

**The National Academies
Zoom.Gov and Agenda Information**

Roundtable on Biomedical Engineering Materials and Applications

**“COVID-19 related materials and devices
(Therapeutic/Diagnostic/Protective): Issues and Opportunities Part 2”**

**Sunday, January 31, 2021- 7:00 pm (EST)
Presentation by Dr. Marvin Slepain, MD
and**

**Monday, February 1, 2021
8:30 am (EST) (US and Canada)**

Virtual Zoom.Gov Meeting Link for Both Days:

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AGENDA

Sunday, January 31, 2021 (7:00 pm EST)

7:00 -7:40 pm

Dr. Marvin Slepian (U. of Arizona)

"Operating an R1 University in the evolving COVID pandemic: lessons learned, active steps and practices"

7:40-7:50 Break

7:50 – 8:40 pm

"Cardiovascular therapeutic device coagulopathy: Definition of a new pathology based on blood-biomaterial interactions- A side effect of COVID"

Monday, February 1, 2021

8:30 - 8:45 am

Welcome and Introductions – Rebecca Bergman and Art Coury, BEMA Co-Chair's

8:45 - 9:35 am

Dr. Bifeng Qian (CDRH, FDA)

"FDA Regulation of Personal Protective Equipment (PPE) During COVID-19 Public Health Emergency"

9:35 - 10:25 am

Dr. Behnam Pourdeyhimi (North Carolina State U)

"Facemasks: Technology, Testing and Effectiveness"

10:25 - 10:35 am

Break

10:35 - 11:25 am

Dr. Joachim Kohn (Rutgers University)

"Opportunities for Biomaterials to address the Challenges of COVID-19"

11:25 - 12:00 pm

Lunch

12:00 - 12:50 pm

Dr Nikki McCoullough (3M)

"Considerations and Challenges of Respiratory Protection Supply, Selection, Use and Education in Response to the COVID-19 Pandemic"

12:50 - 1:40 pm

Dr. Robert Ward (ExThera Medical Corp.)

"Use of a Pathogen-Removing Blood Filter in the Treatment of COVID-19"



NATIONAL MATERIALS AND MANUFACTURING BOARD

1:40 - 2:30 pm	Dr. Bruce Tromberg (Head, NIBIB of NIH) Bioengineering for COVID-19: Rapid Acceleration of Diagnostics (RADx) at Unprecedented Speed and Scale
2:30 - 2:45 pm	Break
2:45 – 3:45 pm	General Discussion and Future Planning
3:45 pm	Adjourn