Clinical Microbiology 2016 – Conference Announcement

We are glad to announce "**6th International conference on Genomics& Clinical Microbiology**" going to be held month of **January 17-18, 2016 at London, UK**. With a theme "*Analysing the Innovation & Future trends in Clinical Microbiology*". The Genomics and Clinical Microbiology course combines practical hands-on laboratory and bioinformatics work with faculty lectures by, and discussions with, leaders in this crucial, exciting, and expanding area.

The aim of **Clinical Microbiology 2016** is to promote quality research and real world impact by bringing cooperation among the Scientists, industrial heads, doctors and international communities to discuss the latest developments in the Microbial Pathogenesis Nosocomial Infections Epidemiology Parasitic Diseases Disease Diagnosis and Prevention Fungal Diseases.

The broad range of scientific disciplines to get, design, delivery, disposition of latest drugs and therapies. The scope of those gatherings is extended by remarking key regulatory areas like the Microbial Pathogenesis Nosocomial Infections Epidemiology Parasitic Diseases. This subject had a good scope and makes it possible for scientists to learn more about Microbiology and Genomics properties as well as cell differentiation from specialized types.

This meeting will focus in particular on the most current research related to the Genomics and Clinical Microbiology course combines practical hands-on laboratory and bioinformatics work with faculty lectures by, and discussions with, leaders in this crucial, exciting, and expanding area is to equip clinical scientists, specialist registrars, and consultants in infection disciplines with sufficient understanding of these areas to meet these challenges in the future. It will concentrate on the application of cutting edge molecular and genomic techniques that could be implemented today, and explore new approaches that will enter practice in the coming few years. With a variety of molecular techniques, and data interpretation using a variety of practical bioinformatics approaches.

Clinical microbiology and infections threating most of laboratories or hospital setups deal with the prevention, diagnosis and treatment of infectious diseases caused by four kinds of microorganisms i.e. bacteria, fungi, parasites and viruses. Medical microbiology can also be integrated as science of studying various clinical applications of microbes for the improvement of health. Microbiology diseases caused by pathogens that may be exogenous (acquired from an external source; environmental, animal or other people, e.g. Influenza) or endogenous (from normal flora e.g. candidiasis).In microbiology laboratory, culture is the primary method used for isolating infectious disease for study in the laboratory. Tissue or fluid samples are tested for the presence of a specific pathogen, which is determined by growth in a selective or differential medium. Microbiological diagnosis involves microbial culture, microscopy, biochemical tests and genotyping. Other less common techniques (such as X-rays, CAT scans, PET scans or NMR) are used to produce images of internal abnormalities resulting from the growth of an infectious agent. Infectious disease once has been diagnosed. Genomics is the examination of genomes, the whole course of action of genetic material inside a living thing. Genomics incorporates the sequencing and assessment of genomes. Genomics is furthermore stressed over the structure, limit, assessment, and headway of genomes. Rather than innate characteristics, which suggests the examination of individual characteristics and their parts in heritage, genomics uses high throughput DNA sequencing and bioinformatics to store up, and look at the limit and structure of entire genomes.

Supporting Journals

- Clinical Microbiology: Open Access
- Journal of Microbial and Biochemical Technology
- Journal of Medical Microbiology & Diagnosis