**FASEB Catalyst Conferences**

**Immune Repertoire Decoding**

**Wednesday, January 26, 2022**

Conference Organizer:
Karsten Sauer, Vice President, Repertoire Immune Medicines, Cambridge, MA. Associate Professor (adjunct), The Scripps Research Institute, La Jolla, CA.

*Schedule subject to change. This is a live presentation and a recording will be available post-event.*

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<th>Time (U.S. Eastern)</th>
<th>Agenda</th>
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<tr>
<td>11:00 am – 11:10 am</td>
<td>FASEB Welcome &amp; Organizer Welcome</td>
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| 11:10 am – 11:40 pm | Large-scale Antigen Identification by Reprogramming Viral Entry  
*Michael Birnbaum, Associate Professor, MIT, Cambridge, MA* |
| 11:40 am – 12:10 pm | Methods for Detecting Peptide-MHC and T Cell Specificities  
*Stephen J. Elledge, Professor, Harvard Medical School and Brigham & Women’s Hospital, Boston, MA* |
| 12:10 pm – 12:40 pm | Tebentafusp: Clinical Validation of a Soluble TCR Bispecific Platform  
*David Berman, Head of Research and Development, Immunocore Ltd, Abingdon, Oxford, UK* |
| 12:40 pm – 1:10 pm | Keynote Lecture “The Targets of Adaptive Immune Responses to SARS-CoV-2”  
*Alessandro Sette, Professor and Member, La Jolla Institute for Immunology and UCSD School of Medicine, La Jolla, California* |
| 1:10 pm – 1:30 pm | Lunch Break |
| 1:30 pm – 2:00 pm | Technologies for Epitope-pairing and Functionally Characterizing T Cell Clonotypes Specific to Epitopes Across a Full Viral Proteome  
*James Heath, President & Professor, Institute for Systems Biology, Seattle, WA* |
| 2:00 pm – 2:30 pm | Decoding the Antigen Specificity of the B Cell Repertoire Using LIBRA-seq  
*Ivelin Georgiev, Associate Professor, Vanderbilt University Medical Center, Nashville, TN* |
| 2:30 pm – 3:00 pm | Decoding the Immune Synapse for Development of Immunotherapeutics and Diagnostics  
*Anthony Coyle, President, Research and Development, Repertoire Immune Medicines, Cambridge, MA* |
| 3:00 pm – 3:30 pm | Virtual Roundtable Discussion  
Moderator:  
Karsten Sauer, Vice President, Repertoire Immune Medicines, Cambridge, MA. |
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<td>3:30 pm – 3:35 pm</td>
<td>Organizer’s Closing Remarks</td>
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Panelists:

David Berman, Head of Research and Development, Immunocore Ltd, Abingdon, Oxford, UK
Michael Birnbaum, Associate Professor, MIT, Cambridge, MA
Ivelin Georgiev, Associate Professor, Vanderbilt University Medical Center, Nashville, TN