Immunoreceptors and Immunotherapy

June 10-15, 2018
Snowmass, Colorado

Co-Organizers:

E. Sally Ward
Texas A&M University Health Science Center
Texas, USA

Stephen A. Beers
University of Southampton
Southampton, UK

Sunday,
June 10, 2018
4:00PM – 9:00PM
Conference Registration

5:30PM – 6:30PM
FASEB Opening Reception

6:30PM – 7:45PM
Dinner

7:45PM – 9:00PM
Keynote Speaker: Jason Cyster, University of California – San Francisco, USA
“Molecular Cues Organizing B Cell Responses”

Monday,
June 11, 2018
7:30AM – 9:00AM
Breakfast

Session 1:
9:00AM – 12:15PM
Fc Receptors: From Structure to Function
Session Chair: Jenny Woo, University of Dundee, UK

9:00AM – 9:15AM
Welcome from FASEB

9:15AM – 9:45AM
Peter Sun, NIAID, USA
“Fc Gamma Receptors: From Structural Studies to Interactions With Pentraxins”

9:45AM – 10:15AM Mark Hogarth, Burnet Institute, Australia
“Modulation of Fc Gamma Receptor Function and Cross-Species Differences”

10:15AM – 10:30AM Early-Career Investigator
Short Talk (selected from abstracts)

10:30AM – 11:00AM FASEB Sponsored Coffee Break

11:00AM – 11:30AM Diane Lidke, University of New Mexico School of Medicine, USA
"Dynamic Behavior of FcεR Signaling"

11:30AM – 12:00PM Jeanette Leusen, UMC Utrecht, The Netherlands
"Dissecting the Function of Fc Gamma Receptors in Therapy"

12:00PM – 12:15PM Early-Career Investigator
Short Talk (selected from abstracts)

12:15PM – 1:15PM Lunch and Meet the Expert Session

2:30PM – 4:00PM Career Development Workshop

4:00PM – 6:00PM Poster Session 1

6:00PM – 7:00PM Dinner

Session 2: Therapeutic Antibodies: Models and Mechanisms
Session Chair: Stephen Beers, University of Southampton, UK

7:00PM – 9:45PM Falk Nimmerjahn, University of Erlangen-Nuremberg, Germany
“Humanized Mouse Models and Antibody Effector Functions”

7:30PM – 8:00PM E. Sally Ward, Texas A&M University Health Science Center, USA
“Targeting FcRn for Therapy”

8:00PM – 8:15PM Early-Career Investigator
Short Talk (selected from abstracts)

8:15PM – 8:30PM Break

8:30PM – 9:00PM Marjolein van Egmond, VU University Medical Center, The Netherlands
“Neutrophil and Macrophage-Mediated Killing”

9:00PM – 9:30PM Rob de Jong, Genmab, The Netherlands
“Complement-Mediated Killing”

9:30PM – 9:45PM Early-Career Investigator
Short Talk (selected from abstracts)
Tuesday, June 12, 2018
7:30AM – 9:00AM
Breakfast

Session 3:
9:00AM – 12:00PM
B Cell Receptor Signaling and Antibody Responses
Session Chair: John Cambier, University of Colorado School of Medicine, USA

9:00AM – 9:30AM
Pavel Tolar, The Francis Crick Institute, UK
“The Mechanics of B Cell Antigen Uptake”

9:30AM – 10:00AM
Julie Zikherman, University of California – San Francisco, USA
“Distinct Roles of IgM and IgD B Cell Receptors in Regulation of Autoreactive B Cells”

10:00AM – 10:15AM
Early-Career Investigator
Short Talk (selected from abstracts)

10:15AM – 10:45AM
Group Photo & FASEB Sponsored Coffee Break

10:45AM – 11:15AM
John Cambier, University of Colorado School of Medicine, USA
“B Cell Anergy in Health and Disease”

11:15AM – 11:45AM
Greg Ippolito, UT Austin, USA
“Antibody Repertoires”

11:45AM – 12:00PM
Early-Career Investigator
Short Talk (selected from abstracts)

12:00PM – 1:00PM
Lunch and Meet the Expert Session

1:00PM – 6:00PM
Group Activity

6:00PM – 7:00PM
Dinner

Session 4:
7:00PM – 9:45PM
Inhibitory Receptors
Session Chair: Peter Sun, NIAID, USA

7:00PM – 7:30PM
Peter Parham, Stanford University School of Medicine, USA
“Evolution of KIRs”

7:30PM – 8:00PM
Eric Long, NIAID, USA
“KIR Behavior at the Immunological Synapse”

8:00PM – 8:15PM
Early-Career Investigator
Short Talk (selected from abstracts)

8:15PM – 8:30PM
Break

8:30PM – 9:00PM
Ana Anderson, Harvard Medical School, USA
“Co-Inhibitory Receptor-Targeting of T Cells”

9:00PM – 9:30PM
Michael Dustin, The Kennedy Institute, UK
“The T Cell Immunological Synapse”
Wednesday, June 13, 2018
7:30AM – 9:00AM
Breakfast

Session 5: Cytokines and Signaling
9:00AM – 12:00PM
Session Chair: Warren Leonard, NHLBI/NIAMS (NIH), USA

9:00AM – 9:30AM
Thomas Malek, University of Miami, USA
“Cytokine-Mediated Homeostasis of Regulatory T Cells”

9:30AM – 10:00AM
Warren Leonard, NHLBI/NIAMS (NIH), USA
“Pleiotropic Activities of IL-21”

10:00AM – 10:15AM
Early-Career Investigator
Short Talk (selected from abstracts)

10:15AM – 10:45AM
FASEB Sponsored Coffee Break

10:45AM – 11:15AM
Chandrashekhar Pasare, UT Southwestern Medical Center, USA
“IL-1 Family of Cytokines: A New Perspective on their Role in T Cell Biology”

11:15AM – 11:45PM
Tania Watts, University of Toronto, Canada
“Type I Interferon Induction of Signal 4 - a Post-Priming Checkpoint for T Cell Accumulation”

11:45AM – 12:00PM
Early-Career Investigator
Short Talk (selected from abstracts)

12:00PM – 1:00PM
Lunch and Meet the Expert Session

Free Afternoon

4:00PM – 6:00PM
Poster Session 2

6:00PM – 7:00PM
Dinner

Session 6: T Cell Receptor Recognition and Signaling
7:00PM – 9:45PM
Session Chair: Simon Davis, Weatherall Institute of Molecular Medicine, UK

7:00PM – 7:30PM
David Margulies, NIAID, USA
“Molecular Mechanisms of Chaperone-mediated MHC-I Peptide Loading and of TCR-mediated Signaling”

7:30PM – 8:00PM
Katharina Gaus, UNSW Sydney, Australia
“Single Molecule Studies of TCR Signaling”

8:00PM – 8:15PM
Early-Career Investigator
### Thursday, June 14, 2018

#### Session 7:
**Immune Responses in the Tumor Microenvironment**
Session Chair: Pamela Ohashi, University of Toronto, Canada

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>9:00AM – 9:30AM</td>
<td>Greg Delgoffe, University of Pittsburgh, USA</td>
<td>“Intratumoral T Cell Metabolism”</td>
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<tr>
<td>9:30AM – 10:00AM</td>
<td>Pamela Ohashi, University of Toronto, Canada</td>
<td>“T Cells and Anti-Tumor Immunity”</td>
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<td>10:00AM – 10:15AM</td>
<td>Early-Career Investigator</td>
<td>Short Talk (selected from abstracts)</td>
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<td>10:15AM – 10:45AM</td>
<td>FASEB Sponsored Coffee Break</td>
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<tr>
<td>10:45AM – 11:15AM</td>
<td>Max Krummel, University of California – San Francisco, USA</td>
<td>“Imaging Tumors to Understand and Eliminate Them”</td>
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<tr>
<td>11:15AM – 11:45AM</td>
<td>Steve Beers, University of Southampton, UK</td>
<td>“STING Agonists”</td>
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<td>11:45AM – 12:00PM</td>
<td>Early-Career Investigator</td>
<td>Short Talk (selected from abstracts)</td>
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#### Session 8:
**Immunotherapy**
Session Chair: Jeanette Leusen, UMC Utrecht, The Netherlands

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<thead>
<tr>
<th>Time</th>
<th>Speaker</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>3:00PM – 3:30PM</td>
<td>Sergio Quezada, UCL Cancer Institute, UK</td>
<td>“Enhancing Intratumoral T Cell Responses”</td>
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<tr>
<td>3:30PM – 4:00PM</td>
<td>Eduardo Davila, University of Maryland, USA</td>
<td>“High Throughput Screening for Rapid Identification of Immunosensitizing Agents”</td>
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4:00PM – 4:15PM  Early-Career Investigator  
*Short Talk (selected from abstracts)*

4:15PM – 4:45PM  Break

4:45PM – 5:15PM  Scott Koenig, MacroGenics Inc., USA  
*“Novel Antibody Platforms for Immunotherapy”*

5:15PM – 5:30PM  Early-Career Investigator  
*Short Talk (selected from abstracts)*

6:00PM – 10:00PM  Dinner and party!

**Friday,**  
**June 15, 2018**  
7:30AM – 9:00AM  Breakfast (to go) and Departure

**END OF CONFERENCE**

For additional information contact:  
FASEB Science Research Conferences  
9650 Rockville Pike  
Bethesda, MD 20814

[www.faseb.org/src](http://www.faseb.org/src)