Number	Presenter	Institution	Poster Title
1	Hui Mao	Emory University	Probing and Enhancing Ligand-Mediated Active Targeting of Tumors Using 3-nm Ultrafine Iron Oxide Nanoparticles
2	Tatyana Levchenko	Northeastern University	Plasmonic nanobubbles: Harnessing Cancer Aggressiveness to Overcome Its Resistance
3	Mohd Nasser	University of Nebraska Medical Center	miR-1/CXCR4 axis as a novel therapeutic target in Small Cell Lung Cancer
4	Jing Wen	UCLA	Enhanced brain delivery of rituximab using timed-release polymer nanocapsules in non-human primates
5	Pai-Chi Teng	UCLA	Very-Small-Nuclear Circulating Tumor Cells: Nuclear Size Reduction is Associated with Poor Clinical Outcomes in Metastatic Castration-Resistant Prostate Cancer
6	Pai-Chi Teng	UCLA	Preclinical Development of a Circulating Tumor Cell Based RNA-Classifier to Optimize the Treatment Selection in Patients with Metastatic Castration-Resistant Prostate Cancer
7	Yara Kadria-Vili	Rice/MD Anderson	Theranostic Nanoparticles for T1-MR Imaging and Phototherapy of Pancreatic Cancer
8	Rajarajeswari Muthusivarajan	MD Anderson	Atomistic molecular dynamics simulations of self-assembling amphiphilic tetrapeptide with alkylated residues
9	Ling Huang	U Mass Worchester	Upconversion X: Designing next generation organic photon upconversion nanoparticles
10	Jeanne Lemaster	UCSD	Photoacoustic Monitoring of Drug Release from PLGA Nanocarriers for Tumor Treatment
11	Kaylin McMahon	Northwestern University	siRNA Therapy to Manipulate Immune Cell Gene Regulation
12	Yu Mi	UNC Chapel Hill	Neoantigen nanovaccine improves personalized cancer immunotherapy
13	Yaou Duan	UCSD	Nano-based delivery of Cas9-guide RNA complex for tumor immunotherapy
14	Sourabh Shukla	UCSD	Plant virus-like particle in situ vaccine immunotherapy: Insights into the unique potency of CPMV
15	Michael Rettig	WUSTL	Development of CS1-targeted nanoparticles for the treatment of multiple myeloma
16	Luman Liu	Iowa State	Nanovaccine platform to combat pancreatic cancer
17	Lily Yang	Emory University	Simultaneous Treatment of Cancer and Atherosclerosis with a Targeted Multifunctional Immunotherapy Nanoparticle for Cancer Patients with Comorbid Atherosclerosis
18	Miles Miller	MGH	Image-guided systems pharmacology of nanoparticulate prodrug activation
19	Jonathan Wilhelm	UT Southwestern	Amphipathic Secondary Structure of Melanoma Antigens Drives Stable Encapsulation in STING-Activating Ultra-pH-Sensitive Nanoparticles
20	Yazhen Zhu	UCLA	mRNA Analysis in Circulating Tumor Cells Purified by Click Chips
21	Na Sun	UCLA	Covalent chemistry enables EV purification on nanosubstrates – toward non-invasive detection of early-stage hepatocellular carcinoma
22	Kacper Skakuj	Northwestern University	A First-in-Human Study of a Spherical Nucleic Acid (SNA) Cancer Immunotherapy
23	Akanksha Mahajan	Northwestern University	Spherical Nucleic Acids targeted to wild-type Isocitrate Dehydrogenase-1 for metabolic reprogramming of Glioblastoma

24	Gokay Yamankurt	Northwestern University	Elucidating the Design Rules for Cancer Nanomedicine with High-Throughput Experimentation and Machine Learning
25	Shuya Wang	Northwestern University	Spherical Nucleic Acids as Immunotherapeutic Agents for Prostate Cancer
26	Serena Tommasini-Ghelfi	Northwestern University	A first-in-human phase 0 clinical study of RNAi-based Spherical Nucleic Acids in patients with recurrent Glioblastoma
27	Min Chen	Stanford University	Target-Activated in Situ Nano-Aggregation of a Small-Molecule Probes for Cancer Therapy
28	Tom Quinn	U Missouri	Lu-177 Labeled α-Melanocyte Stimulating Hormone Functionalized Ultrasmall Core-Shell Silica Nanoparticles for Melanoma Radiotherapy
29	Robert Sabatelle	Boston University	Stiffness of Paclitaxel-Loaded Nanoparticles Dictates Cellular Uptake
30a	Brian Madajewski	MSKCC	Ultrasmall silica nanoparticle platforms for improved small molecular inhibitor delivery and efficacy
30b	Luis Campodonico	MSKCC	Ultra Small Renal-clearable Silica Nanoparticle Targets Prostate Cancer
31	Kooresh Shoghi	WUSTL	Phenotyping animal models of multiple myeloma in vivo
32	Susan Butler	Rice University	MT1-MMP Activatable Provector for Targeting of Pancreatic Cancer
33	Ignacio Melgar Asensio	Northwestern University	PEDF-derived peptides for targeted delivery of anti-cancer agents.
34	Zhuo Yu	UNC Chapel Hill	Icaritin Exacerbates Mitophagy and Synergizes with Doxorubicin to Induce Immunogenic Cell Death in Hepatocellular Carcinoma
35	Francesca Fontana	WUSTL	Turning cell adhesion-mediated drug resistance against multiple myeloma: proof of principle for the use of VLA4-CPT-PD nanoparticles in combination with chemotherapy
36	Menglin Wang	UNC Chapel Hill	High Co-loading Capacity and Stimuli-Responsive Release Based on Cascade Reaction of Self-Destructive Polymer for Improved Chemo-Photodynamic Therapy
37	Abraham Phung	UCSD	Multimodal Theranostics using Composite Nanoshells
38	Nhung Nguyen	U Mass Worchester	Nano-optogenetic immunoengineering: Photo-tunable Remote Control of CAR T-cells
39	Tyler Whittemore	Northwestern University	Cobalt-based Nanoconstructs for the Treatment of Basal Cell Carcinoma
40	Aaron Schwartz-Duval	MD Anderson	Intratumoral Generation of Photothermal Gold Nanoparticles through a Vectorized Application of Ionic Gold
41	Zhefeng Li	Ohio State University	RNA Nanotechnology for specific cancer targeting, siRNA delivery, endosome escape and tumor regression