

Poster Session Presenters

Cell-Instructive Biomaterials	Biomaterials for Drug and Gene Delivery	Fabrication Techniques of Biomaterials	Materials Characterization and Mechanics
Pamela Hitscherich Brian Cho Adam Mitchell Leyla Cavdar Fady Gendy Valerie Heredia Christopher Mosher Wei Chang Roseline Menezes Shin-Jae Lee Anya Singh-Varma	Shiyu Xia Jumana Alhamdi Yeh-Hsing Lao Varun Khandavalli Denise Robles	Gabriel Kaye Gregory Kurgansky Jamie Benson Shoumyo Majumdar Efosa Amadasu Mohammad Molla Jacob Weber Martin Pendola Srinivas Mushnoori	Stephan Smith Sean O'Neill Madison Cox Rosen Jeong Ji Won Kang Huizi Lin Eben Estell Robert Stefani Ateka Khader

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20  17

Mid-Atlantic Biomaterials Day

**Biomaterial Frontiers:
Emerging Challenges
Creating New Opportunities**

The City College of New York
New York, NY



Hosted by:



2017 MABD Agenda

Registration and Breakfast

8:30am – 9:00am

Opening Remarks

9:00am – 9:15am

The Mid Atlantic Biomaterials Day Planning Committee

Keynote Address

9:15am – 10:00am

Dr. Liisa Kuhn, University of Connecticut and SFB President

Tips from a 20 year quest for the perfect calcium phosphate-based drug delivery system

Plenary Session 1: Cell-Instructive Biomaterials

- 10:00am – 10:30am Dr. Prabhas Moghe, Rutgers University
Nanomaterials as Therapeutics: What's good for the heart is good for the brain
- 10:30am – 10:35am Pamela Hitscherich, NJIT
- 10:35am – 10:40am Brian Cho, Johns Hopkins University
- 10:40am – 10:45am Christopher Mosher, Columbia University

Break

10:45am – 11:00am

Plenary Session 2: Biomaterials for Drug and Gene Delivery

- 11:00am – 11:30am Dr. Danielle Benoit, University of Rochester
Localized and Sustained Delivery of siRNA from Hydrogels Expedites Fracture Healing
- 11:30am – 11:35am Jumana Alhamdi, University of Connecticut
- 11:35am – 11:40am Yeh-Hsing Lao, Columbia University
- 11:40am – 11:45am Gittel Gold, City College of New York

Lunch and Networking Opportunities

11:45am – 1:00pm

Plenary Session 3: Fabrication Techniques of Biomaterials

- 1:00pm – 1:30pm Dr. Murat Guvendiren, NJIT
Applications of 3D Printing in Medicine
- 1:30pm – 1:35pm Mohammad Molla, CCNY
- 1:35pm – 1:40pm Jamie Benson, CCNY
- 1:40pm – 1:45pm Shoumyo Majumdar, Johns Hopkins University

Plenary Session 4: Materials Characterization and Mechanics

- 1:45pm – 2:15pm Dr. Timmie Topoleski, UMBC
Biomaterials and the Human Context: Flight of the Eaglets, or "Muß es sein?"
- 2:15pm – 2:20pm Huizi Lin, CCNY
- 2:20pm – 2:25pm Ateka Khader, NJIT

Poster Session

2:30pm – 3:30pm

Includes Coffee and Snacks

Career Talks from the Government Sector

- 3:30pm – 3:55pm Dr. Kimberly Ferlin, FDA
Opportunities for Recent Graduates at the Food and Drug Administration
- 3:55pm – 4:20pm Dr. Charlie Drinnan, NIH
Development of Retinal Organoids for Disease Modelling and Therapies

Career Talks from Industry Sector

- 4:25pm – 4:50pm Dr. Ben Hwang, CEO of Profusa, Inc.
From Professional Sports to Medical Devices - There is a Big World After Grad School
- 4:50pm – 5:15pm Dr. Anthony Tuesca, MedImmune
Biomaterials in Biopharm: Applications in Drug Delivery

Career Panel Discussion

- 5:20pm – 5:50pm
- Dr. Kimberly Ferlin, FDA
- Dr. Charlie Drinnan, NIH
- Dr. Ben Hwang, Profusa, Inc.
- Dr. Anthony Tuesca, MedImmune
- Dr. Liisa Kuhn, University of Connecticut

Closing Remarks and Presentation Awards

5:50pm – 6:00pm

***NOTE: SEE ALL ABSTRACTS FOR POSTERS AND TALKS ONLINE AT
WWW.MIDATLANTIC-BIOMATERIALSDAY2017.ORG***