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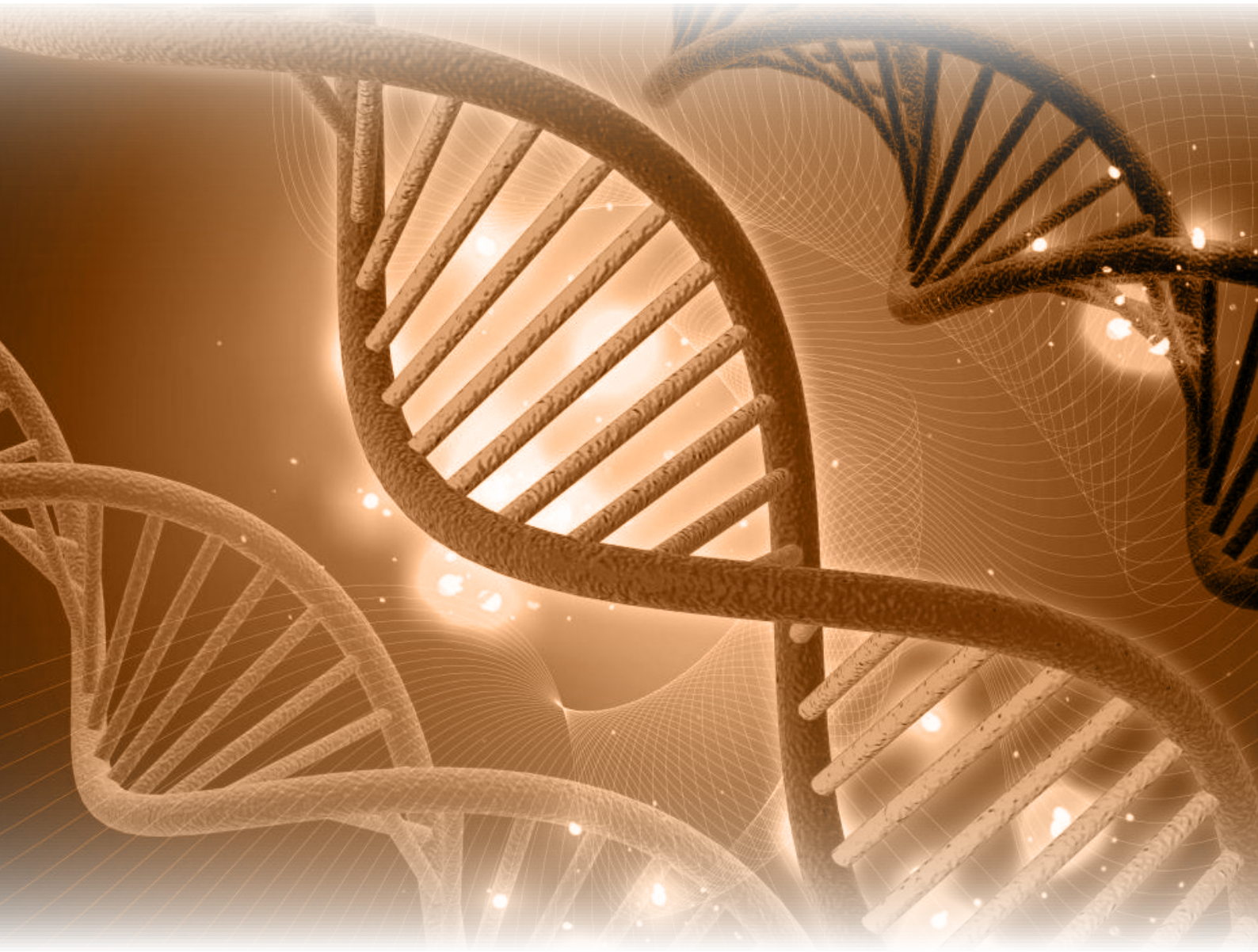
876th Conference

Scientific Program

Global Congress on

Biochemistry, Glycomics & Amino Acids

December 08-09, 2016 San Antonio, USA



Hosting Organization: Conference Series LLC

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Scientific Program

Day 1 December 08, 2016

09:00-09:30 **Registrations** Texas B

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

Keynote Forum

10:00-10:40 **Title: Synthesis of proteins containing unnatural amino acids using reengineered bacterial ribosomes**
Sidney M Hecht, Arizona State University, USA

10:40-11:20 **Title: Overcoming barriers to patient adherence and resistance to change**
Teresa Martin, Novo Nordisk, USA

Group Photo, Networking & Refreshment Break 11:20-11:40

Sessions: Biochemistry & Structural Biochemistry | Clinical Glycomics, Glycoproteomics and Protein Expressions | Molecular Biology and Amino Acids Analysis

Session Chair: Sidney M Hecht, Arizona State University, USA

Session Introduction

11:40-12:10 **Title: Peptoid-combinatorial strategies to target non-protein biomarkers in the tumor microenvironment**
Gomika Udugamasooriya, University of Houston, USA

12:10-12:40 **Title: NMR of glycans ON and OFF cells**
Darón I Freedberg, Center for Biological Evaluation & Research/FDA, USA

Lunch Break 12:40-13:40

13:40-14:40 **Workshop on "Mechanistic studies of the role of a conserved histidine in a mammalian polyamine oxidase"**
José R Tormos, St. Mary's University, USA

14:40-15:10 **Title: Molecular mechanisms of actin nucleation**
Qinghua Wang, Baylor College of Medicine, USA

15:10-15:40 **Title: Biologics are the future for the medical diagnostics and clinical treatment**
Moses Prabu, Middle Tennessee State University, USA

15:40-16:10 **Title: From discovering "calcium paradox" to Ca^{2+}/cAMP interaction: Impact in human health and disease**
Leandro Bueno Bergantin, UNIFESP-Escola Paulista de Medicina, Brazil

Networking & Refreshment Break 16:10-16:30

16:30-17:00 **Title: Comparative study of some lipid contents of selected fishes in Bayelsa state, Nigeria**
Chinyelu Madukosiri, Niger Delta University, Nigeria

17:00-17:30 **Title: Post-translational click-based labeling of unnatural amino acid-tagged ribosome-bound nascent polypeptide chains for high-throughput structural biophysics and single-molecule spectroscopy applications**
Kambiz M Hamadani, California State University, USA

17:30-18:00 **Title: Preparation and properties of sheets of reduced graphene oxide anchored with Nd-La doped $Sr_2CuMgFe_{28}O_{46}$ nanoparticles**
Paransa Alimard, Payame Noor University, Iran

Panel Discussions

Day 2 December 09, 2016

Texas B

Keynote Forum

10:00-10:40 **Title: Amino acid analysis used in industry**
Klaus D Linse, Biosynthesis Inc., USA

Sessions: Lipid Health and Nutrition | Xenobiotics and Endocrinology | Animal Biochemistry

Session Chair: Klaus D Linse, Biosynthesis Inc., USA

Session Introduction

10:40-11:10	**Title: Investigating the role of metal enzymes in biosynthesis of protein and fatty acids by application of trace elements** **Goli Mudlagiri B,** Mississippi Valley State University, USA

Networking & Refreshments 11:10-11:30

11:30-12:30	**Special Session on 'It's about the food: Tips, tricks and trends'** **Ken Botts,** Humane Society of the United States, USA
12:30-13:00	**Title: Calmodulin dependent protein kinase (CaMK) II activation by exercise regulates lipid metabolism in rat skeletal muscle** **Sandile Fuku,** North-West University, South Africa

Lunch Break 13:00-14:00

14:00-14:30	**Title: Biochemical study of enzymatic antioxidant for the impact of benzene pollution on Albino Swiss mice as a risk factor of acute leukemia** **Mufeed Jalil Ewadh,** University of Babylon, Iraq
14:30-15:00	**Title: The l-arginine/NO pathway, homoarginine, and nitrite-dependent renal carbonic anhydrase activity in young people with type 1 diabetes mellitus** **Christina Carmann,** University Children's Hospital Bochum, Germany
15:00-15:30	**Title: Effect of the polycyclic aromatic hydrocarbons exposure on sperm DNA in idiopathic male infertility** **EL-Hassan Mokhamer,** Damanhour University, Egypt
15:30-16:00	**Title: Anti-diabetic potential of *Sapium ellipticum* (Hochst) pax leaf extract in streptozotocin-induced diabetic wistar rats** **Osasenaga Macdonald Ighodaro,** Lead City University, Nigeria

Networking & Refreshments 16:00-16:20

16:20-16:50	**Title: Biochemical and immune parameters: Effects of Samsum ant venom on CCL4-treated male rats** **Mohammed S Al-Khalifa,** King Saud University, Saudi Arabia
16:50-17:20	**Title: Novel water-soluble silica precursor for silicateins** **Natalia V Povarova,** Shemyakin-Ovchinnikov Institute of Bioorganic Chemistry, Russia

Video Presentations

17:20-17:30	**Title: Making the most of amino acids in foods, their taste and function in the stomach** **San Gabriel A,** Ajinomoto Co., Japan
17:30-17:40	**Title: Electro-oxidation of amino acids in *Parkia speciosa* using a novel Ag_2O/CNT/ND-based electro-chemical biosensor** **Soraya Hosseini,** University of Malaya, Malaysia

Posters Presentation @ 17:40-18:00

BCC-01	**Title: Development of Dispersive Liquid-Liquid Microextraction (DLLME) for the determination of some estrogens in water** **Perihan Caglar,** Hacettepe University, Turkey
BCC-02	**Title: Crystallization of human polyamine oxidase** **Jared Selman,** St. Mary's University, USA
BCC-03	**Title: Functional nutritional assessment to the aortic stiffness and cardiac function in patients with low muscle mass** **Ha Cao Thi Thu,** Kansai Medical University, Japan
BCC-04	**Title: Oral glucose tolerance in diabetic male albino rats fed with a diet incorporated with vernonia amyggdalina leaves and treculia africana seeds at 20% and 30%** **Abaleke Innocent Onyedikachi,** Michael Okpara University of Agriculture, Nigeria

Award & Closing Ceremony