4th Annual Mid-Atlantic Advanced Biomanufacturing Symposium

Location: Darden School of Business, 100 Darden Blvd., Charlottesville, VA
Parking provided in Darden Parking Garage both days

SUMMARY

Sunday, October 27, 2019 [half-day session], 12:00 pm to 5:15 pm
Session I: Marketing Considerations of Biomanufactured Products
Session II: Biomaterials for Clinical Applications: Is it a Device or a Biologic?

Monday, October 28, 2019 [full-day session], 7:30 a.m. to 7:30 p.m.
Session I: Scope and Breadth of the Advanced Biomanufacturing Ecosystem
Session II: Standards for Cell Manufacturing for Clinical and Research Applications
Session III: Modified Human Products and Extracellular Matrices: Decellularized and Semi-synthetic
Session IV: Biofabrication Business Bootcamp

______________________________

Sunday, October 27, 2019 [half-day session] Clinical emphasis
12:00 – 1:00 p.m. Registration in Abbott Auditorium Lobby
1:00 – 2:00 p.m. Keynote: Peter Johnson, MD
               MedSurgPI

Session I: Marketing Considerations of Biomanufactured Products
Session Chairs: Tom Gilbert, PhD (Miromatrix) and Jennifer Braswell, PhD, CAO (ARMI)
Speakers:
2:00 – 2:15 p.m. Jim McGorry, MBA
                 Biostage
2:15 – 2:30 p.m. Rob Bancroft, MBA
                 Strategy Consultant, Healogics
2:30 – 2:45 p.m. Scott Bruder, MD, PhD
                 Bruder Consulting & Venture Group
2:45 – 3:00 p.m.  Sharon Presnell, PhD
Amnion Foundation

3:00 – 3:15 p.m.  Discussion

3:15 – 3:30 p.m.  COFFEE BREAK

Session II: Biomaterials for clinical applications: Is it a device or a biologic?
Session Chairs: Barbara Boyan, PhD (Virginia Commonwealth University) and Luke Burnett, PhD (Keranetics)

Speakers:
3:30 – 3:45 p.m.  Introduction - Richard McFarland, MD
Advanced Regenerative Manufacturing Institute

3:45 – 4:00 p.m.  Barbara Boyan, PhD
Virginia Commonwealth University

4:00 – 4:15 p.m.  Glenn Prestwich, PhD
University of Utah

4:15 – 4:30 p.m.  David Williams, PhD
Wake Forest School of Medicine

4:30 – 4:45 p.m.  Sherry Lard-Whiteford, PhD
FDA, Center for Biologics Evaluation and Research

4:45 – 5:15 p.m.  Discussion

Sponsored Speakers dinner; attendees on their own

Monday, October 28, 2019 [full-day session]

7:15 – 8:00 a.m.  Registration and light breakfast Abbott Auditorium lobby

8:00 – 8:15 a.m.  Introductions

- George Christ, PhD, University of Virginia
  Professor - Biomedical Engineering & Orthopaedic Surgery, Mary Muilenburg Stamp Professor of Orthopaedic Research
- Shayn Peirce-Cottler, PhD, University of Virginia
  Professor, Biomedical Engineering, Plastic Surgery, and Ophthalmology, Pinn Scholar
- Melur K. (Ram) Ramasubramanian, PhD, University of Virginia
  Vice President for Research, Professor - Mechanical & Aerospace Engineering
- Pam Norris, PhD, University of Virginia
  Executive Dean, School of Engineering and Applied Science

Session I: Scope of the Advanced Biomanufacturing Ecosystem (education and workforce development)
Session Chairs: Shayn Peirce-Cottler, PhD (UVA) and Russ Read (ForsythTech)

Speakers:
8:15 – 8:25 a.m.  Mary Stewart, PhD
Advanced Regenerative Manufacturing Institute

8:25 – 8:35 a.m.  John Balchunas, MS
8:35 – 8:45 a.m.  
Tom Tubon, PhD  
Madison Area Technical College

8:45 – 8:55 a.m.  
Russ Read, MA  
ForsythTech

8:55 – 9:05 a.m.  
Amy White, MS  
Virginia Western Community College

9:05 – 9:15 a.m.  
John Newby, JD  
Virginia Bio

9:15 – 9:45 a.m.  
Discussion

9:45 – 10:00 a.m.  Coffee Break

Session II: Standards for Cell Manufacturing for Diverse Clinical Applications and Research  
Session Chairs: John Getz (RoosterBio) and Becky Robinson-Zeigler, PhD (ARMI)

Speakers:

10:00 – 10:15 a.m.  
Johnna Temenoff, PhD  
Georgia Tech

10:15 – 10:30 a.m.  
Patrick Hanley, PhD  
George Washington University

10:30 – 10:45 a.m.  
Brian Hawkins, PhD  
Plurisytx

10:45 – 11:00 a.m.  
Kelly Sauerwein, PhD  
Standards Coordinating Body

11:00 – 11:15 a.m.  
John Duguid, PhD  
Vericel

11:15 – 11:30 a.m.  Discussion

11:30 – 12:30  
Poster Session with student competition – Abbott Auditorium hallway  
Chair: Blake Johnson, PhD  
Assistant Professor, Grado Department of Industrial and Systems Engineering,  
Virginia Tech

Please have posters up by 10:00 a.m. on Monday

12:30 – 1:30 p.m.  Lunch in Abbott Dining Room

Session III: Modified Human Products and Extracellular Matrices (decellularized and semi-synthetic)  
Session Chairs: Sharon Presnell, PhD (UVA) and Richard McFarland, MD (ARMI)

Speakers:

1:45 – 2:05 p.m.  
Lisa Larkin, PhD  
University of Michigan

2:05 – 2:25 p.m.  
Reggie Stilwell, CTBS
AlloSource
2:25 – 2:45 p.m. Tom Gilbert, PhD
Miromatrix
2:45– 3:05 p.m. George Christ, PhD
University of Virginia
3:05 – 3:30 p.m. Discussion
3:30 – 3:45 p.m. Coffee Break

Session IV: Biofabrication Business Bootcamp
Session Chair: Rob Gourdie, PhD (Virginia Tech)

Speakers:
3:45 – 3:50 p.m. Introduction - Rob Gourdie, PhD
Virginia Tech
3:50 – 4:10 p.m. Michael Straightiff, MBA
UVA Licensing & Ventures Group
4:10 – 4:30 p.m. Michael Francis, PhD
Embody
4:30 – 4:50 p.m. Brian Wamhoff, PhD
Hemoshear
4:50 – 5:10 p.m. Elaine Horn-Ranney, PhD
Tympanogen
5:10 – 5:30 p.m. Sunil Saini, PhD
Integra
5:30 – 5:45 p.m. Discussion & Conclusions: George Christ, PhD
6:00 – 7:30 p.m. Social – Abbott Auditorium Lobby