Joint Conference on
3rd International Conference on Antibodies, Bio Therapeutics & B2B &
3rd International Conference on Genetic and Protein Engineering

November 08-09, 2017 Las Vegas, USA

Day 1	
08-Nov-17	
08:30-09:00	**Registrations**
09:00-09:25	**Opening Ceremony**
09:25-09:30	**Introduction**
Keynote Forum	
09:30-10:00	**Title: Digital Biomanufacturing Supports mAb Production**
	William Whitford, GE Healthcare, USA
10:00-10:30	**Title: Engineering a 30-year-old intracellular channel: twitching a voltage sensor with a taste of pharmacology**
	Robert Stroud, University of California San Francisco, USA
Sessions Introduction	
Antibody Engineering | Antibodies: Medical Applications | Immunotherapy and Immune Checkpoints | Protein Engineering | Genetic Engineering |	
10:30-10:55	**Title: The gene expression evidence-base and its relevance to translational applications, including prevention**
	Ron L Martin, Nutrigenetics Unlimited, Inc., USA
Panel Discusson	
Group Photo	
Meet the Exhibitor, Networking & Refreshments @ 10:55-11:15	
11:15-11:40	**Title: Nano-assembly of Amyloid β peptide: Role of the hairpin fold**
	Yuri L. Lyubchenko, University of Nebraska Medical Center, USA
11:40-12:05	**Title: De novo design and characterization of circular tandem repeat proteins**
	Barry L Stoddard, Fred Hutchinson Cancer Research Center, USA
12:05-12:30	**Title: BioTethering: A novel approach to engineering therapeutics proteins**
	Erik D Foehr, BioTether Sciences, USA
12:30-12:55	**Title: Endotoxin reduction in protein solutions using octyl β-D-1-thioglucopyranoside wash on chromatography media**
	Dhanesh Gadre, MedImmune LLC, USA
Panel Discusson	
Meet the Exhibitor & Lunch Break @ 12:55-13:45	
13:45-14:10	**Title: High-level soluble expression, purification and characterization of active human midkine from Escherichia coli**
	Kelly Yan, Novartis Institutes for BioMedical Research, USA
14:10-14:35	**Title: Novel signal peptides improve the secretion of recombinant Staphylococcus aureus Alpha toxinH35L in Escherichia coli**
	Soojin Han, MedImmune LLC, USA
14:35-15:00	**Title: Beyond Immune Checkpoint: Targeting soluble NKG2D ligands for cancer immunotherapy**
	Jennifer Wu, Hollings Cancer Center/Medical University of South Carolina, USA
15:00-15:25	**Title: Design principles for bispecific IgGs – opportunities and pitfalls of artificial disulfide bonds studied by XL-MS**
	Itai Benhar, Tel Aviv University, Israel
15:25-15:50	**Title: Histocompatibility Leukocyte Antigens specific antibodies: Characteristics, Detection, and Clinical relevance**
	Andrew L. Lobashevsky, Indiana University School of Medicine, USA

15:50-16:15	**Title: ProxiMAX Randomization: precision antibody engineering**
	Anna V Hine, Aston University, UK
Panel Discusson	
Meet the Exhibitor, Networking & Refreshments @ 16:15-16:45	
16:45-17:10	**Title: Design of PDZ Domain Specificity**
	Ernesto J. Fuentes, University of Iowa, USA
17:10-17:35	**Title: Engineering Tn5 transposase enzyme to improve DNA sequencing library preparation**
	Amirali Kia, Illumina Inc. , USA
17:35-18:00	**Evolution of Bt proteins overcomes Bt resistance in insects**
	Victor Guzov, Monsanto Company, USA
Panel Discusson	
Young Research Forum	
18:00-18:20	**Title: PD-L1 Assays: An Update on FDA-approvals and Uses with Companion Immunotherapies**
	Steven Alexander Mann, Indiana University School of Medicine, USA
18:20-18:40	**Title: Mathematical modeling of purified L-Asparaginase activity from axenic cultures of Actinobacteria isolated from the Arauca riverbank**
	Estefanía Arévalo-Tristancho, Universidad de La Sabana, Colombia
Panel Discussion	
Day 2	
09-Nov-17	
Keynote Forum	
10:00-10:30	**Intrinsically disordered proteins link alternative splicing and post-translational modifications to complex cell signaling and regulation**
	Keith Dunker, Indiana University School of Medicine, USA
10:30-11:00	**The protein folding problem: An optimization approach**
	Abdellah Salhi, University of Essex, UK
Panel Discussion	
Meet the Exhibitor, Networking & Refreshments @ 11:00-11:20	
Sessions	
Antibody Engineering | Antibodies: Medical Applications | Immunotherapy and Immune Checkpoints | Antibody Drug Therapy | Bio Therapeutics: Novel Formulation and Delivery Approaches | Protein Engineering | Genetic Engineering |	
11:20-11:45	**Title: Engineering linkage-specific polyubiquitin antibodies as tools for elucidation of novel signaling pathways**
	Marissa L. Matsumoto, Genentech, Inc., USA
11:45-12:10	**Title: A rationally designed mutant of plasma platelet-activating factor acetylhydrolase hydrolyzes the organophosphorus nerve agent soman**
	Stephen D. Kirby, U.S. Army Medical Research Institute of Chemical Defense, USA
12:10-12:35	**Title: Harnessing and enhancing the natural properties of albumin as a drug carrier by rational protein engineering**
	Karen Bunting, Albumedix Ltd, UK
12:35-13:00	**Title: Accelerating protein production; high efficiency tags, fusions and automated purification**
	Christopher H Gray, CRUK Beatson Institute, UK
Panel Discussion	
Meet the Exhibitor & Lunch Break @ 13:00-13:50	
13:50-14:15	**Title: Purification and Characterization of Antibody Therapeutics: Challenges and Solutions during Lead Candidate Selection**
	Haiyan Jiang, Janssen BioTherapeutics, USA
14:15-14: 40	**Title: Antibody development updates for users of Bio-layer Interferometry. Kinetics comparison to SPR and high-throughput quantitation of bioprocess residuals**
	Jeff Mihailoff, Pall ForteBio LLC, USA
14:40-15:05	**Title: Developing and Manufacturing the Next Generation of Bioconjugates**
	Thomas Rohrer, Lonza Pharma & Biotech, USA
15:05-15:30	**Title: Predicting, Avoiding and Mitigating Risk of Failure when Developing Biotherapeutics**
	Yvette Stallwood, Lonza Biologics, UK
15:30-15:55	**Title: Antibodies against retinal antigens as promising options for diagnosis and treatment of neurodegenerative diseases such as Glaucoma**
	F. Grus, University medical center of Mainz, Germany
15:55-16:20	**Title: ProxiMAX and MAX randomization: Precision protein engineering**
	Anna V. Hine, Aston University, UK
Panel Discussion	
Meet the Exhibitor, Networking & Refreshments @ 16:20-16:50	

16:50-17:15	**Title: Antibody Hit Discovery using Yeast Surface Display**
	Stefan Zielonka, Merck KGaA (EMD Serono), Germany
17:15-17:40	**The antibiotic resistance of Staphylococcus aureus strains isolated from hospitalized patients in Universities Hospitals, Cluj Napoca, Romania**
	Lia Monica Junie, University of Medicine and Pharmacy "Iuliu Hatieganu" Cluj Napoca, Romania
17:40-18:05	**Title: Association mapping for drought toleranc and fruit yield in cultivated and related species of tomato (solanum spp .)**
	Savithramma D.L, University of Agricultural Sciences, India
Panel Discussion	
Poster Sessions (18:05-19:00)	
P1	**Comparison of Three Human B Cell Isolation Tools for The Development of The Antibodies Neutralizing Emerging Infectious Viruses**
	Hansaem Lee, Korea Centers for Disease Control & Prevention, Republic of Korea
P2	**Selection and Characterization of MERS-CoV Spike Antibodies**
	Hye-Min Woo, Korea Centers for Disease Control & Prevention, Republic of Korea
P3	**Integrated workflow for rapid and low-cost affinity purification of recombinant proteins**
	Robert Snyder, Proteios LLC, USA
P4	**Characterization of the Bgs13 protein's role in the super-secretion of recombinant peptides in the yeast Pichia pastoris**
	Geoff P Lin-Cereghino, University of the Pacific, USA
P5	**Repurposing dasatinib for ibrutinib-resistant diffuse large B-Cell lymphoma**
	Sandeep Mittan, Columbia University Medical Center, USA
P6	**Production of enzymatically active human SKIP for the development of tools to study phosphatidylinositol signaling pathways**
	Somer L Doody, Innovabio, USA
Panel Discussions	
Award Ceremony & Best Poster Award Sponsored by Pall ForteBio LLC	
Exhibition Timings	
Starts at 09:00	
Ends at 19:00	
Thanks giving & Closing Ceremony	