



International Conference on Genome Editing and Gene Therapy

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Conference

[Past Conference Report](#)

Genomics 2019

Genomics is a region within genetics that concerns the sequencing and examination of a creature's genome. Genomics additionally includes the investigation of intra-genomic procedures, for example, epistasis, heterosis, and pleiotropy and the interactions between the loci and alleles inside the genome. The fields of molecular biology and genetics are mostly concerned with investigation of role and function of the single genes, a noteworthy subject in today's biomedical research. By difference, genomics does not include single quality research unless the intention is to comprehend a solitary quality's belongings in setting of the whole genome.

Meetings International hosted **12th International Conference on Genomics & Molecular Biology** during **April 15-17, 2019** at **Berlin, Germany** based on the theme "*Analysing the Innovation & Future Trends in Genomics and Molecular Biology*".

Active participation and generous response was received from the Organizing Committee Members, scientists, researchers, as well as experts from Non-government organizations, and students from diverse groups who made this conference as one of the most successful and productive events in 2019 from **Meetings International**.

The conference was marked with several workshops, multiple sessions, Keynote presentations, panel discussions and Poster sessions. We received active participation from scientists, young and brilliant researchers, business delegates and talented student communities representing more than 35 countries, who have driven this event into the path of success. The conference was initiated with a warm welcome note by Honourable guests and the Keynote forum. The proceedings went

through interactive sessions and panel discussions headed by honorable Moderator **Dr. Mariom, The University of Tokyo, Japan** for the conference.

The conference proceedings were carried out through various Scientific-sessions and plenary lectures, of which the following Speakers were highlighted as **Keynote speakers**:

CpG Islands methylation alterations in cancer: Understanding the functional role of these security locks and their use as early tumour biomarkers: **Patrizia Zavattari, Cagliari University, Italy**

The centers of premeltons signal the beginning and ends of genes: **Henry M. Sobell, University of Rochester, USA**

Rapid assembly of multi-gene pathways and combinatorial libraries with semiconductor technologies: **Cedric Wu, GenScript USA Inc., USA**

Meetings International has taken the privilege of felicitating Genomics-2019 Organizing Committee, Keynote Speakers who supported for the success of this event. Conference Series llc LTD, on behalf of the Organizing Committee congratulates the Best Poster awardees for their outstanding performance in the field of Genomics & Molecular Biology and appreciates all the participants who put their efforts in poster presentations and sincerely wishes them success in future endeavours.

Poster Judging was done by: **Dr. Patrizia Zavattari, Cagliari University, Italy**

We are also obliged to various delegate experts, company representatives and other eminent personalities who supported the conference by facilitating active discussion forums. We sincerely thank the **Organizing Committee Members** for their gracious presence, support, and assistance towards the success of Genomics-2019.

With the unique feedback from the conference, Conference Series llc LTD would like to announce the commencement of the "**13th International Conference on Genomics & Molecular Biology**, during **May 25-26, 2020 at Rome, Italy**."

Scope and Importance

The Scope of the conference is to gather all the Doctors, Researchers, Business Delegates and Scientists to approach and deliver all the attendees about the latest scientific advancements on the respective sphere. This Genomics and Pharmacogenomics Conference is the premier event focusing on understanding individual and organizational behavior and decision-making related to genetics, genomics, molecular biology, biotechnology, pharmacy, medicine and academia.

The conference unites assets and expertise to scaffold Genomics and Pharmacogenomics to unveil noteworthy worldwide disclosures in Human Health. It gives an awesome stage to cover recent breakthroughs in Genetics, Pharmacogenomics, Bioinformatics, Plant Genomics, Biotechnology new genomic apparatuses and its partnered territories.

Market Analysis

The worldwide genomics market size is required to reach USD 27.6 billion by 2025, as indicated by another report by Grand View Research, Inc. The market is anticipated to extend at a CAGR of 9.1% over the gauge time frame. The previous decades have seen critical changes in sickness the board forms because of concurrent headways in genomics and customized drug. There has been a progressive development in the use of genomic thinks about in clinical practices, which is reflected by the rising pattern of focused treatments.

The Europe genome altering business sector is required to reach US\$ 3,421.1 Mn in 2025 from US\$ 1,052.9 Mn in 2017. The market is assessed to develop with a CAGR of 16.7% from 2018-2025.

A standout amongst the most significant components, which are probably going to significantly affect the market, is that how much and to what degree the restorative network will utilize accessible genomic data in customized medication. Moreover, diving cost of sequencing has empowered the entire genome sequencing at less cost. Researchers are joining the sequencing created information with diagnostics, which has demonstrated its adequacy in improving customized treatment scene.

Target Audience:

- Genomics and Pharmacogenomics Students
- Genomics and Pharmacogenomics Researchers
- Genomics and Pharmacogenomics Faculty
- Genomics Scientists
- Genomics Colleges

- Pharmacology Scientists
- Pharmacology Health Professionals
- Genetics Associations and Societies
- Geneticists
- Genetic Counselors
- Bio-pharmacists
- Business Entrepreneurs
- Training Institutes
- Software developing companies
- Data Management Companies

Conference highlights on

- Next generation sequencing and other techniques
- Trends in Genomics and Pharmacogenomics
- Personalized and Regenerative Medicine
- Plant Genomics and Molecular Pharming
- Gene Editing and Genetic Engineering
- Bioinformatics and Computational Biology
- Biomarkers and Microarrays
- Animal Genetics and Genomics
- Epigenomics and Epigenetics
- Cancer Genomics
- Functional Genomics
- Structural Genomics
- Microbial Genomics
- Clinical Genomics
- Genetic Disorders
- Genomic Instability
- Genomic Medicine
- Pharmacogenomics
- Comparative Genomics



· Nutrigenomics

The conference was initiated with a series of lectures delivered by both Honorable Guests and members of the Keynote forum .The list included:

- Clelia Rejane Antonio Bertoncini, University of São Paulo, Brazil
- Alex M Mawla, University of California, USA
- Iftikhar Qayum, Rehman Medical Institute, Pakistan
- Joanne D. Caguiat, Philippine Rice Research Institute, Philippines
- Leen Abu Safieh, King Fahad Medical City Research Cente,Saudi Arabia
- Isaac Adeyemi Adeleye, University of Lagos, Nigeria

Meetings International offers its heartfelt appreciation to Organizing Committee Members; adepts of field, various outside experts, company representatives and other eminent personalities who supported the conference by facilitating the discussion forums. Meetings International also took privilege to felicitate the Organizing Committee Members who supported this event.