



## 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.*

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

<https://www.faseb.org/Science-Research-Conferences/Catalyst-Conferences>



**FASEB**  
Federation of American Societies  
for Experimental Biology

**Catalyst**  
Conferences

	<p>Panelists: <i>David Berman, Head of Research and Development, Immunocore Ltd, Abingdon, Oxford, UK</i> <i>Michael Birnbaum, Associate Professor, MIT, Cambridge, MA</i> <i>Ivelin Georgiev, Associate Professor, Vanderbilt University Medical Center, Nashville, TN</i></p>
<b>3:30 pm – 3:35 pm</b>	<b>Organizer’s Closing Remarks</b>