

NanoDDS'13 Schedule

Fri., Oct. 25

7:30 AM	Check-in and breakfast	Collect badge and program Set up posters or load presentations (AM talks)
8:00 AM	Opening	Dean, UCSD Skaggs School of Pharmacy Hausmann String Quartet
8:45 AM	Bioinspired systems	chair: Andrew MacKay Dan Anderson Combinatorial development of biomaterials and synthetic siRNA delivery systems Marc Gauthier Bio-hybrid materials in drug delivery Phil Messersmith Biomimetic surface chemistries for nanomedicine
10:30 AM	Break	Posters
11:00 AM	Target-mediated delivery	chair: Serguei Vinogradov Erkki Ruoslahti Homing peptide-guided nanosystems in experimental cancer therapy Renata Pasqualini & Wadih Arap Ligand-directed vascular targeting in translational medicine
12:15 PM	Lunch	PM presenters load presentations
1:15 PM	Commercialization panel	Ruprecht von Buttlar, San Diego CONNECT Patrick Fortune, Cleveland Clinic Innovations Nathalie Gosset, Alfred Mann Institute, USC Anand Subramony, Novartis
2:25 PM	Crossing biological barriers	chair: Arash Hatefi Justin Hanes Nanomedicine for ocular neovascular diseases Pat Stayton Opening the intracellular space to biologic drugs
3:30 PM	Break	posters
4:10 PM	Keynote	Troy Wilson From Bugs to Drugs: Lessons in Translating Scientific Innovation from the Bench to the Market
5:20 PM-7:30 PM	Reception	Live music: Brown Sugar Blues

NanoDDS'13 Schedule

Sat., Oct. 26

7:45 AM	Breakfast	Set up posters and load presentations (AM talks)
8:15 AM	New chemistries and structures I	chair: Hamid Ghandehari
		Honggang Cui The development of self-delivering supramolecular nanomedicine
		Heather Maynard Sugar polymers that stabilize protein nanomedicines
		Matthew Tirrell Protein analogous micelles: versatile, modular nanoparticles
		Jennifer Elisseeff Nanostructured materials guiding tissue regeneration
10:15 AM	Break	Posters
10:45 AM	Release strategies	chair: Tyrone Porter
		Jacob Berlin Responsive nanoparticle platforms for targeted drug delivery
		Allan Hoffman A degradable inclusion complex nanogel DDS
		Amit Joshi Image guided photothermal therapy of cancer with plasmonic nanoparticles
12:30 PM	Lunch	PM speakers load presentations
1:30 PM	New chemistries and structures II	Chair: Kazunari Akiyoshi
		Jeffrey Hubbell Nanomaterials and polymer complexes for vaccination and inverse vaccination
		Frank Szoka Exploiting biology and chemistry to alter nanocolloid distribution and trafficking
		Seungpyo Hong Dendritic nanomaterials for enhanced targeting and capturing of tumor cells
3:00 PM	Break	Posters
3:40 PM	Q&A: federal funding	Tom Peterson, NIH Center for Scientific Review
4:10 PM	Best abstracts (5)	chair: Sasha Kabanov
5:20 PM	Break	take down posters
7:00 PM-9:00 PM	Banquet	UCSD Great Hall

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Sun., Oct. 27

7:45 AM	Breakfast	Load presentations	
8:15 AM	Guiding cell behavior	chair: Adah Almutairi	
		Jason Burdick	Engineering nanofibrous hydrogels to control cell behavior
		William Murphy	Bioinspired affinity interactions: toward regulating tissue regeneration
		Sarah Heilshorn	It's all in the delivery - cell transplantation strategies
9:45 AM	Break		
10:00 AM	Release strategies II	chair: Tatiana Bronich	
		David Lynn	Surface-mediated DNA delivery: a multilayered approach
		Yukio Nagasaki	Materials design for redox nanotherapeutics
11:00 AM	Closing statement	NanoDDS'13 chairs: Adah Almutairi and Andrew Mackay	