Day 1 November 08, 2017

08:30-09:00 Registrations

Hall

conferenceseries.com 09:00-09:25 **Opening Ceremony**

Keynote Forum

09:25-09:30 **Introduction**

09:30-10:00 **William Whitford**
GE Healthcare, USA

10:00-10:30 **Ram Samudrala**
State University of New York, USA

Meet the Exhibitor, Networking & Refreshments @ 10:30-10:50

10:50-11:20 **Robert Stroud**
University of California San Francisco, USA

Session Introduction

11:20-11:45 **Title: The gene expression evidence-base and its relevance to translational applications, including prevention**
Ron L Martin, Nutrigenetics Unlimited, Inc., USA

11:45-12:10 **Title: Nano-assembly of Amyloid β peptide: Role of the hairpin fold**
Yuri L. Lyubchenko, University of Nebraska Medical Center, USA

12:10-12:35 **Title: De novo design and characterization of circular tandem repeat proteins**
Barry L Stoddard, Fred Hutchinson Cancer Research Center, USA

12:35-13:00 **Title: BioTethering: A novel approach to engineering therapeutics proteins**
Erik D Foehr, BioTether Sciences, USA

Group photo

Meet the Exhibitor & Lunch Break @ 13:00-13:45

13:45-14:10 **Title: Endotoxin reduction in protein solutions using octyl β-D-1-thioglucopyranoside wash on chromatography media**
Dhanesh Gadre, MedImmune LLC, USA

14:10-14:35 **Title: High-level soluble expression, purification and characterization of active human midkine from Escherichia coli**
Kelly Yan, Novartis Institutes for BioMedical Research, USA

14:35-15:00 **Title: Novel signal peptides improve the secretion of recombinant Staphylococcus aureus Alpha toxinH35L in Escherichia coli**
Soojin Han, MedImmune LLC, USA

15:00-15:25 **Title: Beyond Immune Checkpoint: Targeting soluble NKG2D ligands for cancer immunotherapy**
Jennifer Wu, Hollings Cancer Center/Medical University of South Carolina, USA

15:25-15:50 **Title: Design principles for bispecific IgGs – opportunities and pitfalls of artificial disulfide bonds studied by XL-MS**
Itai Benhar, Tel Aviv University, Israel

15:50-16:15 **Title: Histocompatibility Leukocyte Antigens specific antibodies: Characteristics, Detection, and Clinical relevance**
Andrew L. Lobashevsky, Indiana University School of Medicine, USA

Meet the Exhibitor, Networking & Refreshments @ 16:15-16:45

16:45-17:10 **Title: ProxiMAX Randomization: precision antibody engineering**
Anna V Hine, Aston University, UK

17:10-17:35 **Engineering Tn5 transposase enzyme to improve DNA sequencing library preparation**
Amirali Kia, Illumina Inc. , USA

17:35-18:00	**Design of PDZ Domain Specificity** **Ernesto J. Fuentes,** University of Iowa, USA
18:00-18:25	**Title: Self-navigating drug- delivery vehicles driven by phages selected from polyvalent 'landscape' phage libraries through their inter- and intracellular migration** **Valery A Petrenko,** Auburn University, USA

Young Researchers Forum (18:25-18:50)

18:25-18:40	**Title: PD-L1 Assays: An Update on FDA-approvals and Uses with Companion Immunotherapies** **Steven Alexander Mann,** Indiana University School of Medicine, USA
18:40-18:55	**Title: Development of calcium-dependent protein-drug conjugates (PDCs) targeting phosphatidylserine (PS) for the treatment of cancer** **Ran Li,** Texas A&M Health Science Center, USA
18:55-19:10	**Title: Antibiotic resistance profile among gram-negative bacterial pathogens in Komfo Anokye Teaching Hospital of Ghana** **Nicholas Agyepong,** University of Kwa-zula Natal, South Africa
19:10-19:25	**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
19:25-19:40	**Title: 3D fibrillar fibronectin mediates epithelial-mesenchymal transition in metastatic breast cancer** **Aparna Shinde,** Purdue University, USA

Panel Discussions

Day 2 November 09, 2017

Hall

Keynote Forum

09:00-09:30	**Thea Sesardic** **NIBSC, UK**
09:30-10:00	**Abdellah Salhi** **University of Essex, UK**
10:00-10:30	**David Mead** **Varigen Biosciences, USA**

Meet the Exhibitor, Networking & Refreshments @ 10:30-10:50

10:50-11:15	**Title: Engineering linkage-specific polyubiquitin antibodies as tools for elucidation of novel signaling pathways** **Marissa L. Matsumoto,** Genentech, Inc., USA
11:15-11:40	**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
11:40-12:05	**Title: Harnessing and enhancing the natural properties of albumin as a drug carrier by rational protein engineering** **Karen Bunting,** Albumedix Ltd, UK
12:05-12:30	**Title: Accelerating protein production; high efficiency tags, fusions and automated purification** **Christopher H Gray,** CRUK Beatson Institute, UK
12:30-12:55	**Title: Purification and Characterization of Antibody Therapeutics: Challenges and Solutions during Lead Candidate Selection** **Haiyan Jiang,** Janssen BioTherapeutics, USA

Meet the Exhibitor & Lunch Break @ 12:55-13:45

13:45-14:10	**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
14:10-14:35	**Title: Developing and Manufacturing the Next Generation of Bioconjugates** **Thomas Rohrer,** Lonza Pharma & Biotech, USA

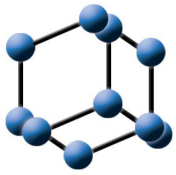
14:35-15:00	**Title: Antibodies against retinal antigens as promising options for diagnosis and treatment of neurodegenerative diseases such as Glaucoma** **F. Grus,** University medical center of Mainz, Germany
15:00-15:25	**Title: ProxiMAX and MAX randomization: Precision protein engineering** **Anna V. Hine,** Aston University, UK
15:25-15:50	**Title: Antibody Hit Discovery using Yeast Surface Display** **Stefan Zielonka,** Merck KGaA (EMD Serono), Germany
15:50-16:15	**Title: Human monoclonal antibodies in the clinic: novel insights into the choice of specific targets** **Michael Steinitz,** The Hebrew University-Hadassah Medical School, Israel
	Meet the Exhibitor, Networking & Refreshments @ 16:15-16:35
16:35-17:00	**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
17:00-17:25	**Title: Principal component analysis of spinach plastosyanin at different temperatures** **Mohsen Sargolzaei,** Shahrood University of Technology, Iran
	Posters Session: 17:25-18:00
P1	**Title: 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
P2	**Title: Repurposing Dasatinib for Ibrutinib-Resistant Diffuse large B-Cell Lymphoma** **Sandeep Mittan,** Columbia University Medical Center, USA
P3	**Title: Single Cell mRNA Cytometry via Sequence-Specific Nanoparticles Clustering and Trapping** **Mahmoud Labib,** University of Toronto, Canada
	Panel Discussions
	Award Ceremony & Best Poster Award Sponsored by Pall ForteBio LLC
	Closing Ceremony
	Exhibition Timings
	Starts at 09:00 AM **Coffee Break & Networking @ 10:30-10:50** **Lunch Break & Networking @ 13:00-13:45** **Ends at 07:30 PM**

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