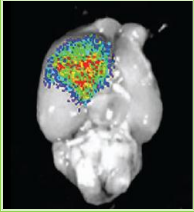




CEDARS-SINAI®

**DEPARTMENT OF NEUROSURGERY
and**

SAMUEL OSCHIN COMPREHENSIVE CANCER INSTITUTE



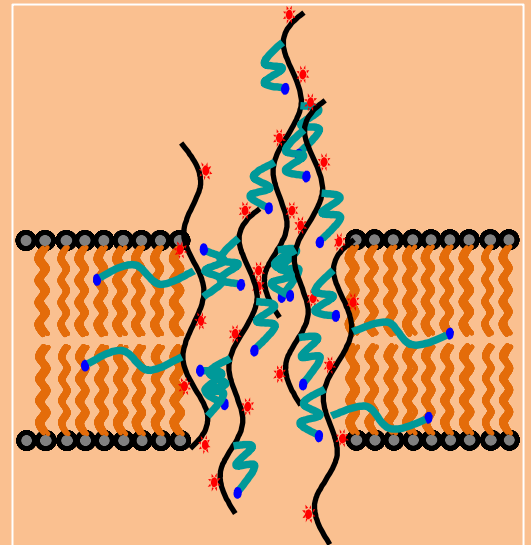
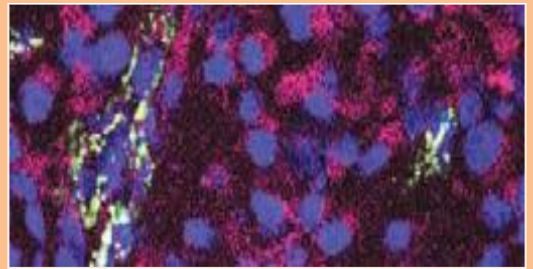
2nd Nanomedicine for Imaging and Treatment Conference

**A Research Conference
for Scientific and
Healthcare
Professionals**

CALL FOR ABSTRACTS
**Last day for abstract
submissions is**
February 1, 2013

March 15-16, 2013

**Cedars-Sinai Medical Center
Harvey Morse Auditorium
Plaza Level, South Tower
8700 Beverly Boulevard
Los Angeles, CA 90048**



**For more information,
please call the
Department of
Neurosurgery at
310.423.9522.**

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Co-Director, Johnnie L. Cochran Brain Tumor Center
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KEYNOTE SPEAKER

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Nobel Laureate 2008

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Piscataway, NJ

Maurizio Vecchione. Ph.D.

CEO
Arrogene Nanotechnology, Inc.
Pacific Palisades, CA

AGENDA

Friday, March 15, 2013: Imaging and Drug Delivery

8:00am	Registration and Continental Breakfast	
8:45am 8:55am	Welcome and Introduction	Shlomo Melmed, MD Julia Y. Ljubimova, MD, PhD Cedars-Sinai Medical Center
	MORNING SESSION: New Horizons in Nanomedicine	Chair: Eggehard Holler, PhD Cedars-Sinai Medical Center
9:00am	Multi-Stage siRNA Therapeutics Vectors and Transport Oncophysics	Mauro Ferrari, PhD The Methodist Hospital
9:45am	Iron Oxide Nanoparticles: Clinical Significance	Edward Neuwelt, MD Oregon Health Sciences University
10:15am	Nanoscale Electrostatic Delivery Systems: From Layered Nanoparticles to RNAi MicroSponges	Paula Hammond, PhD MIT
10:45am	BREAK	
11:00am	Design and Biorecognition of Water-Soluble Macromolecular Therapeutics	Jindrich H. Kopecek, PhD, DSc University of Utah
11:30am	Multivalent Hyperbranched Polymeric Nanoparticles as Self- Reporting Drug Delivery Vehicles	Manuel Perez, PhD University of Central Florida
12:00pm	LUNCH and POSTER SESSION	
	AFTERNOON SESSION: Imaging and Nanomedicine	Chair: Keith L. Black, MD Cedars-Sinai Medical Center
1:00pm	KEYNOTE SPEAKER New Molecules to Image Neuronal Function and Disease Processes	Roger Tsien, PhD UC San Diego
2:00pm	A Window into the Alzheimer's Brain	Brian Bacskai, PhD Massachusetts General Hospital
2:30pm	Direct Brain MR-Guided Delivery of Nanoparticles in Neuro- Oncology and Neurodegenerative Disorders: Non-Clinical and Clinical Experience	Krystof Bankiewicz, MD, PhD UC San Francisco
3:00pm	BREAK	
3:15pm	MRI of Cancer Using Targeted Contrast Agents	Debiao Li, PhD Cedars-Sinai Medical Center
3:45pm	Mapping the Human Vasculature by <i>In Vivo</i> Phage Display: Towards Ligand-Directed Therapies in Cancer and Obesity	Renata Pasqualini, PhD MD Anderson Cancer Center
4:15pm	Ligand-Directed Targeting and Molecular Imaging in Translational Medicine	Wadih Arap, PhD MD Anderson Cancer Center
4:45pm	PANEL DISCUSSION: Multidisciplinary Research in Oncology-Path to Innovation and Technology Translation	Chair: Piotr Grodzinski, PhD Dorothy Farrell, PhD National Cancer Institute
5:15pm	ADJOURN	Judging and Awards

AGENDA

Saturday, March 16, 2013: Nano-Treatment

8:30am	Registration and Continental Breakfast	
8:55am	Welcome	Julia Y. Ljubimova, MD, PhD Cedars-Sinai Medical Center
	MORNING SESSION: Treatments in Nanomedicine Part I	Chair: Steven Piantadosi, MD, PhD Cedars-Sinai Medical Center
9:00am	Nanotechnology for Medicine	Anrde Nel, MB, ChB, Ph UCLA
9:30am	Harnessing the Combined Powers of Antibody-Fusion Proteins and Nanopolymers for Cancer Therapy	Manuel L. Penichet, MD, PhD UCLA
10:15am	Nanomedicine for Targeted Drug Delivery to Epithelial Barriers of Intestines, Skin and Lung	Claus-Michael Lehr, PhD Saarland University
10:45am	BREAK	
11:00am	TBN	
11:30am	Bringing Nanomedicines to Cell Organelles	Vladimir P. Torchilin, PhD, DSc Northwestern University
12:00pm	LUNCH	
	AFTERNOON SESSION: Treatments in Nanomedicine Part II	Chair: Robert Figlin, MD, FACP Cedars-Sinai Medical Center
1:00pm	Supramolecular Nanomedicines for Targeted Cancer Therapy	Kazunori Kataoka, PhD The University of Tokyo
1:30pm	Nanotechnology Strategies to Overcome Multidrug Resistance	Tamara Minko, PhD Rutgers
2:00pm	Protein-Based Nanoparticles Target Tumors and Drug Resistance	Lali Medina-Kauwe, PhD Cedars-Sinai Medical Center
2:30pm	BREAK	
2:45pm	Nanobiomaterials: Advances, Safety and Security	Stanley Satz, PhD BioNucleonics
3:15pm	Translating Nanomedical Research into Nanomedical Applications	Gabriel Lopez-Berestein, MD MD Anderson Cancer Center
3:45pm	INDUSTRY AND LEGAL AFFAIRS PANEL	Chair: Maurizio Vecchione CEO, Arrogene Nanotechnology
4:30pm	ADJOURN	

COURSE DESCRIPTION

This two-day conference is aimed at bringing together a multi-disciplinary group of nationally and internationally renowned academic researchers, clinicians, NIH and private industry for a compelling discussion on identified issues and emerging aspects in the field of nanomedicine.

The conference will emphasize:

- Recent Achievements in Drug delivery
- Nanomedicine and Imaging
- Role of NIH in Nanodrug Development
- Latest Preclinical and Clinical Advances in the Treatment of Cancer, Neurodegenerative Disorders, and other Pathological Conditions.

Conference attendees will have an opportunity to engage in interactive discussions with the faculty during various segments of the conference.


REGISTRATION INFORMATION

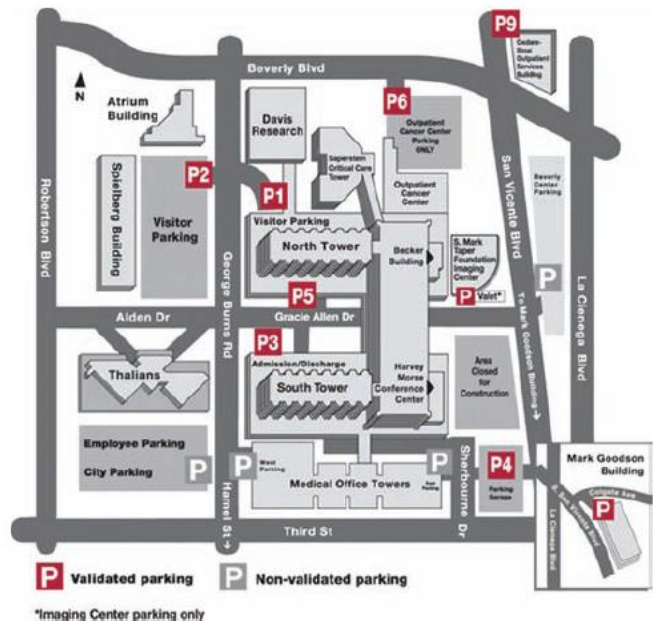
Pre-registration for the conference is required.

This conference is provided to scientific and healthcare professionals at no charge, and includes lunch and parking. Space is limited.

To register, please call (310) 423-9522 or go to <http://nanomedtech.org>

We encourage participation by all individuals.

 If you have a disability, advance notification of any special needs will help us better serve you.



Hotel Accommodations: A limited number of rooms have been reserved for our meeting attendees at the special group rate of \$239. For reservations, please call the Sofitel Hotel at 310.278.5444. Please inform them that you are attending the Cedars-Sinai Nanomedicine Conference.



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