# FASEB Catalyst Conferences

**B Cells in Injury and Regeneration**

**Wednesday, April 21, 2021**

**Conference Organizers:**
Ruxandra F. Sirbulescu, PhD, Instructor and Mark C. Poznansky, MD, PhD, Director, Vaccine and Immunotherapy Center, Department of Medicine, Massachusetts General Hospital, Harvard Medical School, Boston, USA

Registration link: [https://zoom.us/webinar/register/WN_AI_M7jAuSS-R6u-E-S34ig](https://zoom.us/webinar/register/WN_AI_M7jAuSS-R6u-E-S34ig)

Schedule subject to change. All speakers will present live and will not be recorded.

<table>
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<th>Time (US Eastern)</th>
<th>AGENDA</th>
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| 1:00 pm – 1:15 pm | Welcome Remarks and Introduction  
Ruxandra F. Sirbulescu, PhD, Instructor, Vaccine and Immunotherapy Center  
Mark C. Poznansky, MD, PhD, Director, Vaccine and Immunotherapy Center |
| 1:15 pm – 1:45 pm | Harnessing B Cells to Support Functional Plasticity After Stroke  
Ann M. Stowe, PhD, University of Kentucky College of Medicine, Lexington, KY, USA |
| 1:45 pm – 2:15 pm | Digital Cytometry for Ultrasensitive Quantification of Immune Cell Surface-Bound Antigens  
Conor L. Evans, PhD, Wellman Center for Photomedicine, Massachusetts General Hospital, Harvard Medical School, Boston, MA, USA |
| 2:15 pm – 2:45 pm | From Wound Healing to Brain injury: B Cell Therapy for Tissue Repair  
Ruxandra F. Sirbulescu, PhD, Vaccine and Immunotherapy Center, Massachusetts General Hospital, Harvard Medical School, Boston, MA, USA |
| 2:45 pm – 3:00 pm | Break |
| 3:00 pm – 3:30 pm | Pulmonary Immune Responses to Hyperoxic Injury  
Dusan Hanidziar, MD, Department of Anesthesia, Critical Care and Pain Medicine, Massachusetts General Hospital, Boston, MA, USA |
| 3:30 pm – 4:00 pm | Therapeutic Potential of Regulatory B cells in Transplantation  
Kang Mi Lee, PhD, Center for Transplantation Sciences, Massachusetts General Hospital, Harvard Medical School, Boston, MA, USA |
| 4:00 pm – 4:30 pm | Proinflammatory and Regulatory B cells in Health and Tissue Pathology  
Thomas F. Tedder, PhD, Departments of Immunology and Pediatrics, Duke University Medical Center, Durham, NC, USA |
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| 4:30 pm – 4:55 pm | Questions and Panel Discussion  
Ann M. Stowe, PhD, University of Kentucky College of Medicine, Lexington, KY, USA  
Conor L. Evans, PhD, Wellman Center for Photomedicine, Massachusetts General Hospital, Harvard Medical School, Boston, MA, USA  
Ruxandra F. Sirbulescu, PhD, Vaccine and Immunotherapy Center, Massachusetts General Hospital, Harvard Medical School, Boston, MA, USA  
Dusan Hanidziar, MD, Department of Anesthesia, Critical Care and Pain Medicine, Massachusetts General Hospital, Boston, MA, USA  
Kang Mi Lee, PhD, Center for Transplantation Sciences, Massachusetts General Hospital, Harvard Medical School, Boston, MA, USA  
Moderator: Mark C. Poznansky, MD, PhD |
| 4:55 pm – 5:00 pm | Closing Remarks  
Ruxandra F. Sirbulescu, PhD, Instructor, Vaccine and Immunotherapy Center  
Mark C. Poznansky, MD, PhD, Director, Vaccine and Immunotherapy Center |