Poster Session Presenters Cell-Instructive Biomaterials for Fabrication

Pamela Hitscherich Brian Cho Adam Mitchell Leyla Cavdar Fady Gendy Valerie Heredia Christopher Mosher Wei Chang Roseline Menezes Shin-Jae Lee

Anya Singh-Varma

Biomaterials

Biomaterials for Drug and Gene Delivery

Shiyu Xia Jumana Alhamdi Yeh-Hsing Lao Varun Khandavalli Denise Robles

Fabrication Techniques of Biomaterials

Gabriel Kaye
Gregory Kurgansky
Jamie Benson
Shoumyo Majumdar
Efosa Amadasu
Mohammad Molla
Jacob Weber
Martin Pendola
Sriniyas Mushnoori

Materials Characterization and Mechanics

Stephan Smith Sean O'Neill Madison Cox Rosen Jeong Ji Won Kang Huizi Lin Eben Estell Robert Stefani Ateka Khader

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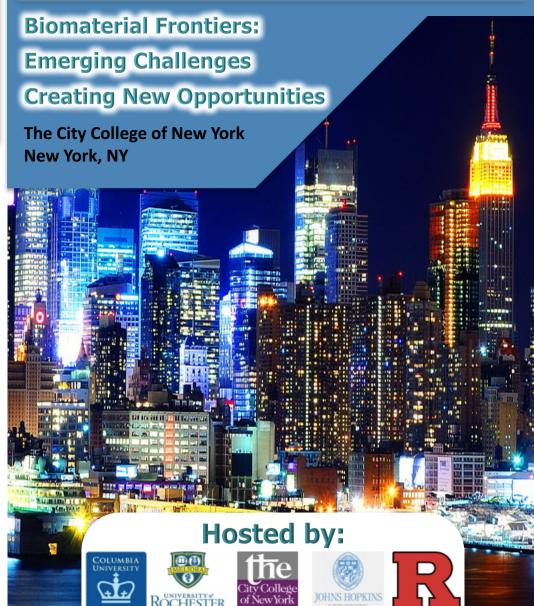




CCNY Chemical Engineering Graduate Council









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

<u>Dr. Liisa Kuhn, University of Connecticut and SFB President</u>

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 Univeristy

Plenary Session 4: Materials Characterization and Mechanics

1:45pm – 2:15pm <u>Dr. Timmie Topoleski, UMBC</u>

Biomaterials and the Human Context: Flight

of the Eaglets, or "Muβ 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 <u>Dr. Kimberly Ferlin, FDA</u>

Opportunities for Recent Graduates at the

Food and Drug Administration

3:55pm – 4:20pm <u>Dr. Charlie Drinnan, NIH</u>

Development of Retinal Organoids for Disease Modelling and Therapies

Career Talks from Industry Sector

4:25pm – 4:50pm <u>Dr. Ben Hwang, CEO of Profusa, Inc.</u>

From Professional Sports to Medical Devices - There is a Big World After Grad

School

4:50pm – 5:15pm <u>Dr. Anthony Tuesca, Medlmmune</u>

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