

11<sup>th</sup> International Conference and Exhibition on  
**Metabolomics & Systems Biology**

May 17-19, 2018 Tokyo, Japan

<https://www.metabolomicsconference.com/>

*Theme: Metabolomics: From Fundamentals to Clinical Applications*

# Invitation...

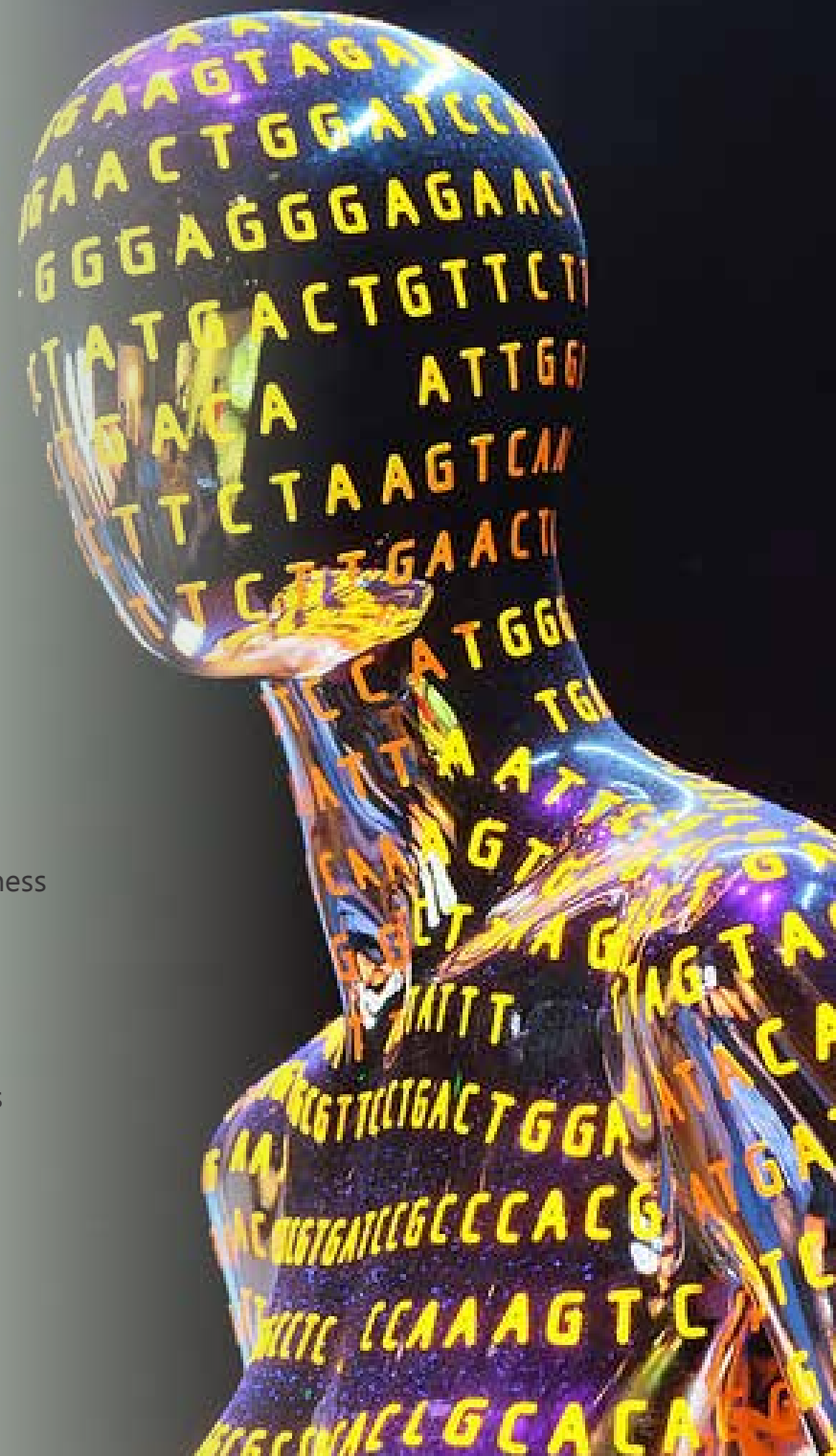
Dear Colleagues,

Conference Series llc LTD welcomes you to attend **11<sup>th</sup> International Conference and Exhibition on Metabolomics & Systems Biology** held during **May 17-19, 2018** Tokyo, Japan with the theme “**Metabolomics: From Fundamentals to Clinical Applications**”

This international meet (Metabolomics Congress 2018) anticipates hundreds of delegates including keynote speakers, Oral presentations by renowned speakers and poster presentations by students besides delegates around the world. This conference perhaps a giant event that creates an ideal platform to share expertise addressing current advancements involved in Metabolomics Congress 2018. It will be a wonderful opportunity for all the delegates as it provides an international networking opportunity to collaborate with the world class scientists.

## **METABOLOMICS CONGRESS 2018**

- Opportunity to attend the presentations delivered by eminent scientists and business professionals from all over the world.
- Selected contributions will be published in following reputed high impact factor Journals.
  - ☞ Journal of Metabolomics: Open access
  - ☞ International Journal of Journal of Computer Science & Systems Biology: Open Access



# Welcome Message

Dear Colleagues, Scientists and Friends,

I extend a warm welcome to all the participants of **11<sup>th</sup> International Conference and Exhibition on Metabolomics & Systems Biology, May 17-19, 2018, Tokyo, Japan**. I am excited for you to be privy to the latest research and advances in the rapidly expanding fields of metabolomics and systems biology, covering a wide variety of topics such as genomics, proteomics, lipodomics, chem- and bioinformatics, precision medicine, network biology, translational science, synthetic biology, and therapeutic discovery, to name but a few. I am hopeful that you will derive significant knowledge and insight from the scientific programme. I

encourage you all to get the most out of this conference by engaging constructively with all the speakers as well as with your fellow attendees, and also to enjoy the city of Tokyo and the graciousness of its residents.



Ram Samudrala, PhD  
**Professor and Chief, Division of Bioinformatics**  
**Department of Biomedical Informatics**  
**University at Buffalo**

# Organizing Committee Members



**Chiun Gung Juo**  
PharmaEssentia Corporation  
Taiwan



**Dr. Nawin C Mishra**  
University of South Carolina  
USA



**Prof. HariMisra**  
Bhabha Atomic Research Centre  
India



**Pier Paolo Piccaluga**  
Bologna University School of  
Medicine  
Italy



**Jaleel Kareem Ahmed**  
University of Babylon  
Iraq



**Vladimir Tolstikov**  
BERG  
USA



**Dr. Joseph FomusiNdisang**  
University of Saskatchewan  
College of Medicine  
Canada



**Dai Le**  
Emory University , Atlanta  
Georgia

# PREVIOUS KEYNOTE SPEAKERS



**Boris Zaslavsky**  
Cleveland Diagnostics , USA



**Timothy A Cross**  
Florida State University & National  
High Magnetic Field Lab, USA



**Alan J. Tackett**  
University of Arkansas for Medical  
Sciences ,USA



**Preeti Bais**  
Jackson Laboratory for Genomic  
Medicine, USA



**Henry M Sobell**  
University of Rochester, USA



**Petras Dzeja**  
Mayo Clinic, USA,



**Mukesh Verma**  
Program Director National  
Institutes of Health, USA



**Petra Fromme**  
Arizona State University, USA

# Conference Sessions:

All honorable authors, researchers, scientists and students are encouraged to contribute and help the shape of the conference through submissions of their posters & research abstracts. Also, high quality research contributions describing original and unpublished of conceptual, constructive, experimental or theoretical work in all areas of Cardiology and Healthcare are warmly invited for presentations at the conference. The conference memorial contributions of abstracts and posters that address themes & future aspects of the conference related sessions.

- Metabolomic Profiling
- Metabolomic Database
- Metabolomic Analysis
- Human Metabolomics
- Single Cell Metabolomics
- Mass Spectrometry based Metabolomics
- Urine Metabolomics
- Clinical Metabolomics & Lipidomics
- Cancer Therapeutic Approaches
- Plant & Environmental Metabolomics
- Metabolic Syndrome
- Metabolomics in Precision Medicine
- Food & Nutritional Metabolomics
- Frontiers of Metabolomics Research
- Metabolomic Devices
- Therapeutic Metabolomics
- Analytical Platforms in Metabolomics
- Transcriptomics & Metabolic pathways
- Data Analysis & Systems Biology
- Enhancing Analytical Approaches
- Metabolic Modelling

## **Important Dates:**

*Abstract submission opens: June 15, 2017*

*Registration opens: June 20, 2017*

*Early bird registration: November 28, 2017*

*On spot registration: May 16, 2018*

**Speaker Slots Available**

*NOTE: Program Schedule is subject to change with final allotment of the speaker slots*

# Program at Glance

## May 17, 2018

Time	Session
08:30-09:30	Registrations
09:30-11:30	Keynote Forum
	Group Photo
11:30-11:45	Network & Refreshments Break*
11:45-13:00	Sessions: Metabolomic Profiling   Metabolomic Database
13:00-13:45	Lunch Break**
13:45-16:00	Sessions: Metabolomic Analysis   Human Metabolomics
16:00-16:15	Network & Refreshments Break*
16:15-18:00	Sessions: Single Cell Metabolomics   Mass Spectrometry based Metabolomics

Day Concludes

## May 18, 2018

Time	Session
08:30-09:30	Registrations
09:30-10:30	Keynote Forum
10:30-11:30	Sessions: Urine Metabolomics   Clinical Metabolomics & Lipidomics
11:30-11:45	Network & Refreshments Break*
11:45-13:00	Cancer Therapeutic Approaches   Plant & Environmental Metabolomics
13:00-13:45	Lunch Break**
13:45-16:00	Sessions: Metabolic Syndrome   Metabolomics in Precision Medicine
16:00-16:15	Network & Refreshments Break*
16:15-18:00	Poster Presentations

Day Concludes

## May 19, 2018

Time	Session
09:30-11:30	Sessions: Food & Nutritional Metabolomics   Frontiers of Metabolomics Research   Data Analysis & Systems Biology
11:30-11:45	Network & Refreshments Break*
11:45-13:00	Sessions: Metabolomic Devices   Therapeutic Metabolomics   Enhancing Analytical Approaches
13:00-13:45	Lunch Break**
13:45-16:00	Sessions: Analytical Platforms in Metabolomics   Transcriptomics & Metabolic pathways   Metabolic Modelling
16:00-16:15	Network & Refreshments Break*

Award Ceremony  
Conferece Concludes

# Tentative Program

## Keynote Forums

Title: Effects of Natural Pigments on the Polyvinyl Alcohol Biopolymer

Jaleel Kareem Ahmed ,Professor-University of Babylon ,Iraq

Title: Science of omics:Perspectives and prospects for human health care

Nawin C Mishra:Associate Professor, University of South Carolina, USA

Title: To be updated soon

Takeshi Kimura, Vice President- Ajinomoto Co.,Inc, Japan

Title: Nutritional and epigenetic aspects of metabolic syndrome, and the search for metabolic pharmacotherapeutics

A.Vieira,Associate Professor,Simon Fraser University, Canada

## Scientific Sessions

Title: Longitudinal Multi-omics Profiling in Response to Exercise in Healthy and Prediabetic Individuals

Kevin Contrepois,Michael Snyder laboratory,United States

Title: Medical Application of Diamond like Carbon (DLC) Coating

ALI AL ANAZI , Assistant Professor,King Saud University

Title: Heme oxygenase is a novel strategy against cardio-renal complications in diabetic animals

Joseph F. Ndisang,University of Saskatchewan College of Medicine, Canada

Title: Biochemical approach to diagnose myocardial infarction

Anil Batta , Proffessor,Govt.Medical College,Amritsar

Title: To be updated

Hari Misra,Head,Bhabha Atomic Research Centre,Mumbai

Title: The Role of Trace and Ultratrace Elements in Pathogenesis of Pre-eclampsia

Nadia Alhili, Ibn-Hayyan University College , Iraq

Title: Differentiation of volatile organic metabolite (VOM) profiles in urine of testicular cancer patients before and after chemotherapy

Tanja Zivkovic Semren, University of Zagreb, Croatia

Title: Inhibitory S-nitrosylation of the deacetylase SIRT1 blocked EMT by Honokiol and inhibited gastric cancer peritoneal dissemination

Meei-Ling Sheu,Institute of Biomedical Sciences, National Chung

Title:A study of indications, complications of prosthetic valves and prognosis after treatment of stuck valve

Kavya Pingali ,Osmania General Hospital, India

Title:Inhibition of peroxidase by gastrointestinal tract medicines

Reyhaneh, University of Guilan, Rasht, Iran



# City Attractions



# Venue

Tokyo officially Tokyo Metropolis, is the capital of Japan and one of its 47 prefectures. The Greater Tokyo Area is the most populous metropolitan area in the world. It is the seat of the Emperor of Japan and the Japanese government. Tokyo is in the Kantō region on the southeastern side of the main island Honshu and includes the Izu Islands and Ogasawara Islands. Formerly known as Edo, it has been the de facto seat of government since 1603 when Shogun Tokugawa Ieyasu made the city his headquarters. It officially became the capital after Emperor Meiji moved his seat to the city from the old capital of Kyoto in 1868; at that time Edo was renamed Tokyo. Tokyo Metropolis was formed in 1943 from the merger of the former Tokyo Prefecture and the city of Tokyo.

Tokyo is often referred to as a city, but is officially known and governed as a “metropolitan prefecture”, which differs from and combines elements of a city and a prefecture, a characteristic unique to Tokyo. The Tokyo metropolitan government administers the 23 Special Wards of Tokyo (each governed as an individual city), which cover the area that was the City of Tokyo before it merged and became the metropolitan prefecture in 1943. The metropolitan government also administers 39 municipalities in the western part of the prefecture and the two outlying island chains. The population of the special wards is over 9 million people, with the total population of the prefecture exceeding 13 million. The prefecture is part of the world’s most populous metropolitan area with upwards of 37.8 million people and the world’s largest urban agglomeration economy. The city hosts 51 of the Fortune Global 500 companies, the highest number of any city in the world. Tokyo ranked third in the International Financial Centres Development IndexEdit. The city is also home to various television networks such as Fuji TV, Tokyo MX, TV Tokyo, TV Asahi, Nippon Television, NHK and the Tokyo Broadcasting System.



**Site:**  
**Radisson Hotel Narita**  
650-35 Nanae Tomisato-Shi  
Narita 286-0221 Tokyo, Japan

## Mail us to know more!

For Abstract Submission Guidelines | For Reserving your slot | Proposals | Registration Posters | Accommodations

No doubt you have lots of queries...

Why not get in touch..!

Drop us your query with details and we will call you right away

Email: [metabolomics@conferencesworld.org](mailto:metabolomics@conferencesworld.org), [metabolomics@annualcongress.net](mailto:metabolomics@annualcongress.net)