

Date	Time	Venue	Session	Present ation Time	Q&A	Presentation Number	Submission ID	Types of Presentations	Title
Tuesday, June 17	9:15~10:15	Venue D	English Oral Presentation 1	10 min	4 min	Eng1-D-01	en002	Oral (English)	Development of a Hyaluronic Acid Hydrogel-Based Drug Delivery System for Controlled Release of Epidermal Growth Factor in Wound Healing
Tuesday, June 17	9:15~10:15	Venue D	English Oral Presentation 1	10 min	4 min	Eng1-D-02*	en017	Oral (English)	Cold Atmospheric Micro-plasma Mediated Drug Delivery into Brain Endothelial Cells
Tuesday, June 17	9:15~10:15	Venue D	English Oral Presentation 1	10 min	4 min	Eng1-D-03*	10075	Oral (English)	Analysis of in vivo immune activating factors in LNP formulation
Tuesday, June 17	9:15~10:15	Venue D	English Oral Presentation 1	10 min	4 min	Eng1-D-04*	10083	Oral (English)	Development of a novel IL-7R-Targeted Antibody-Drug Conjugate for Type 1 Diabetes Therapy
Tuesday, June 17	10:15~11:15	Venue D	English Oral Presentation 2	10 min	4 min	Eng2-D-01*	en001	Oral (English)	Local Administration of Lipid-Silica Nanohybrid-Carried Forskolin Modulates Thermogenesis in Human Adipocytes and Impedes Weight Gain in Mice
Tuesday, June 17	10:15~11:15	Venue D	English Oral Presentation 2	10 min	4 min	Eng2-D-02*	10195	Oral (English)	Establishment of Shark Immunization and Characterization of IgNAR Antibodies for the Development of Next-Generation Biologics
Tuesday, June 17	10:15~11:15	Venue D	English Oral Presentation 2	10 min	4 min	Eng2-D-03*	en016	Oral (English)	Sustained release of antipolytic 3,5-dimethylpyrazole from electroactive hydrogel coupled with ROS/RNS scavenging activities to achieve anti-aging process
Tuesday, June 17	10:15~11:15	Venue D	English Oral Presentation 2	10 min	4 min	Eng2-D-04*	en018	Oral (English)	Piezoelectric-mediated Electrospun Metal-Organic Framework Nanofiber Meshes for Tumor Treating Field Therapy
Tuesday, June 17	13:40~14:40	Venue D	English Oral Presentation 3	10 min	4 min	Eng3-D-01*	10170	Oral (English)	Pharmacokinetic and pharmacological studies of the protein-bound cisplatin: Biodistribution, nephrotoxicity, and antitumor effects on tumor-bearing mice
Tuesday, June 17	13:40~14:40	Venue D	English Oral Presentation 3	10 min	4 min	Eng3-D-02*	10215	Oral (English)	NUAK2 inhibition enhances macromolecular delivery in a 3D model of the fibrotic pancreatic tumor microenvironment
Tuesday, June 17	13:40~14:40	Venue D	English Oral Presentation 3	10 min	4 min	Eng3-D-03*	10110	Oral (English)	Improvement of systemically delivery of antibody to tumors via extracellular matrix degradation by mRNA encapsulated lipid nanoparticles
Tuesday, June 17	13:40~14:40	Venue D	English Oral Presentation 3	10 min	4 min	Eng3-D-04*	10115	Oral (English)	Degradation of Extracellular Matrix Hyaluronic Acid Enhances Penetration of Lipid Nanoparticle in Spheroids composed of pancreatic cancer and fibroblast cells
Tuesday, June 17	14:40~16:10	Venue D	Best Presentation Award Selection	10 min	4 min	EngBPAS-01*	10100	Oral (English)	Selective Intracellular Delivery of Antibodies into Cancer Cells with Nanocarriers Sensing Endosome Dysregulation
Tuesday, June 17	14:40~16:10	Venue D	Best Presentation Award Selection	10 min	4 min	EngBPAS-02*	10041	Oral (English)	"MOBILE GalNac" for Highly Efficient and Facile Drug Targeting
Tuesday, June 17	14:40~16:10	Venue D	Best Presentation Award Selection	10 min	4 min	EngBPAS-03*	10143	Oral (English)	Efficient intracellular delivery and enhanced degradation activity of PROTAC-cell penetrating peptide (CPP) conjugates through nanoparticle formation
Tuesday, June 17	14:40~16:10	Venue D	Best Presentation Award Selection	10 min	4 min	EngBPAS-04*	10208	Oral (English)	Improved mitochondrial activity by internalization of cationized gelatin nanospheres associated mitochondria
Tuesday, June 17	14:40~16:10	Venue D	Best Presentation Award Selection	10 min	4 min	EngBPAS-05*	10222	Oral (English)	A novel ionizable lipid nanoparticle for in vivo delivery of mRNA and circular RNA therapeutics
Tuesday, June 17	14:40~16:10	Venue D	Best Presentation Award Selection	10 min	4 min	EngBPAS-06*	10191	Oral (English)	Preparation of unit polyon complexes loaded with peptide-conjugated oligonucleotide for tumor-targeted oligonucleotide delivery
Tuesday, June 17	16:15~17:00	Venue D	English Oral Presentation 4	10 min	4 min	Eng4-D-01*	en007	Oral (English)	A new Magnetic Particle Imaging approach for accurate location, dosage and monitoring towards transpulmonary DDS in the lung
Tuesday, June 17	16:15~17:00	Venue D	English Oral Presentation 4	10 min	4 min	Eng4-D-02*	10162	Oral (English)	Therapeutic potential of rosehip-derived nanoparticles for psoriasis-like dermatitis by intradermal administration
Tuesday, June 17	16:15~17:00	Venue D	English Oral Presentation 4	10 min	4 min	Eng4-D-03*	10090	Oral (English)	Characterization of genetically modified Caco-2 cells as a system for evaluation of intestinal barrier modulators
Tuesday, June 17	17:05~18:05	Venue P	Poster Discussion	-	-	P1-56	en005	Poster (English)	ROS-Responsive Hollow Silica Nanoparticles Engineered with Porphyrin and Diselenide for Size Disintegration and Effective Sonodynamic Therapy in Pancreatic Cancer
Tuesday, June 17	17:05~18:05	Venue P	Poster Discussion	-	-	P1-57	en019	Poster (English)	Development of Orally Available Catechol-Based ASBT Inhibitors: Self-Assembling Bile Acid Nanoparticles for Metabolic Therapy
Tuesday, June 17	17:05~18:05	Venue P	Poster Discussion	-	-	P1-58	en006	Poster (English)	Photo-Degradable Gelatin Hydrogels: Fabrication and Controlled Drug Release
Tuesday, June 17	17:05~18:05	Venue P	Poster Discussion	-	-	P1-59	en014	Poster (English)	Controlled release and anticancer effects of Quercetin-loaded CS-TPP Nanoparticles on HepG2 Liver cancer cells
Tuesday, June 17	17:05~18:05	Venue P	Poster Discussion	-	-	P1-60	en008	Poster (English)	Modulation of Collagen Hydrogel Characteristics through Light-Intensity Variations in Riboflavin Phosphate-Mediated Photocrosslinking
Tuesday, June 17	17:05~18:05	Venue P	Poster Discussion	-	-	P1-61	en010	Poster (English)	Hydroxyapatite enhanced GelMA hydrogel's influence in SAOS-2 cell spheroids
Tuesday, June 17	17:05~18:05	Venue P	Poster Discussion	-	-	P1-62*	10091	Poster (English)	Temperature-responsible bottlebrushes for boosting internalization into cancer cells
Tuesday, June 17	17:05~18:05	Venue P	Poster Discussion	-	-	P1-63	10011	Poster (English)	mRNA Sequence Mapping via Endonuclease Digestion and LC-MS Analysis with Novel Informatics Workflows
Tuesday, June 17	17:05~18:05	Venue P	Poster Discussion	-	-	P1-64	en003	Poster (English)	Hydrogel-Encapsulated ADMSC Spheroid Secretome for the Treatment of Atopic Dermatitis
Tuesday, June 17	17:05~18:05	Venue P	Poster Discussion	-	-	P1-65	10236	Poster (English)	Mechanistic Study of Antioxidant Nanoparticles in an In Vitro Intestinal Barrier Model
Wednesday, June 18	8:55~9:55	Venue D	English Oral Presentation 5	10 min	4 min	Eng5-D-01*	10050	Oral (English)	Interaction of Deep Eutectic Solvents-Based Microemulsions with Stratum Corneum Lipid Structures
Wednesday, June 18	8:55~9:55	Venue D	English Oral Presentation 5	10 min	4 min	Eng5-D-02*	en013	Oral (English)	Microplasma Assisted Nose-to-Brain Delivery of Galantamine in Rat
Wednesday, June 18	8:55~9:55	Venue D	English Oral Presentation 5	10 min	4 min	Eng5-D-03*	10230	Oral (English)	Preparation of nasal powder formulation of mRNA-LNPs via "post-loading" during spray-freeze drying
Wednesday, June 18	8:55~9:55	Venue D	English Oral Presentation 5	10 min	4 min	Eng5-D-04*	10197	Oral (English)	Nanobubbles and Low-Frequency Ultrasound Enhance Drug Delivery via Nose-to-Brain
Wednesday, June 18	9:55~10:55	Venue D	English Oral Presentation 6	10 min	4 min	Eng6-D-01*	10193	Oral (English)	Chemoimmunotherapyvia Lymphatic Drug Delivery System Improves Tumor Inhibition and Reduces irAEs in Metastatic Lymph Nodes
Wednesday, June 18	9:55~10:55	Venue D	English Oral Presentation 6	10 min	4 min	Eng6-D-02*	10146	Oral (English)	Retro-Inverso Bradykinin-Conjugated Polymers for Enhancing Tumor Accumulation of Nanomedicine
Wednesday, June 18	9:55~10:55	Venue D	English Oral Presentation 6	10 min	4 min	Eng6-D-03*	10226	Oral (English)	Conjugation of Cyclic RGD-Modified PEG Chains to Checkpoint Blockade Antibodies Augments Antitumor Efficacy and Targeted Delivery in Immunotherapy
Wednesday, June 18	9:55~10:55	Venue D	English Oral Presentation 6	10 min	4 min	Eng6-D-04*	10084	Oral (English)	Enhancing T Cell-Mediated Tumor Killing via 4-1BB Agonism and CD3/Tumor Antigen Targeting for Improved Cancer Immunotherapy
Wednesday, June 18	15:15~16:15	Venue D	English Oral Presentation 7	10 min	4 min	Eng7-D-01*	10190	Oral (English)	Polycations Enhance the Intracellular Stability of mRNA Delivered via Lipid Nanoparticles for Sustained Protein Expression
Wednesday, June 18	15:15~16:15	Venue D	English Oral Presentation 7	10 min	4 min	Eng7-D-02*	10005	Oral (English)	Structurally dynamic polyplexes enhance sentinel lymph node delivery of antisense oligonucleotides to inhibit breast cancer recurrence and metastasis
Wednesday, June 18	15:15~16:15	Venue D	English Oral Presentation 7	10 min	4 min	Eng7-D-03*	10234	Oral (English)	Silica-Coated Polyon Complexes for Controlled Pulmonary mRNA Delivery with Tailorable mRNA Release Profile
Wednesday, June 18	15:15~16:15	Venue D	English Oral Presentation 7	10 min	4 min	Eng7-D-04*	10228	Oral (English)	Impact of anti-PEG antibodies on intramuscular mRNA/LNP vaccination
Wednesday, June 18	16:15~17:15	Venue D	English Oral Presentation 8	10 min	4 min	Eng8-D-01*	10015	Oral (English)	Pickering Emulsion-Based Ethiodized Oil Formulation for Sustained Anti-PD-L1 Antibody Release
Wednesday, June 18	16:15~17:15	Venue D	English Oral Presentation 8	10 min	4 min	Eng8-D-02*	10237	Oral (English)	<i>In Vivo</i> Tumor Theranostics by Cisplatin-loaded Gd2O3 Nanoparticles
Wednesday, June 18	16:15~17:15	Venue D	English Oral Presentation 8	10 min	4 min	Eng8-D-03*	10035	Oral (English)	Development of spleen-targeting mRNA-loaded lipid nanoparticle with immune-stimulative activity
Wednesday, June 18	16:15~17:15	Venue D	English Oral Presentation 8	10 min	4 min	Eng8-D-04*	10140	Oral (English)	Elucidating the pathophysiological role of monocyte and macrophage in antibody cancer therapeutics
Wednesday, June 18	13:20~14:20	Venue P	Poster Discussion	-	-	P2-55	10094	Poster (English)	Novel Oral Delivery System Using Modified Inulin for Enhanced Liver Cancer Therapy
Wednesday, June 18	13:20~14:20	Venue P	Poster Discussion	-	-	P2-56	en015	Poster (English)	Nanoparticle-to-Nanoparticle Aggregation Strategy Utilizing Protamine-Heparin Polymers to Enhance Tumor-Targeted Ferroptosis and Immune Response
Wednesday, June 18	13:20~14:20	Venue P	Poster Discussion	-	-	P2-57	en011	Poster (English)	Photocleavable Hyaluronic Acid Hydrogel System for Light-Controlled Drug Release
Wednesday, June 18	13:20~14:20	Venue P	Poster Discussion	-	-	P2-58	en004	Poster (English)	Controlled Release of Quercetin via FMSN-Loaded GelMA Hydrogel for Anti-Adipogenesis Applications
Wednesday, June 18	13:20~14:20	Venue P	Poster Discussion	-	-	P2-59*	10078	Poster (English)	A novel class of lipids conjugated to poly (ethylene glycol) structural isomers: An efficient approach to evade immune recognition of LNP
Wednesday, June 18	13:20~14:20	Venue P	Poster Discussion	-	-	P2-60	en012	Poster (English)	Development of Eco-friendly Coating Technology Using Casein, a Naturally Derived Substance
Wednesday, June 18	13:20~14:20	Venue P	Poster Discussion	-	-	P2-61*	en020	Poster (English)	Serine Containing Synthetic Polymers: A Potential as an Anti-inflammatory Agent
Wednesday, June 18	13:20~14:20	Venue P	Poster Discussion	-	-	P2-62*	10172	Poster (English)	GLP-1 RA Transdermal Delivery System for Diabetes Treatment Using a Biocompatible Ionic Liquid-Based Microemulsion
Wednesday, June 18	13:20~14:20	Venue P	Poster Discussion	-	-	P2-63*	en021	Poster (English)	ANA Immunoassay for Rapid Screening of Antibody in Blood
Wednesday, June 18	13:20~14:20	Venue P	Poster Discussion	-	-	P2-64	en009	Poster (English)	Magnetically responsive anisotropic hydrogel with embedded magnetic nanofibers for aligned muscle tissue regeneration
Wednesday, June 18	13:20~14:20	Venue P	Poster Discussion	-	-	P2-65	10030	Poster (English)	An Easy Workflow for the Characterisation and Relative Quantification of Recombinant Adeno-Associated Viruses (rAAVs) using Charge Detection Mass Spectrometry