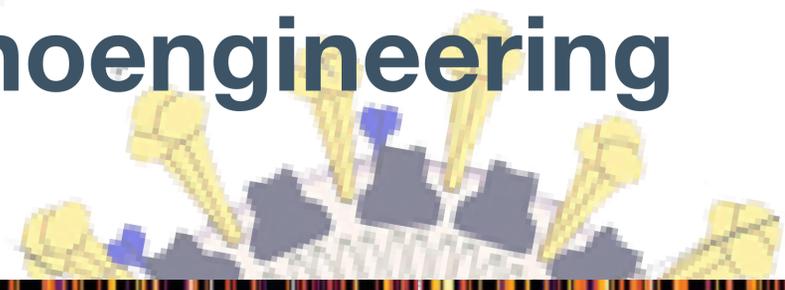


CHICAGO  
BIOMEDICAL  
CONSORTIUM

Friday, November 5, 2021  
9:00 AM - 4:00 PM  
VIRTUAL via ZOOM

**18th Annual CBC Symposium**

# Immunology and Immunoengineering Response to COVID-19



## Scott BUDINGER

Northwestern University

*Distinctive Features of SARS-CoV-2  
Pneumonia in Adults*

## Alexis DEMONBREUN

Northwestern University

*Patterns of COVID-19 Seroprevalence  
and Response to Vaccination in the  
Chicago Area*

## Jennifer LAYDEN

Center for Disease Control and Prevention;  
University of Illinois at Chicago

*Importance of Science in Public Health  
Response*

## Bellur S. PRABHAKAR

University of Illinois at Chicago

*Determinants of Antiviral Response  
Against SARS-CoV-2*

## Karla Fullner SATCHELL

Northwestern University

*Structure Biology of SARS-CoV-2 Viral  
Proteins Informs Novel Drugs and  
Diagnostics*

## Michael CAFFREY

University of Illinois at Chicago

*BioAerium - a Real-time Sensor of  
Airborne SARS-CoV-2*

## 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*

## Sally MCFALL

Northwestern University

*DASH: A Molecular Diagnostic Platform  
Providing Sample-to-Result in 15  
Minutes or Less*

## Aaron RING

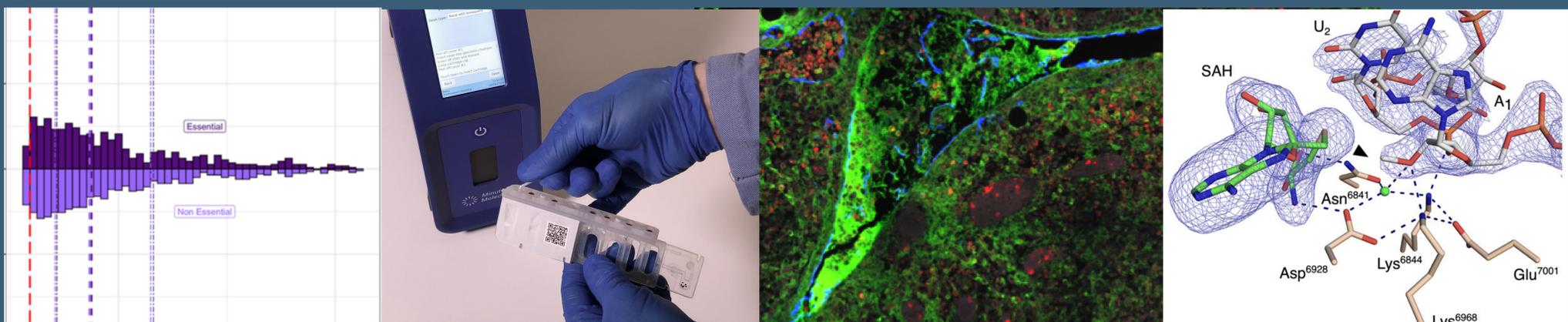
Yale School of Medicine

*Autoantibodies in COVID-19*

## Melody SWARTZ

The University of Chicago

*Lymphovascular Dysregulation in  
COVID-19*



[www.chicagobiomedicalconsortium.org](http://www.chicagobiomedicalconsortium.org)

### Organizers:

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Jeffrey Hubbell, The University of Chicago  
Richard Novak, University of Illinois at Chicago  
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