology, UCSD School of Medicine Center for Innovative Therapy, La Jolla, CA, 15University of California San Francisco, San Francisco, CA, 16Medicine/Rheumatology, University of California, San Francisco, San Francisco, CA, 17Hofstra Northwell, Manhasset, NY, 18Brigham and Women's Hospital, Boston, MA, 19Texas Tech University HSC El Paso, El Paso, TX, 20Texas Tech University HSC El Paso, El Paso, TX, 21Medicine/Rheumatology & Immunology, Medical University of South Carolina, Charleston, SC, 22Temple University Hospital, Philadelphia, PA, 23Kidney Center, University of North Carolina, Chapel Hill, NC, 24Medicine- Allergy, Immunology and Rheumatology, University of Rochester Medical Center, Rochester, NY, 25Division of Rheumatology, New York University School of Medicine, NYC, NY, 26Divisions of Genetics and Rheumatology, Brigham and Women's Hospital and Harvard Medical School, Boston, MA, 27Rheumatology Immunology & Allergy, Brigham and Women's Hospital and Harvard Medical School, Boston, MA, 28Arthritis and Clinical Immunology Program, Oklahoma Medical Research Foundation, OKC, OK, 29Rheumatology Division, University of Colorado School of Medicine, Aurora, CO, 30Medicine, Stanford University School of Medicine, Stanford, CA, 31Stanford University, Stanford, CA, 32Division of Immunology and Rheumatology, Stanford University School of Medicine, Stanford, CA, 33Cedars-Sinai Medical Center Division of Rheumatology, Los Angeles, CA, 34Rheumatology, New York University School of Medicine, New York, NY

**MOnday November 6**

**Plenary Session II**

**11am to 12:30pm**

**ABSTRACT NUMBER: 1786**

## Lupus Nephritis Is Linked to Immunity to an Intestinal Commensal Lachnospiracaea Species

**Gregg J. Silverman**1, Doua F. Azzouz2, Hanane El Bannoudi2, Aidana Omarbekova3, Brad H. Rovin4, Roberto Caricchio5, Alexander Alekseyenko6 and Jill P. Buyon2, 1Department of Medicine, New York University School of Medicine, New York, NY, 2Medicine, New York University School of Medicine, New York, NY, 3New York University School of Medicine, New York, NY, 4Ohio State University Medical Center, Columbus, OH, 5Medicine/Rheumatology, Temple University, Philadelphia, PA, 6Medical University of South Carolina, Charleston, SC

**Monday November 6**

**Concurrent Abstract Session 2:30-4:00pM**

**Session Title:**[**Systemic Lupus Erythematosus – Clinical Aspects and Treatment II: Clinical Trial Design and Outcome Measures**](http://acrabstracts.org/sessions/systemic-lupus-erythematosus-clinical-aspects-and-treatment-ii-clinical-trial-design-and-outcome-measures-2017)

**ABSTRACT NUMBER: 1843**

## Serum Albumin at 12 Months Post Biopsy Has Excellent Sensitivity and Specificity for Favorable 4 Year Renal Outcome in Lupus Nephritis (LN)

**Vinicius Domingues**1, Nicole Bornkamp1, Benjamin A. Levinson2, Judith D. Goldberg2, Jill P. Buyon1 and H. Michael Belmont1, 1Medicine, New York University School of Medicine, New York, NY, 2Population Health, New York University School of Medicine, New York, NY

**monday November 6**

**Poster Session B**

**ABSTRACT NUMBER: 1085**

## Application of Lupus Nephritis Quality Measures to Understand Gaps in Care for SLE

**Lisa Gaynon**1, Maria Dall'Era2, Patricia P. Katz2, Lindsey A. Criswell2, Cristina Lanata2, Laura Trupin3, Charles G. Helmick4 and Jinoos Yazdany3, 1Internal Medicine, California Pacific Medical Center, San Francisco, CA, 2Medicine/Rheumatology, University of California, San Francisco, San Francisco, CA, 3Medicine/Rheumatology, University of California San Francisco, San Francisco, CA, 4Centers for Disease Control and Prevention, Atlanta, GA

**ABSTRACT NUMBER: 1589**

## A Multicriteria Decision Analysis for the Development of New Systemic Lupus Erythematosus Classification Criteria

**Sara K. Tedeschi**1, Sindhu Johnson2, Dimitrios Boumpas3, David I. Daikh4, Betty Diamond5, Thomas Doerner6, Søren Jacobsen7, Diane L. Kamen8, W. Joseph McCune9, Marta Mosca10, Rosalind Ramsey-Goldman11, Guillermo Ruiz-Irastorza12, Matthias Schneider13, Josef S. Smolen14, Murray Urowitz15, David Wofsy16, Martin Aringer17, Raymond P. Naden18 and Karen H. Costenbader19,20, 1Division of Rheumatology, Immunology and Allergy, Brigham and Women's Hospital, Boston, MA, 2Rheumatology, Mount Sinai Hospital and University Health Network, Toronto, ON, Canada, 3University of Athens, Athens, Greece, 4Rheumatology, UCSF/VA Medical Center, San Francisco, CA, 5Feinstein Institute for Medical Research, Manhasset, NY, 6Charité Universitätmedizin Berlin and DRFZ, Berlin, Germany, 7Center for Rheumatology and Spine Diseases, Rigshospitalet, Copenhagen, Denmark, 8Medicine/Rheumatology & Immunology, Medical University of South Carolina, Charleston, SC, 9Int Med/ Rheum, University of Michigan, Ann Arbor, MI, 10Rheumatology Unit, University of Pisa, Pisa, Italy, 11FSM, Northwestern University, Chicago, IL, 12Autoimmune Diseases Research Unit, BioCruces, Hospital Universitario Cruces, Baracaldo, Spain, 13Policlinic for Rheumatology & Hiller Research Centre for Rheumatology, Heinrich-Heine-University Duesseldorf, Duesseldorf, Germany, 14Division of Rheumatology, Medical University of Vienna and Hietzing Hospital, Vienna, Austria, 15Centre for Prognosis Studies in the Rheumatic Diseases, University of Toronto, Toronto Western Hospital, Toronto, ON, Canada, 16Rheumatology, UCSF, San Francisco, CA, 17Medicine III, University Medical Center and Faculty of Medicine at the TU Dresden, Dresden, Germany, 18New Zealand Ministry of Health, New Zealand Ministry of Health, Auckland, New Zealand, 19Division of Rheumatology, Immunology and Allergy, Brigham and Women's Hospital, Harvard Medical School, Boston, MA, 20Rheumatology, Immunology & Allergy, Brigham & Women's Hospital, Boston, MA

**ABSTRACT NUMBER: 1611**

## Increased Body Mass Index May Not be a Risk Factor for the Development of Lupus Nephritis

**Yu Pei Chock**1, Abhijeet Danve1, Wei Fu2 and Michelle Petri3, 1Rheumatology, Yale University, New Haven, CT, 2Rheumatology, Johns Hopkins University School of Medicine, Baltimore, MD, 3Medicine (Rheumatology), Division of Rheumatology, Johns Hopkins University School of Medicine, MD, USA, Baltimore, MD

**ABSTRACT NUMBER: 1616**

## Early and Late Onset Biopsy Proven Lupus Nephritis without Other Associated Autoimmune Diseases: Severity and Long-Term Outcome

**Michelle Lopes**1, Laryssa Santos2, Luciana Seguro3 and Eloisa Bonfa4, 1Rheumatology, Faculdade de Medicina da Universidade de São Paulo, São Paulo, Brazil, 2Rheumatology, Hospital das Clinicas HCFMUSP, Faculdade de Medicina, Universidade de Sao Paulo, Sao Paulo, SP, BR, São Paulo, Brazil, 3Rheumatology Division, Faculdade de Medicina da Universidade de São Paulo, São Paulo, Brazil, 4Rheumatology Divison, Faculdade de Medicina da Universidade de São Paulo, São Paulo, Brazil

**ABSTRACT NUMBER: 1668**

## Identification of a Serum Measure of Lupus Nephritis Activity That Detects Molecular Pathways and Mechanisms Implicated in Renal Damage

**Mikhail Olferiev**1, Dina Greenman2, David Fernandez1, Kerry Merritt1, Kyriakos A. Kirou1and Mary K. Crow3, 1Hospital for Special Surgery, New York, NY, 2Mary Kirkland Center for Lupus Research, Hospital for Special Surgery, New York, NY, 3Department of Medicine, Hospital for Special Surgery, New York, NY

**Tuesday November 7**

**Late Breaking Abstract Session 4:30-6:00pm**

**ABSTRACT NUMBER: 6L**

## Efficacy and Safety of Ustekinumab, an Interleukin 12/23 Inhibitor, in Patients with Active Systemic Lupus Erythematosus: Results of a Phase 2, Randomized Placebo-Controlled Study

**Ronald van Vollenhoven**1, Bevra H. Hahn2, George C. Tsokos3, Carrie Wagner4, Peter Lipsky5, Benjamin Hsu4, Marc Chevrier4, Robert Gordon4, Manon Triebel6 and Shawn Rose4, 1Amsterdam Rheumatology and Immunology Center ARC, Amsterdam, Netherlands, 2UCLA David Geffen School of Medicine, Los Angeles, CA, 3Division of Rheumatology, Department of Medicine, Beth Israel Deaconess Medical Center, Harvard Medical School, Boston, MA, 4Janssen Research & Development, LLC, Spring House, PA, 5Ampel BioSolutions LLC, Charlottesville, VA, 6Janssen Biologics Europe, Leiden, Netherlands

**Tuesday November 7**

**Poster Session C**

**ABSTRACT NUMBER: 2570**

## The Functional Consequence of Human (hu)TLR8 on Macrophage Immunometabolism and Renal Inflammation in Murine Systemic Lupus Erythematosus

**Naomi I. Maria**1, Megan Woods2, Shani Martinez3, Weiqing Huang4 and Anne Davidson4, 1Center for Autoimmune and Musculoskeletal Diseases, Feinstein Institute for Medical Research, Manhasset, NY, 2Center for Autoimmunity and Musculoskeletal Diseases, Feinstein Institute for Medical Research, Manhasset, NY, 3Feinstein Institute for Medical Research, Manhasset, NY, 4Autoimmunity and Musculoskeletal Diseases, Feinstein Institute for Medical Research, Manhasset, NY

**ABSTRACT NUMBER: 2603**

## Induction of Lupus Nephritisin in Real Situation: Cyclophosphamide or Mycophenolate Mofetil?

**Gabriela Munhoz**1, Maira Lacerda1, Michelle Lopes1, Eduardo Ferreira Borba1, Luciana Seguro2 and Eloisa Bonfa3, 1Rheumatology, Faculdade de Medicina da Universidade de São Paulo, São Paulo, Brazil, 2Rheumatology Division, Faculdade de Medicina da Universidade de São Paulo, São Paulo, Brazil, 3Rheumatology Divison, Faculdade de Medicina da Universidade de São Paulo, São Paulo, Brazil

**ABSTRACT NUMBER: 2608**

## Tacrolimus in Non-Asian Systemic Lupus Erythematosus Patients: A Real-Life Experience from Three European Centers

**Chiara Tani**1, Miguel Martin-Cascon2, Mériem Belhocine3, Roberta Vagelli1, Chiara Stagnaro4, Guillermo Ruiz-Irastorza5, Nathalie Costedoat-Chalumeau3 and Marta Mosca1, 1Rheumatology Unit, University of Pisa, Pisa, Italy, 2Autoimmune Diseases Research Unit, BioCruces, Hospital Universitario Cruces, Barakaldo, Spain, 3Service de médecine interne Pôle médecine, Hôpital Cochin, Centre de référence maladies auto-immunes et systémiques rares de l’île de France, Paris, France, 4Rheumatology Unit, University of Pisa, PISA, Italy, 5Autoimmune Diseases Research Unit, BioCruces, Hospital Universitario Cruces, Baracaldo, Spain

**ABSTRACT NUMBER: 2659**

## Development of a Protocol for Single Cell Transcriptomics of Cells from Cryopreserved Lupus Nephritis Kidney Tissue and Urine for the Accelerating Medicines Partnership RA/SLE Network

**Deepak Rao**1, Celine C. Berthier2, Arnon Arazi3, Anne Davidson4, Yanyan Liu5, Edward Browne3, Thomas Eisenhaure3, Adam Chicoine6, David Lieb3, Dawn Smilek7, Patti Tosta7, James Lederer8, Michael Brenner5, David Hildeman9, E. Steve Woodle10, David Wofsy11, Jennifer H. Anolik12, Matthias Kretzler13, Nir Hacohen14 and Betty Diamond15, 1Division of Rheumatology, Immunology, and Allergy, Brigham and Women's Hospital and Harvard Medical School, Boston, MA, 2Nephrology, Division of Nephrology, University of Michigan Medical Center, Ann Arbor, MI, 3Broad Institute, Cambridge, MA, 4Autoimmunity and Musculoskeletal Diseases, Feinstein Inst for Med Rsch, Manhasset, NY, 5Brigham and Women's Hospital and Harvard Medical School, Boston, MA, 6Brigham and Women's Hospital, Boston, MA, 7Immune Tolerance Network, San Francisco, CA, 8Department of Surgery, Brigham and Women's Hospital and Harvard Medical School, Boston, MA, 9University of Cincinnati, Cincinnati, OH, 10University of Cincinnati College of Medicine, Cincinnati, OH, 11Rheumatology, UCSF, San Francisco, CA, 12Medicine- Allergy, Immunology and Rheumatology, University of Rochester Medical Center, Rochester, NY, 13Internal Medicine, Division of Nephrology, University of Michigan, Ann Arbor, MI, 14Harvard Medical School, Boston, MA, 15Autoimmune and Musculoskeletal Diseases, The Feinstein Institute for Medical Research, Manhasset, NY

**Wednesday November 8**

**Concurrent Abstract session 9:00-10:30am**

**Session Title:**[**Systemic Lupus Erythematosus – Clinical Aspects and Treatment V: Longterm Outcomes**](http://acrabstracts.org/sessions/systemic-lupus-erythematosus-clinical-aspects-and-treatment-v-longterm-outcomes-2017)

**ABSTRACT NUMBER: 2924**

## Effect of Antimalarials over the Different Domains of the Damage INDEX in Latin American SLE Patients

**Guillermo J. Pons-Estel**1, Daniel Wojdyla2, Graciela S. Alarcón3, Rosa Maria Serrano4, Rosana Quintana4, Manuel Ugarte-Gil5, Victor Pimentel-Quiroz5, Enrique R Soriano6, Marina Scolnik7, Monica Sacnun4, José A. Gómez-Puerta8, Mario H. Cardiel9, Virginia Pascual-Ramos10, Ignacio Garcia de la Torre11, Leonor Barile9, Luis H. Silveira12, Mary Carmen Amigo13, Maria Josefina Sauza del Pozo14, Marlene Guibert-Toledano15, Gil A. Reyes16, Antonio Iglesias Gamarra17, Luis Alonso Gonzalez18, Rosa Chacón-Díaz19, Maria H Esteva Spinetti20, Isaac Abadi20, Eduardo M. Acevedo-Vásquez21, Jose Alfaro-Lozano22, Maria Ines Segami23, Loreto Massardo24, Oscar Neira25, Emilia Sato26, Eloisa Bonfa27, Lilian Costallat28, Ricardo Xavier29, Fernando Cavalcanti30, Nilizio A. Da Silva31, Eduardo Ferreira Borba32, Luis J. Catoggio33, Joao C. Tavares Brenol29, Verónica Saurit34, Francisco Caeiro35, Alejandro Alvarellos34, Judith Sarano36, Mercedes Garcia37, Laura Onetti38, Cristina Drenkard39, Guillermo Berbotto40, Hugo R. Scherbarth41, Sergio Jacobelli24, Jose F Molina42, Gloria Vásquez42 and Bernardo Pons-Estel43, 1GLADEL, Rosario, Argentina, 2GLADEL consultant, Rosario, Argentina, 3University of Alabama at Birmingham, Birmingham, AL, 4Argentina, GLADEL, Rosario, Argentina, 5Peru, GLADEL, Lima, Peru, 6Argentina, Hospital Italiano de Buenos Aires, Buenos Aires, Argentina, 7Rheumatology Unit, Internal Medicine Service, Hospital Italiano de Buenos Aires, CABA, Argentina, 8Colombia, GLADEL, Medellín, Colombia, 9GLADEL, Mexico, Mexico, 10Instituto Nacional de Ciencias Médicas y Nutrició, Mexico City, Mexico, 11Hospital General de Occidente, Guadalajara, Mexico, 12Rheumatology, Instituto Nacional de Cardiologia Ignacio Chavez, Mexico City DF, Mexico, 13Centro Medico ABC, Mexico, Mexico, 14Servicio de Reumatología, Instituto Mexicano de Seguro Social, Hospital de Especialidades Nº 25, Monterrey, Mexico, 15Centro de Investigaciones Médico Quirúrgicas, Habana, Centro de Investigaciones Médico Quirúrgicas, Habana, La Habana, Cuba, 16GLADEL, Havana, Cuba, 17Grupo de Inmunología Celular e Inmunogenética, Facultad de Medicina, Universidad de Antioquia, medellin, Colombia, 18Medicarte IPS, Medellín, Colombia, 19Servicio de Reumatología, Hospital Universitario de Caracas, Centro Nacional de Enfermedades Reumáticas, Caracas, Venezuela, 20GLADEL, Caracas, Venezuela (Bolivarian Republic of), 21Hospital Nacional Guillermo Almenara Irigoyen, Lima, Peru, 22Rheumatology, Hospital Guillermo Almenara Irigoyen. EsSalud, Lima, Peru, 23GLADEL, Lima, Peru, 24GLADEL, Santiago, Chile, 25Rheumatology Unit, Hospital del Salvador. Facultad de Medicina. Universidad de Chile, Santiago, Chile, 26Rheumatology Division, Universidade Federal de Sao Paulo, Sao Paulo, Brazil, 27Rheumatology Divison, Faculdade de Medicina da Universidade de São Paulo, São Paulo, Brazil, 28GLADEL, Brazil, Brazil, 29GLADEL, Porto Alegre, Brazil, 30GLADEL, Pernambuco, Brazil, 31GLADEL, Goias, Brazil, 32Rheumatology, Faculdade de Medicina da Universidade de São Paulo, São Paulo, Brazil, 33Rheumatology Unit, Internal Medicine Service. Hospital Italiano de Buenos Aires, Buenos Aires, Argentina, 34Rheumatology, Rheumatology Unit, Hospital Privado Universitario de Córdoba, Cordoba, Argentina, 35Rheumatology, Hospital Privado Centro Médico de Córdoba, Córdoba, Argentina, 36Rheumatology Unit, Instituto de Investigaciones Medicas Alfredo Lanari, Buenos Aires, Argentina, 37Rheumatology, HIGA General San Martin La Plata, La Plata, Argentina, 38GLADEL, Cordoba, Argentina, 39Division of Rheumatology, Emory University School of Medicine, Atlanta, GA, 40Sanatorio Británico, Rosario, Argentina, 41GLADEL, Mar del Plata, Argentina, 42GLADEL, Medellin, Colombia, 43GLADEL, Rosario, Santa Fe, Argentina