



SCHOOL of ENGINEERING
& APPLIED SCIENCE
SCHOOL of MEDICINE
Center for Advanced Biomanufacturing



University of Virginia Advanced Biomanufacturing Symposium

Monday, November 6, 2017
Newcomb Hall Ballroom

8:15-8:30 Registration Check-In

8:30-8:45 Opening Remarks:

Kristy Pottol, Ph.D. (USAMMDA), Melur Ramasubramanian, Ph.D. (UVA Vice President for Research), Craig Benson, Ph.D. (Dean, UVA School of Engineering and Applied Science), Jeffrey Keller, (Chief Innovation Officer, UVA School of Medicine), George Christ, Ph.D. (UVA Dept. of Biomedical Engineering and Dept. of Orthopedics), Shayn Peirce-Cottler, Ph.D. (UVA Dept. of Biomedical Engineering)

8:45-9:15 **Mike Yaszemski, M.D., Ph.D., Mayo Clinic:** “Biofabrication and Clinical Translation of Regenerative Medicine Products”

9:15-9:45 **Bob Guldberg, Ph.D., Georgia Tech:** “NSF Engineering Research Center for Cell Manufacturing Technologies (CMA^T)”

9:45-10:15 **Rosemarie Hunziker, Ph.D., NIH, NIBIB:** “Making Stuff Up: Scaling-Up and Scaling-Out for Cell-Based Therapies and the Role of NIH”

Coffee Break 10:15-10:30

10:30-11:00 **Tom Bollenbach, Ph.D., ARMI:** “ARMI Network & Technology Development”

11:00-11:30 **Richard McFarland, M.D., Ph.D., ARMI:** “Regulatory Considerations for Biofabrication”

Lunch Break 11:30-1:00

11:45-12:15 ARMI Break-out Lunch for Potential Partners; Main Room Lunch Discussions

12:15-1:00 Poster Session

1:00-1:30 **Phil Bourne, Ph.D., UVA:** “Big data and data science at UVA: Implications and Applications for Biomanufacturing”

1:30-2:00 **Silvia Blemker, Ph.D., UVA:** “Modeling & Imaging for Regenerative Therapy”

Coffee Break 2:00-2:15

- 2:15-2:35** **Industry Panel 1: Cell and Tissue Manufacturing**
Chair: Sharon Presnell, Ph.D., Chief Scientific Officer, Organovo & President, Samsara
 Panelists: RoosterBio (Priya Baraniak, Ph.D., Director, Business Development and Strategic Marketing), Propagenix (Brian Pollok, Ph.D., President and CEO), Cooke Biotech (Michael Hiles, Ph.D., Vice President)
- 2:35-3:10** **Industry Panel 2: Biomaterials Manufacturing**
Chair: Luke Burnett, CSO, Keranetics
 Panelists: Luna Innovations (Chris Tison, Ph.D., Principal Scientist, Team Lead, Biomedical Technologies), LifeNet (Xiaofei Qin, M.D., Ph.D., Principal Scientist and Alex Huber, Ph.D., Principal Scientist), Smithfield (Courtney Stanton, Vice President, Bioscience & Renewable Bioproducts, Embody LLC (Michael Francis, Ph.D., CSO)
- 3:10-3:35** **Clinician Panel: Biomanufacturing for WHICH clinical applications?**
Chair: Karen Johnston, M.D., Director of the UVA Translational Health Research Institute (THRIV)
 Panelists: Jim Daniero, M.D. (UVA Dept. of Otolaryngology), David Weiss, M.D. (UVA Dept. of Orthopaedics) and Joe Park, M.D. (UVA Dept. of Orthopaedics), Ken Brayman, M.D., Ph.D. (UVA Dept. of Surgery), Chris Campbell, M.D. (UVA Dept. of Plastic Surgery), Gorav Ailawadi, M.D. (UVA Dept. of Surgery)
- 3:35-4:00** **Closing Remarks and Transition to Colonnade Club on the Lawn**

Reception in the UVA Colonnade Club on the Lawn: 4:15-6:30 pm
ARMI Membership Briefing: Gray Chynoweth, Chief Membership Officer - ARMI | BioFabUSA

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