

**3<sup>rd</sup> Annual Sudhir Gupta Endowed Chair in Molecular Immunology Fundraiser Symposium**  
**Current Biological Therapy in Immune-Mediated Diseases**  
September 22, 2007  
Fairmont Newport Beach Hotel  
4500 MacArthur Boulevard, Newport Beach, CA

**Mission:** Recently, there have been major advances in the area of pathogenesis and biological approaches for the treatment of primary immunodeficiency and autoimmune diseases. This symposium will present current and future approaches to understand and treat a variety of immune-mediated diseases. It is hoped that the attendees (from practicing specialists and generalists to scientists) will gain new knowledge and apply to investigate and manage patients with these disorders. (symposium is free of charge)

### **Scientific Program**

#### **Primary Immunodeficiency Diseases**

**Chairs:** Frank Arena and Neena Kapoor

8:30-9:10 Molecular Defects in Primary Immunodeficiency Diseases: Jennifer Puck

9:10-9:50 Stem Cell Transplantation in Primary Immunodeficiency diseases- Rebecca Buckley

9:50-10:10 **Coffee Break**

10:10-10:50 What can we learned from Ig current and potential applications? : Richard Schiff

10:50-11:30 New immunoglobulin products Subcutaneous IG, High titered IVIGs (HBIG, Vaccinia IG, RhIVIG) and therapeutic monoclonal antibodies E. Richard Stiehm

11:30-1:15 **Lunch**

#### **Autoimmune Diseases**

**Chairs:** Rebecca Buckley and Jeniffer Puck

1:15-1:45 A paradox of immunodeficiency and autoimmunity: Lessons learned from cell death- Sudhir Gupta

1:45- 2:25 Current Concepts of therapy in Rheumatoid Arthritis: Sharad Lakhanpal

2:25-2:45 **Coffee break**

2: 45-3:15 B cell-based therapy for Rheumatoid Arthritis: Brian Andrews

3:15- 4:00 Stem Cell Transplantation in Autoimmune Diseases-Richard Burt

## Faculty:

Brian Andrews, M.D., Ph.D. Professor of Medicine. Chief, Division of Rheumatology & Clinical Immunology, University of California, Irvine, CA

Francis Arena, M.D. President and Director of Research, The Sass Foundation for Medical Research, New York

Rebecca Buckley, M.D. Sidbury Professor of Pediatrics and Immunology, Duke University Medical Center, Durham, NC

Richard Burt, M.D. Division of Immunotherapy, Northwestern University Feinberg Medical Center, Chicago, IL

Sudhir Gupta, M.D., Ph.D. Professor of Medicine, Pathology & Laboratory Medicine, and Microbiology & Molecular Genetics. Chief, Division of Basic and Clinical Immunology, University of California, Irvine, CA

David Horwitz, M.D. Professor of Medicine, and Microbiology & Immunology. Chief of Rheumatology and Immunology, University of Southern California, Keck School of Medicine, Los Angeles, CA

Neena Kapoor, M.D. Professor Pediatrics, University of Southern California, Keck School of Medicine, Los Angeles, CA. Clinical Director of Stem Cell Transplantation, Los Angeles Children Hospital.

Sharad Lakhanpal, M.D. Clinical Professor of Medicine, University of Texas Southwestern Medical School, Dallas, Texas.

Jennifer Puck, M.D. Professor of Pediatrics, University of San Francisco, CA

Richard Schiff, M.D., Ph.D. Global Medical Director, Baxter Biosciences,

E.Richard Steihm, M.D., Professor of Pediatrics, UCLA School of Medicine, Los Angeles, CA