

# 2012 ACR/ARPH Annual Meeting

## Hospital for Special Surgery: SLE and APS Center of Excellence Abstracts and Presentations

### Abstracts:

- IFN Signature is Associated with Autoantibody Profiles in Patients with Idiopathic Inflammatory Myopathies.
  - S. Vosslamber, L. Ekholm, A. Tjarnlund, C. P. Mavragani, L. Plestilova, M. Klein, **M. K. Crow**
- Influence of Pregnancy on Disease Activity-Associated Genes in Rheumatoid Arthritis.
  - E. J. Peterson, S. Amin, H. Bilgic, E. Baechler Gillespie, **J. E. Salmon**, A. M. Reed, W. Guan, D. L. Mueller
- Cell Bound Complement Activation Products are Associated with Disease Activity in Systemic Lupus Erythematosus.
  - K. C. Kalunian, W. W. Chatham, E. M. Massarotti, J. Reyes-Thomas, R. Furie, Exagen, 5; J. P. Buyon, Exagen, E. C. Somers, C. Putterman, R. L. Gross, None; **K. A. Kirou**, R. Ramsey-Goldman, C. Hsieh, T. Dervieux, Exagen, A. Weinstein
- Longitudinal Analysis of Plasma Factors and Disease Activity Identifies Von Willebrand Factor as a Biomarker of Lupus Flare.
  - M. Olfieriev, **K. A. Kirou**, **E. Gkrouzman**, D. Lundsgaard, Novo Nordisk, K. S. Frederiksen, Novo Nordisk, J. Fleckner, Novo Nordisk, **M. K. Crow**
- Ta Nilotinib (Tasigna™) in the Treatment of Early Diffuse Systemic Sclerosis: A Single Group, Open Label Pilot Clinical Trial.
  - J. K. Gordon, M. L. Davids, K. Doobay, C. Magro, H. F. Wildman, S. L. Lyman, **M. K. Crow**, and Robert F. Spiera
- Apolipoprotein L1 Risk Variants Underlie Racial Disparities in Lupus Nephritis-Induced End-Stage Renal Disease.
  - R. P. Kimberly, B. I. Freedman, C. D. Langfeld, D. Absher, K. K. Andringa, D. Birmingham, E. E. Brown, M. E. Comeau, K. H. Costenbader, L. A. Criswell, J. C. Edberg, J. B. Harley, J. A. James, D. L. Kamen, J. T. Merrill, T. B. Niewold, N. Patel, M. A. Petri, R. Ramsey-Goldman, **J. E. Salmon**, ...

- Enhanced ROCK Activation in Patients with Systemic Lupus Erythematosus.
  - J. Isgro, S. Gupta, **T. M. Pavri, R. Duculan, K. A. Kirou, J. E. Salmon, A. B. Pernis**
- TNF $\alpha$  Induces Sustained Signaling and a Prolonged and Unremitting Inflammatory Response in Synovial Fibroblasts.
  - A. Lee, G. Grigoriev, J. Chen, **L. B. Ivashkiv**, G. D. Kalliolias
- Interferon Regulatory Factor 8 Regulates BAFF Production in Murine Macrophages and Is a Nexus for Cross Talk Between IFN- $\gamma$  and TGF- $\beta$ .
  - **W. Yuan**, S. Gupta, **J. E. Salmon, A. B. Pernis**
- Deletion of RBP-J in a Murine Model of Inflammatory Arthritis Reveals Differential Pro-Inflammatory Cytokine and FoxP3 Gene Expression.
  - **S. D. Chakravarty**, K. Au, X. Hu, **L. B. Ivashkiv**
- Fibrinogen Induced Inhibition of Osteoclastogenesis Is Reversed by Citrullination of Fibrinogen by Peptidylarginine Deiminase.
  - E. Y. Lee, J. S. Kim, H. W. Kim, S. H. Chang, J. S. Song, H. J. Kim, K. H. Park-Min, **L. B. Ivashkiv**, E. B. Lee, Y. W. Song
- Analysis of Gene Expression Patterns in Rheumatoid Arthritis (RA) Synovial Macrophages From Patients Undergoing Disease Flare
  - K. L. Berg, A. Hanidu, J. Hill, X. Jiang, T. Freeman, J. Swantek, A. Yarlina, G. D. Kalliolias, **L. B. Ivashkiv**, G. H. Nabozny
- Effects of Stress On Clinical Presentation of Patients with Early Rheumatoid Arthritis.
  - Y. A. Kim, **J. E. Salmon**, J. Xiong, B. Haraoui, C. A. Hitchon, None; E. Keystone, J. Pope, D. Tin, J. C. Thorne, G. Boire, V. P. Bykerk
- Abnormal Serologies in the Absence of Clinical Activity Do Not Predict New or Recurrent Lupus Nephritis During Pregnancy.
  - J. P. Buyon, **A. Aslam, M. M. Guerra, M. D. Lockshin**, C. A. Laskin, W. Branch, **L. R. Sammaritano**, M. Petri, J. T. Merrill, A. D. Sawitzke, **J. E. Salmon**
- Effect of Hydroxychloroquine (HCQ) On the Annexin A5 Resistance Assay (AnxA5-RA) in Antiphospholipid Antibody (aPL)-Positive Patients: Preliminary Results of an Ongoing Prospective Study.
  - **A. B. Levine**, J. H. Rand, Inventor, X. X. Wu, **J. Vega, G. Ramon**, S. L. Lyman, **D. Erkan, M. D. Lockshin**

- The Estimated Prevalence of Antiphospholipid Antibodies in the General Population with Pregnancy Morbidity.
  - C. B. Chighizola, G. Ramires de Jesus, L. Andreoli, A. Banzato, G. J. Pons-Estel, **M. D. Lockshin, D. Erkan**
- Serum IFN $\alpha$  Activity in Systemic Lupus Erythematosus Drops in Response to Immunosuppressive Therapy Only When There Is Concurrent Clinical Response.
  - E. E. Jacek, E. Gkrouzman, M. Olfieriev, N. Pan, **R. Duculan, K. A. Kirou, M. K. Crow**
- Teaching Medical Students Principles of Chronic Disease: Medicine of the 4th and 5th Dimension At Weill-Cornell.
  - **M. D. Lockshin**, G. McDermott, L. Zambrana, **A. B. Levine**
- Real World Experience with Belimumab in the Management of Systemic Lupus Erythematosus (SLE): A Single Center, Observational, Post-Marketing Study.
  - **S. S. Kim, T. Pavri, K. A. Kirou, J. Salmon, D. Erkan**
- Cardiovascular Disease Prevention Counseling Program for Systemic Lupus Erythematosus and/or Antiphospholipid Antibody Positive Patients: Two-Year Preliminary Analysis of Diet and Exercise Habits.
  - **V. Haiduc, M. C. Richey**, S. Everett, A. Dwivedi, L. Konstantellis, H. Ghomrawi, **D. Erkan**
- Pro-Inflammatory and Pro-Thrombotic Markers in Persistently Antiphospholipid Antibody-Positive Patients with/without Systemic Lupus Erythematosus.
  - G. Basra, **D. Erkan**, R. Willis, **J. Vega**, A. L. Carrera Marin, P. Ruiz Limon, V. L. Murthy, S. Jatwani, N. Dang, E. B. Gonzalez, S. S. Pierangeli
- An Open-Label Prospective Pilot Mechanistic Study of Fluvastatin in Persistently Antiphospholipid Antibody-Positive Patients.
  - **D. Erkan**, R. Willis, **J. Vega**, V. L. Murthy, A. L. Carrera Marin, G. Basra, P. Ruiz Limon, E. B. Gonzalez, S. S. Pierangeli
- The Estimated Prevalence of Antiphospholipid Antibodies in General Population Patients with Pregnancy Loss, Stroke, Myocardial Infarction, and Deep Vein Thrombosis.
  - L. Andreoli, A. Banzato, C. B. Chighizola, G. J. Pons-Estel, G. Ramires de Jesus, **M. D. Lockshin, D. Erkan**
- The Mary Kirkland Center for Lupus Care General Health Assessment Initiative for Systemic Lupus Erythematosus Patients.
  - **M. C. Richey, D. Erkan, K. A. Kirou**

- The Short Term Effect of Individualized Nutrition Counseling On Nutrients and Select Cardiovascular Risk Factors in Patients with Systemic Lupus Erythematosus.
  - S. Everett, **V. Haiduc, M. C. Richey, D. Erkan**

## **Oral Presentations:**

- Progress in Understanding Pregnancy Complications in Patients with Antiphospholipid Syndrome and Systemic Lupus Erythematosus – The Promise Study.
  - **Jane E. Salmon, MD**
- Synergism Between IFN $\gamma$  and TLR In Inflammation in Macrophage Activation Syndrome.
  - **Lionel B. Ivashkiv, MD**
- Role of Complement.
  - **Mary K. Crow, MD**
- Antiphospholipid Syndrome Action: Two Year Anniversary.
  - **Doruk Erkan, MD**
- Focusing on Basics: Regional Musculoskeletal Modules.
  - **Jessica Berman, MD**
- Catastrophic Antiphospholipid Syndrome (Clinical Review).
  - **Doruk Erkan, MD**
- Pain: Dealing with Patients with Refractory Pain in Musculoskeletal and Autoimmune Disorders.
  - **Stephen A. Paget, MD**
- Predictive Biomarkers in SLE: Where are we?
  - **Mary K. Crow, MD**