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], 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 Rosenblum Foyer
1:00 – 2:00 p.m. Keynote: Peter Johnson, MD
MedSurgPI

Session I: Marketing Considerations of Biomanufactured Products
Session Chairs: Tom Gilbert, PhD (Miramatrix) and Jennifer Braswell, PhD, CAO (ARMI)
Speakers:
2:00 – 2:20 p.m. Jim McGorry, MBA
Biostage
2:20 – 2:40 p.m. Rob Bancroft, MBA
Strategy Consultant, Heallogics
2:40 – 3:00 p.m. Scott Bruder, MD, PhD
Bruder Consulting & Venture Group
3:00 – 3:20 p.m. Sharon Presnell, PhD
Amnion Foundation

3:20 – 3:30 p.m. Discussion

3:30 – 3:45 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:
3:15 – 3:20 p.m. Introduction - Richard McFarland, MD and Sharon Presnell, PhD
Advanced Regenerative Manufacturing Institute and Amnion Foundation, respectively

3:20 – 3:40 p.m. Barbara Boyan, PhD
Virginia Commonwealth University

3:40 – 4:00 p.m. Glenn Prestwich, PhD
University of Utah

4:00 – 4:20 p.m. David Williams, PhD
Wake Forest School of Medicine

4:20 – 4:40 p.m. Sherry Lard, PhD
FDA, Center for Biologics Evaluation and Research

4:40 – 5:15 p.m. Discussion
Sponsored Speakers dinner; attendees on their own

Monday, October 28, 2019 [full day session]
7:30 – 8:00 a.m. Registration 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 (how workforce dev fits in to ecosystem needs; how education and funding fits in)
Session Chairs: Shayn Peirce-Cottler, PhD (UVA) & 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
National Institute for Innovation in Manufacturing Biopharmaceuticals

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 – 9:5 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 p.m. John Duguid, PhD
Vericel

11:15 – 11:30 p.m. Discussion

11:30 – 12:30 Poster Session with student competition – Abbott Auditorium hallway
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: George Christ, 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
2:25 – 2:45 p.m.  
Tom Gilbert, PhD  
Allosource

2:45 – 3:05 p.m.  
George Christ, 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