

## REVISED SCHEDULE SUMMARY

### Friday July 25

### Raytheon Amphitheater, 240 Egan Research Center<sup>1</sup>

12:00 – 6:00 PM

Registration/Conference Check-in

12:45 – 1:00 PM

Welcoming Remarks, Thomas J. Webster

1:00 – 2:00 PM

**Plenary Talk:** Next Step in Drug Delivery: Getting Inside Cells and to Individual Organelles

*Vladimir Torchilin, Northeastern University, USA*

2:00 – 2:30 PM

Microfluidic Assisted One-Step Fabrication of Porous Silicon/Acetalated Dextran Nanocomposites for Precisely Controlled Combination Chemotherapy

*Hélder Santos, University of Helsinki, FINLAND*

2:30 – 3:00 PM

Nanofibrous Bacterial Cellulose Scaffold for Regenerative Medicine Applications

*Pelagie Favi, Northeastern University, USA*

3:00 – 3:30 PM

Break

3:30 – 4:30 PM

**Plenary Talk:** Nanoplatfoms for Precision Medicine

*Sri Sridhar, Northeastern, USA*

4:30 – 5:00 PM

Magnetophoretic Circuits for Digital Control of Individual Cells

*Cheolgi Kim, DaeguGyeongbuk Institute of Science and Technology (DGIST), SOUTH KOREA*

5:00 – 6:00 PM

Opening Reception (Visitors Center at West Village)

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<sup>1</sup> All talks will take place in the Curry Student Center Ballroom unless otherwise noted. Poster sessions will be held in the Curry Student Center McLeod Suites (Curry Student Center building #50 on the campus map at the end of the program).

## **Saturday July 26**

## **Curry Student Center**

- 8:00 – 9:00 AM** Continental Breakfast (Ballroom)/Poster Set-up and Poster Viewing (Groups A & B)
- 9:00 – 10:00 AM** **International Journal of Nanomedicine Editor Talk:**  
Fighting Infections Using Nanotechnology,  
*Thomas J. Webster, Northeastern University, USA*
- 10:00 – 11:00 PM** Break and Poster Viewing (Group A)
- 11:00 – 11:30 AM** Nanoscaffold Coatings for Modification of Canonical WNT Signaling to Efficiently Differentiate BMSC into Cardiomyocytes  
*Edward Marks, University of Delaware, USA*
- 11:30 – 12:00 PM** Nucleic Acids Meet Nanotechnology - A Tale of Two Approaches  
*Ke Zhang, Northeastern University, USA*
- 12:00 – 12:30 PM** Eye-drops of G-CSF Gene after Cerebral Ischemia Ameliorate Brain Function  
*Philip Liu, Mass General Hospital-Harvard Medical School, USA*
- 12:30 – 1:30 PM** Lunch and Poster Viewing (Poster Group B)
- 1:30 – 2:00 PM** Continue Lunch and Poster Set-up (Group C)
- 2:00 – 2:30 PM** Peptide-Based Designed Biomaterials for Medical Applications through Biomimetic Approach  
*Hilal Yazici, Northeastern University, USA*
- 2:30 – 3:00 PM** Jackin' up MSCs!  
*Jeffrey Karp, Brigham and Women's Hospital, USA*
- 3:00 – 4:00 PM** Break and Poster Viewing (Poster Group C)
- 4:00 – 4:30 PM** Protoporphyrin Ix (PPIX)-Conjugated Self-Lighting Nanoparticles for Photodynamic Therapy: Synthesis And Characterization  
*Homa Homayoni, Northeastern University, USA*
- 4:30 – 5:00 PM** Microfluidic Identification of Novel Biomarkers for Diagnosis and Treatment of Microaneurysms in Diabetic Retinopathy  
*Yaakov (Koby) Nahmias, The Hebrew University of Jerusalem, ISRAEL*
- 5:00 – 6:00 PM** Reception (McLeod Suites)

## Sunday July 27

## Curry Student Center

**8:00 – 9:00 AM**

Continental Breakfast (Ballroom)/Poster Set-up (Group D)

**9:00 – 10:00 AM**

**Plenary Talk:** Nanotechnology in CNS Delivery of Bio  
Therapeutics

*Mansoor Amiji, Northeastern University, USA*

**10:00 – 11:00 PM**

Break and Poster Viewing (Group D)

**11:00 – 11:30 PM**

Plasticizer Support Liposome Dehydration forming Waterless  
Lipid Nano-vesicles for Drug Delivery

*Zhijun Yang, School of Chinese Medicine, Hong Kong Baptist  
University, CHINA*

**11:30 – 12:00 PM**

Discussion: Starting the Global Academy of Nanomedicine

*Thomas J. Webster and Sri Sridhar, Northeastern University, USA*

**12:00 – 12:15 PM**

Conference Closure with Announcement of Poster Awards  
(must be present to win)

