Tentative Program

3rd International Conference on
Genetic and Protein Engineering

November 08-09, 2017   Las Vegas, USA

***For available speaker slots***

proteinengineering@conferenceseries.net

http://protein-engineering.conferenceseries.com/
Conference Highlights

- Protein Engineering
- Genetic Engineering
- Enzyme Engineering
- Antibody Engineering
- Protein Purification
- Protein Folding
- Protein Crystallography
- Protein Engineered Biomaterials
- Cancer Genome Biology
- Applications of Genetic and Protein Engineering
- Regenerative Medicine
- Transcriptome analysis & Gene Expression
- Pharmacogenomics & Pharmacoproteomics
- Recombinant Protein Expression
- Mass Spectrometry in Proteome Research
- Protein Therapeutics & Market Analysis
- Molecular Modelling and Drug Designing
### Day 1 November 08, 2017

**Keynote Forum**

- **Ram Samudrala**, State University of New York, USA
- **Robert Stroud**, University of California San Francisco, USA

**Session Introduction**

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

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

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

**Title:** BioTethering: A novel approach to engineering therapeutics proteins  
**Erik D Foehr**, BioTether Sciences, USA

**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

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

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

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

### Day 2 November 09, 2017

**Keynote Forum**

- **Abdellah Salhi**, University of Essex, UK
- **David Mead**, Varigen Biosciences, USA

**Session Introduction**

**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

**Title:** Harnessing and enhancing the natural properties of albumin as a drug carrier by rational protein engineering  
**Karen Bunting**, Albumedix Ltd, UK

**Title:** Accelerating protein production; high efficiency tags, fusions and automated purification  
**Christopher H Gray**, CRUK Beatson Institute, UK
| Title: Association mapping for drought tolerance and fruit yield in cultivated and related species of tomato (Solanum spp.) |
| Savithramma D.L, University of Agricultural Sciences, India |

| Title: Principal component analysis of spinach plastosyanin at different temperatures |
| Mohsen Sargolzaei, Shahrood University of Technology, Iran |

| Young Researchers Forum |
| 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 |

| Title: Evidence of the crosstalk between AMPK and TGF-beta signaling pathways, in salivary gland tumors |
| Fatemeh Fatahi, Medical university of Vienna, Austria |

| 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 |

| 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 |

**Note:** Tentative Program has been designed with the projected Speakers Names and Titles. Dates and timings in this program are subject to change
Glimpses of Protein Engineering 2016

http://protein-engineering.conferenceseries.com/
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