

Center for Targeted Therapeutics and Translational Nanomedicine (CT³N)
CT³N Seminar Series & Symposium
Fall 2015

Unless indicated otherwise, seminars will be held at 12pm in the Smilow Center, SCTR 10-146



September 9, 2015

Integration of nanomedicine and imaging

Willem Mulder, Ph.D.

Associate Professor of Radiology, Mount Sinai School of Medicine
 Professor of Cardiovascular Nanomedicine, AMCDirector, Nanomedicine Program
 Translational and Molecular Imaging Institute
 Mount Sinai School of Medicine

[Website link](#)



October 7, 2015

Exploiting Cholesterol Domains for Gene Delivery

Thomas Anchordoquy, Ph.D.

Professor of Pharmaceutical Sciences, University of Colorado

[Website link](#)



October 14, 2015

The Chance's Lecture of the Department of
 Chemical and Biomolecular Engineering, SEAS



Innovative Systems for Effective Delivery of Therapeutics

Samir Mitragotri, Ph.D.

Professor of Engineering, University of California Santa Barbara
 NOTE SPECIAL LOCATION: 3:00pm in Wu and Chen Auditorium.

Contact info: Charlotte Merrick, cmerrick@seas.upenn.edu

[Website link](#)



November 18, 2015

4th Annual CT³N Symposium

The Arthur H. Rubenstein Auditorium

Keynote Speakers:

Polymer Nanoparticles for Drug Delivery, Gene Editing, and Cell Targeting

Mark Saltzman, Ph.D.

Goizueta Foundation Professor of Chemical and Biomedical Engineering, Yale University

[Website link](#)



Nanodiamonds: From Explosives to Nanotechnology and Nanomedicine

Yury Gogotsi, Ph.D., D.Sc., Dr.H.C.

Distinguished University Professor and Trustee Chair,
 Director, A.J. Drexel Nanomaterials Institute, Drexel University

[Website link](#)



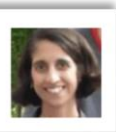
December 2, 2015

Nanomedicine for T cell imaging and immunotherapy

Moonsoo M. Jin, Ph.D.,

Associate Professor of Radiology, Weill Cornell Medical College, NYC

[Website link](#)



December 16, 2016

Tuning Surface Architecture for Therapeutic Delivery

Tejal Desai, Ph.D.,

Professor of Bioengineering and Therapeutic Sciences, UCSF

[Website link](#)



Center for Targeted Therapeutics and Translational Nanomedicine (CT³N)
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Spring 2016

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January 13, 2016

“Multifunctional Nanomedicines for Overcoming Multiscale Barriers to Oligonucleotide Delivery”

Charles M. Roth, Ph.D.

Professor & Graduate Director, Dept. of Chemical & Biochemical Engineering
Rutgers University

January 28, 2016

Anesthesiology Seminar Series
12pm @ 5 Dulles, Dripps Library

“Probing Cellular-Particle Interactions in Human Versus Animal Blood Flows: Implications for the Design of Vascular-Targeted Drug Carriers”

Omolola Eniola-Adefeso, Ph.D.

Associate Professor of Chemical Engineering and
Director of Cell Adhesion & Drug Delivery Lab
University of Michigan

February 3, 2016

“Potent Antibody-Based Conjugates for Cancer Therapy: From Early Stage Research to a Clinically Approved Drug”

Peter Senter, Ph.D.

Vice President, Chemistry, and Senior Distinguished Fellow
Seattle Genetics

February 17, 2016

Pulmonary Research Conference Series

“Targeted Carriers for Pulmonary Drug Delivery”

Fakhrul Ahsan, Ph.D.

Associate Professor, Dept. of Pharmaceutical Sciences
Texas Tech University

March 2, 2016

“Super-Resolution 3D Molecular Tracking Microscopes and Silver Cluster-Based Biosensors”

Tim Yeh (Hsin-Chih-Yeh), Ph.D.

Assistant Professor of Biomedical Engineering
University of Texas at Austin

March 10, 2016

Bioengineering Seminar Series
12pm @ 337, Towne Building

“Heart Valve Tissue Engineering: A Tale of Scaffolds, Cells, and Stimuli”

Dan Simionescu, Ph.D.

Associate Professor of Bioengineering
Clemson University

April 1, 2016

Engineering & CT3N Seminar Series

9am @ 321, Towne Building

“Targeting HuR for Cancer Therapy”

Rajagopal Ramesh, Ph.D.

Professor of Pathology, Jim and Christy Everest Endowed Chair in Cancer Development Therapeutics, and Director Experimental Therapeutics and Translational Cancer Medicine,
University of Oklahoma

April 6, 2016

“Engineered Antibodies for in Vivo Targeting and Imaging of Tumor and Immune Cells”

Anna Wu, Ph.D.

Professor of Molecular & Medical Pharmacology and
Director of JCCC Cancer Molecular Imaging
University of California, Los Angeles

April 25, 2016

3pm @ 8-146, Smilow Center

“Messenger RNA as a Novel Therapeutic Approach”

Matthew Stanton, Ph.D.

Vice President of Chemistry
Moderna Therapeutics

May 4, 2016

“Nucleoside-Modified mRNA-Lipid Nanoparticle Therapeutic Protein Delivery Platform”

Drew Weissman, M.D., Ph.D.

Professor of Medicine, Attending Physician, and Co-Director of the Penn Center for AIDS Research, Immunology Core
University of Pennsylvania

June 15, 2016

“Advancing Delivery of Agents for Targeted Interventions in Vascular and Immune Functions”

Edward A. Botchwey, Ph.D.

Associate Professor of Biomedical Engineering and Director of the Laboratory for Immuno-Regenerative Engineering
Georgia Institute of Technology