

NanoDDS'13 poster assignments

Posters will remain on display for the full day; your session assignment refers only to when you should present your poster (either the morning or afternoon break between talks). Please set up your poster before talks begin (7:35-8 am Friday or 7:45 to 8:15 Saturday). Posters will be in the Health Sciences Education Center classrooms 1-3 (opened into one large room). Abstracts will be provided in the printed program.

Author	Title	Day	Poster #	Session
Akiyoshi	Proteoliposomes as genetically programmable nano-delivery systems	Fri	1	am
Alakhova	Pluronic block copolymers are effective against breast cancer stem cells in vivo	Fri	2	pm
Alakhova (2nd)	Doxorubicin release from Doxil® at tumor sites by amphiphilic block copolymer	Fri	3	am
Ali	Silica nanocages for enzyme/prodrug chemotherapy of ovarian cancer	Fri	4	pm
Anselmo	RBC hitchhiking for targeted delivery of nanoparticles to lungs	Fri	5	am
Aydin	Development of cabazitaxel-loaded micelles for advanced prostate cancer therapy	Fri	6	pm
Braun	Etchable plasmonic nanoparticle probes for cell biology	Fri	7	am
Buckway	Combined gold nanorod-mediated hyperthermia and radiotherapy via ⁹⁰ Y-HPMA copolymers	Fri	8	pm
Carling	Visible and NIR light-degradable polymeric nanocarrier for on-demand release	Fri	9	am
Chan	Biodegradable metal-chelating nanogels for MRI, PET, and radiotherapy of tumors	Fri	10	pm
Copp	A biomimetic nanosponge against pore-forming toxins	Fri	11	am
Czupiel	Click conjugated polymeric immuno-nanoparticles for targeted siRNA delivery	Fri	12	pm
de Gracia Lux	Triggered release via controlled degradation of polymeric nanoparticles in response to biologically relevant levels of hydrogen peroxide or light	Fri	13	am
Denis	Vectorization improves anti-tumor effect of HDACi in a mesothelioma mouse model	Fri	14	pm
Eguchi	Novel redox nanoparticles improve fibrosis in NASH mouse model	Fri	15	am
Godula	Nanoscale surrogates of proteoglycans for engineering of the cell-matrix interface	Fri	16	pm
Grover	Myocardial matrix-polyethylene glycol hybrid hydrogels for cardiac tissue engineering	Fri	17	am
Gustafson	Activatable CPPs improve the pharmacokinetic profile of systemically administered ELPs	Fri	18	pm
Hatefi	A low-immunogenic elastin-like polymer (ELP) for nanoparticle shielding	Fri	19	am
He	Near infrared-triggered release from polymer particles using upconverting nanoparticles	Fri	20	pm
He	Poly(2-oxazolines) (POx) as new drug delivery systems	Fri	21	am
Heinrich	Drug delivery system against radiation damage in HDR brachytherapy	Fri	22	pm
Herd	Phagocytic nanoparticle response is phenotypically dependent	Fri	23	am

Hsiue	Nanocarriers based on mixed copolymers for cancer therapy	Fri	24	pm
Hsueh	Intracellular trafficking and transcytosis of elastin-based nanoparticles displaying adenovirus knob domain in lacrimal gland acini	Fri	25	am
Huang	Ferritin-based doxorubicin-loaded nanoparticles to overcome cancer drug resistance	Fri	26	pm
Hubbard	Trans-epithelial transport of PAMAM dendrimers across isolated intestinal tissue	Fri	27	am
Jiang	SOD1 nanozyme co-localizes with thrombi in rat model of stroke	Fri	28	pm
Joshi-Barr	Biodistribution of reactive oxygen species (ROS)-responsive nanoparticles in a model of systemic inflammation	Fri	29	am
Kalashnikova	Ex vivo placental perfusion of folic acid-decorated PLGA-PEG nanoparticles	Fri	30	pm
Karamchand	Intracellular trafficking of hydrogel nanoparticles surface engineered with F3 peptide	Fri	31	am
Kaushal	Development of targeted "smart" particles for silencing breast cancer metastases	Fri	32	pm
Kolhatkar	Molecular architecture of polyspermines influences their interaction with nucleic acids	Fri	33	am
Kuruvilla	Development of targeted, drug-loaded nanoconjugates for hepatic cancer therapy	Fri	34	pm
Liang	Hyaluronic acid-green tea catechin nanogel complexes for intracellular protein delivery	Fri	35	am
Liu	Combinatorial delivery of doxorubicin and paclitaxel via cMLVs enables synergistic antitumor activity	Fri	36	pm
Liu	pH-activatable nanoparticles for tumor-specific drug delivery	Fri	37	am
Lu	Tumor-specific delivery of activatable nanoparticles for metastatic ovarian cancer	Fri	38	pm
Luk	Erythrocyte membrane-cloaked nanoparticles as a biomimetic delivery platform	Fri	39	am
Lux	Metal-chelating crosslinkers for highly stable MRI/PET theranostic nanogels	Fri	40	pm
Mahajan	Effect of inflammation on gene expression of naked DNA formulated with block copolymers	Sat	1	am
Matthaiou	Shikonin-loaded armed nanoparticles for targeted therapy of ovarian cancer	Sat	2	pm
Mellnik	Methods for the rigorous quantification of microheterogeneity in biofluids	Sat	3	am
Morales	Spatiotemporally controlled delivery of biomolecules from hollow gold nanoshells	Sat	4	pm
Nayef	Novel injectable chitosan sponge for delivery of BMP-7 to critical size bone defects	Sat	5	am
Nguyen	Nanoparticles of phosphonate-modified chitosan crosslinked with copper in cancer targeting	Sat	6	pm
Nguyen Huu	Light-responsive nanoparticles as a platform for ocular drug delivery	Sat	7	am
Nishimura	Nano glycostar polymers for new glyco-biomaterials: chemo-enzymatic synthesis of amylose hybrid	Sat	8	pm
Olejniczak	A photodegradable poly(lactide)-based polymer	Sat	9	am
Pallaoro	Rare cancer cell identification on a SERS-microfluidic chip	Sat	10	pm
Pang	A free cysteine prolongs peptide half-life and improves tumor accessibility	Sat	11	am
Park	Cell-derived membrane nanovesicles mediate tumor penetration of compounds	Sat	12	pm

Pastuzska	Thermally responsive intracellular switch	Sat	13	am
Piroyan	Remotely actuated magnetic liposomes for cancer therapy	Sat	14	pm
Poon	Comparing targeting strategies of conjugated ultrasmall gold nanoparticles	Sat	15	am
Porter	Focused ultrasound combined with phase-shift nanoemulsions for localized siRNA delivery	Sat	16	pm
Poursaid	Silk-elastin-like polymers for transarterial chemoembolization	Sat	17	am
Price	Effect of shear on physicochemical properties of silk-elastin-like hydrogels	Sat	18	pm
Qin	Doxorubicin-loaded hydrogel nanoparticles with peptide targeting for tumor therapy	Sat	19	am
Rata-Aguilar	Formation and stability of programmed biodegradable polyplexes	Sat	20	pm
Reineke	Pharmacokinetics of polymeric nanoparticles: distribution, degradation, and release	Sat	21	am
Robinson	Comparative study of gold nanorods and nanocages for targeted delivery	Sat	22	pm
Seo	Physicochemical aspects of amphiphilic poly (2-oxazoline) micellar taxane formulations	Sat	23	am
She	Micelle formulation improves anti-coagulation efficacy of bivalirudin	Sat	24	pm
Sheng	Selective NIR-induced heating of confined water in polymeric particles for triggered release	Sat	25	am
Shi	RGD-mediated tumor-targeted rapamycin delivery using protein polymer nanocarriers	Sat	26	pm
Stephanopoulos	Supramolecular biomaterials for regenerative medicine and drug delivery	Sat	27	am
Sternberg	From nano to micro: characterization of delivery systems for theranostics by FF-TEM	Sat	28	pm
Sung	Characterization of nanoparticle delivery systems using TEM	Sat	29	am
Tandel	Intranasal neuroprotective drug delivery vehicle	Sat	30	pm
Viger	Activatable MRI contrast agents: controlling the availability of water with polymeric particles	Sat	31	am
Vishwasrao	Poly(amino acid)-stabilized magnetic nanoclusters as theranostic systems	Sat	32	pm
Wan	Anticancer activity of poly(2-oxazoline) micellar formulation of paclitaxel	Sat	33	am
Wang	Bridge ocular therapeutics and contact lenses via thermo-responsive protein polymers	Sat	34	pm
Warren	Efficient nanogel-NRTI cocktails against HIV infection	Sat	35	am
Xu	Biodegradable nanoparticles for prevention of corneal allograft rejection in rats	Sat	36	pm
Yi	Developing pluronic-based system for nasal leptin delivery to the brain	Sat	37	am
Yuan	Analytic characterization of leptin-Pluronic P85 conjugate, a potential anti-obesity drug	Sat	38	pm
Zhang	PEG-farnesylthiosalicylate conjugate with a drug interactive motif as an improved micellar system for delivery of anticancer agents	Sat	39	am
Zhou	HPMA copolymer-based combination therapy for a durable inhibition of tumor growth	Sat	40	pm