



18th Annual CBC Symposium “Immunology and Immunoengineering Response to COVID-19”

Friday, November 5, 2020

Virtual Webinar via Zoom

<https://northwestern.zoom.us/j/92227344054>

**Note: This link should not be shared with others*

Program Schedule

8:45 AM Zoom Waiting Area Open for Attendees

9:00 AM Welcome and Opening Remarks by **Michelle Hoffman, CBC Executive Director** and **Richard Novak, CBC Symposium Organizer (UIC)**

Moderator I: Richard Novak

OPENING SESSION

9:10 AM **Jennifer LAYDEN**, Center for Disease Control & Prevention; University of Illinois
Importance of Science in Public Health Response

SESSION I: Understanding Serological Response to Infection

9:45 AM **George GEORGIU**, University of Texas Austin
The Composition and Functions of the IgG Antibodies that Comprise the Serum Antibody Repertoire in Response to Infection or Vaccination.

10:20 AM **Bellur S. PRABHAKAR**, University of Illinois at Chicago
Determinants of Antiviral Response Against SARS-CoV-2

10:55 AM **5 Min Break**

11:00 AM **Alexis DEMONBREUN**, Northwestern University
Patterns of COVID-19 Seroprevalence and Response to Vaccination in the Chicago Area

SESSION 2: Understanding Immune Consequences of Infection

Moderator II: Jeffrey Hubbell

- 11:35 AM** **Melody SWARTZ**, The University of Chicago
[Lymphovascular Dysregulation in COVID-19](#)
- 12:10 PM** **Virtual Posters on** <https://cbcsymp2021.virtualpostersession.org/> **Break**
Poster session password (if prompted): CBCsymp2021

Moderator II: Jeffrey Hubbell

- 12:50 PM** **Aaron RING**, Yale School of Medicine
[Autoantibodies in COVID-19](#)
- 1:25 PM** **Scott BUDINGER**, Northwestern University
[Distinctive Features of SARS-CoV-2 Pneumonia in Adults](#)

SESSION 3: Discovery and Diagnostics

Moderator III: Scott Budinger

- 2:00 PM** **Karla Fullner SATCHELL**, Northwestern University
[Structure Biology of SARS-CoV-2 Viral Proteins Informs Novel Drugs and Diagnostics](#)
- 2:35 AM** **5 Min Break**
- 2:40 PM** **Michael CAFFREY**, University of Illinois at Chicago
[BioAerium – A Real-time Sensor of Airborne SARS-CoV-2](#)
- 3:15 PM** **Sally MCFALL**, Northwestern University
[DASH: A Molecular Diagnostic Platform Providing Sample-to-Result in 15 Minutes or Less](#)
- 3:50 PM** Closing Remarks and Thank you by **Jeffrey Hubbell**, Symposium Organizer (UChicago), **Michelle Hoffmann**, **CBC Executive Director**
- 4:00 PM** Adjourn