



# ***Discovery Strategies Conference: Modeling Human Autoimmune Diseases in the Laboratory Rodent***

**May 27-29, 2008**

## **Conference Agenda**

Schedule is subject to change.

For more information, please contact Toni Joerres at  
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**All lectures to be held at The Mission Bay Conference Center at The University of California, San Francisco, unless otherwise noted.**

### **Tuesday, May 27<sup>th</sup>**

5:00-7:00pm      **Registration and Poster Set-up**

7:00-9:00pm      **Reception and Poster Session**

### **Wednesday, May 28<sup>th</sup>**

7:00-8:00am      **Registration and Continental Breakfast**

8:00-8:15am      **Welcoming remarks**  
*Teresa Chu, Ph.D., The Jackson Laboratory*

#### ***Session I – Rheumatoid Arthritis – Andy Chan, Chair***

8:15-9:05am      **Mast cells and inflammatory arthritis**  
*David Lee, M.D., Ph.D., Brigham Medical Center*

9:05-9:55am      **HLA Class II Transgenic Mice Mimic Human Inflammatory Arthritis**  
*Chella David, Ph.D., Mayo Clinic*

9:55-10:10am      **Break**

10:10-11:00am      **Role of Apoptotic Factors in Mouse Models of Inflammatory Arthritis**  
*Harris Perlman, Ph.D., Saint Louis University*

11:00-11:50am      **Mouse Models use to Research Human Autoimmune Diseases: Merits and Challenges**  
*David Daikh, M.D., Ph.D., University of California, San Francisco*

12:05-1:00pm      **Lunch**

***Session II - Systemic Lupus Erythematosus - Marina Botto, Chair***

1:00-1:50pm      **Congenetic Models of Lupus - Where do we go from here?**  
*Chandra Mohan, M.D., Ph.D., University of Texas Southwestern Medical Center at Dallas*

1:50-2:40pm      **The Role of IL21 in Animal Models of Lupus**  
*Cheryl Nickerson-Nutter, Ph.D., Wyeth*

2:40-2:55pm      **Break**

2:55 - 3:45pm      **What Knockout Mice Have Taught Us About the Pathogenesis of Lupus**  
*Marina Botto, M.D., Imperial College*

3:45 – 4:35pm      **TBA**  
TBA

**Thursday, May 29<sup>th</sup>**

7:00-8:00am      **Registration and Continental Breakfast**

***Session III- Multiple Sclerosis - Ian Duncan, Chair***

8:00 – 8:50am      **EAE in the Rodent as a Model of MS; What can be Learned?**  
*Ian Duncan, B.V.M.S., Ph.D., School of Veterinary Medicine University of Wisconsin - Madison*

8:50 – 9:40am      **An Antigen-Specific Tolerance Strategy for the Treatment of Murine Models of MS and Type 1 Diabetes in the Face of Epitope Spreading**  
*Stephen Miller, Ph.D., Northwestern University Medical School*

9:40 – 9:55am      **Break**

9:55-10:45am      **Deconstructing Multiple Sclerosis**  
*Philip Lawrence De Jager, M.D., Brigham and Women's Hospital, Boston*

10:45-11:35am      **Unique B Cell Receptor Signature Motif in Multiple Sclerosis**  
*Nancy Monson, Ph.D., University of Texas Southwestern Medical Center at Dallas*

11:35-12:00pm      **Fast Forward: Speeding Treatments to People with MS**  
*Timothy Coetzee, Ph.D., National Multiple Sclerosis Society*

12:00-1:00      **Lunch**

*Session IV- Humanized Mouse Models –Leonard Shultz, Chair*

- 1:00-1:50pm            **Humanized SCID Mice: A Road Well Traveled**  
*Leonard Shultz, Ph.D., The Jackson Laboratory*
- 1:50-2:40pm            **Modeling Human Diseases Using NOD/SCID/IL2rgKO Mice**  
*Fumihiko Ishikawa, M.D., Ph.D., RIKEN Research Center*
- 2:40-2:55pm            **Break**
- 2:55-3:45pm            **Humanized Mice for the Study of Diabetes**  
*Dale Greiner, Ph.D., University of Massachusetts*
- 3:45-4:35pm            **Humanized HLA Transgenic: Mice in Type 1 Diabetes Research**  
*David Serreze, Ph.D., The Jackson Laboratory*
- 6:00-7:00pm            **Banquet at Le Meridien Hotel**
- 7:00-8:00pm            **Keynote Presentation**  
*Andy Chan, M.D., Ph.D., Genentech*

Meeting Adjourns