Scientific Program

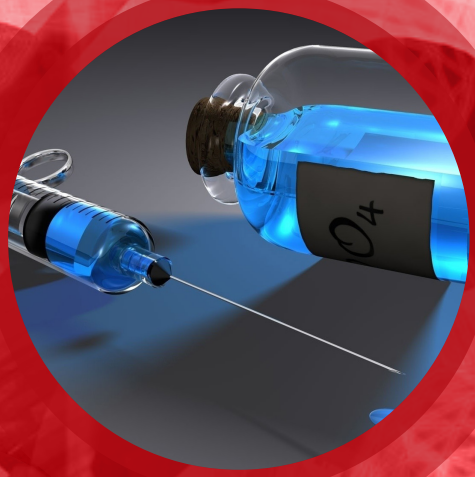
2nd International Conference on

Genetic & Protein Engineering

November 14-16, 2016 Atlanta, Georgia, USA

conferenceseries.com 813rd Conference







Hosting Organizations: Conference Series LLC

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Day 1 November 14, 2016

09:00-09:30 Registrations

Chattahoochee A

conferenceseries.com **09:30-10:00** Opening Ceremony

Keynote Forum

10:00-10:40 **Title: Interactomics: Computational analysis of novel drug opportunities**
Ram Samudrala, State University of New York, USA

10:40-11:20 **Title: A universal, ultra-high affinity chromatography for a one-step, high-throughput purification of complex proteins**
Dmitry G Vassylyev, University of Alabama at Birmingham, USA

Networking & Refreshments Break: 11:20-11:40 @ Chattahoochee Prom

Sessions:
Protein Engineering | Applications of Genetic and Protein Engineering | Protein Purification

Session Chair: Peter Luan, Genentech Inc., USA
Session Co-chair: Xiao-Qing Qiu, West China Hospital-Sichuan University, China

Session Introduction

11:40-12:10 **Title: Doing more with less: Automated workflows for high throughput microscale antibody purification**
Peter Luan, Genentech Inc., USA

12:10-12:40 **Title: Prevention of protein misfolding in Alzheimer's disease by an upgrade of the proteolytic enzyme machinery**
Kerensa Broersen-Nutma, University of Twente, The Netherlands

12:40-13:10 **Title: Rational and combinatorial engineering of protease inhibitors for cancer imaging and therapy**
Niv Papo, Ben-Gurion University of the Negev, Israel

Lunch Break: 13:10-14:10 @ Chattahoochee Prom

14:10-14:40 **Title: Automatic reconstruction and modelling of biocatalyst systems for the production of specific biochemical compounds**
Frederic CADET, PEACCEL-Protein Engineering Accelerator, France

14:40-15:10 **Title: IDI has the key function during the biosynthesis of terpenoids compound**
Du Qing, Fresh-skyright International Science and Technology Co. Ltd., China

15:10-15:40 **Title: Pheromonicin: A fusion-protein against drug-resistant pathogens**
Xiao-Qing Qiu, West China Hospital-Sichuan University, China

15:40-16:10 **Title: Identification of drought tolerant groundnut (*Arachis hypognea*) genotypes under stress and control conditions through gravimetric studies**
D.L. Savithramma, University of Agricultural Sciences, India

Networking & Refreshments Break: 16:10-16:30 @ Chattahoochee Prom

Panel Discussions

Day 2 November 15, 2016

Chattahoochee A

Keynote Forum

10:00-10:30 **Title: A deterministic algorithm for protein sequence detection**
Abdellah Salhi, University of Essex, UK

10:30-11:00 **Title: Disruptive mixed *in vitro- in silico* approach for protein engineering and screening**
Frederic CADET, PEACCEL-Protein Engineering Accelerator, France

Networking & Refreshments Break: 11:00-11:20 @ Chattahoochee Prom

Sessions:
Enzyme Engineering | Recombinant Protein Expression

Session Chair: Frederic CADET, PEACCEL-Protein Engineering Accelerator, France

Session Introduction

11:20-11:50 **Title: Development and characterization of newly developed genomic SSR markers in mungbean (*Vigna radiata*(L.) Wilczek)**
D.L. Savithramma, University of Agricultural Sciences, India

11:50-12:20	**Title: The preparation and application of charming ubiquinone** **Du Qing,** Fresh-skyright International Science and Technology Co. Ltd., China
12:20:12:50	**Title: Single marker analysis in mungbean(*Vigna radiata* (L.) Wilczek) for powdery mildew disease resistance and yield attributing traits** **D.L. Savithramma,** University of Agricultural Sciences, India

Lunch Break: 12:50-14:00 @ Chattahoochee Prom

14:00-14:30	**Title: Genotypic evaluation of guar (Cyamopsis tetragonoloba l.) for protein, gum and seed yield traits** **Krishnamurthy N,** University of Agricultural Sciences, India
14:30-15:00	**Title: Identification of drought tolerant groundnut (*Arachis hypogaea*) genotypes under stress and control conditions through gravimetric studies** **Madhu S V,** University of Agricultural Sciences, India

Networking & Refreshments Break: 15:00-15:20 @ Chattahoochee Prom

Young Researchers Forum

15:20-15:50	**Title: Engineering nucleotide specificity of Succinyl-CoA Synthetase (SCS) in Blastocystis: The emerging role of gatekeeper residues** **Kapil Vashisht,** National Institute of Malaria Research, India
15:50-16:20	**Title: Protein purification** **Aso Bakr Mohammed,** Sulaimanyah University, Iraq
16:20-16:50	**Title: Virus engineering** **Othman Ahmed,** Sulaimanyah University, Iraq

Video Presentation

16:50-17:10	**Title: Screening of elite cowpea genotypes for zinc, iron, protein and yield attributes** **N. Marappa,** University of Agricultural Sciences, India

Poster Presentations @ 17:10-17:40

PE01	**Title: Molecular profile of ESKAPE pathogens from Komfo Anokye teaching hospital in Ghana** **Nicholas Agyepong,** University of Kwa-Zula Natal, South Africa
PE02	**Title: Designing synthetic lectins to investigate metastatic potential in colon and prostate cancers** **Tanya Hundal,** University of South Carolina, USA
PE03	**Title: Nanobody discovery platform: From a Llamma immune response to tailor-made biological agents** **Tomasz Uchanski,** Structural Biology Brussels, Belgium
PE04	**Title: Automatic reconstruction and modelling of biocatalyst systems for the production of specific biochemical compounds** **Frederic CADET,** PEACCEL-Protein Engineering Accelerator, France
PE05	**Title: Disruptive mixed in vitro- in silico approach for protein engineering and screening** **Frederic CADET,** PEACCEL-Protein Engineering Accelerator, France
PE06	**Title: Mimicking magnetite biomineralization using peptide displaying scaffolds** **Lori A Somner,** University of Sheffield, UK

Panel Discussions

Day 3 November 16, 2016

Coffee Break: 11:10-11:30 @ Chattahoochee Prom

Networking & Lunch Break: 13:00-13:45 @ Chattahoochee Prom

Award & Closing Ceremony

Bookmark Your Dates

3rd International Conference on

Genetic and Protein Engineering

November 02-03, 2017 Las Vegas, USA

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