

Mehwish Noureen (D2)



## 11<sup>th</sup> AYRCOB & 28<sup>th</sup> International Conference on Genome Informatics GIW/BIOINFO 2017

Seoul Korea Oct 31<sup>st</sup> (Tue) –  
Nov 3<sup>rd</sup> (Fri), 2017



I attended two conferences AYRCOB (Oct 31<sup>st</sup>) and GIW (Oct 31<sup>st</sup> to Nov 3<sup>rd</sup>) in Korea. The Asian Young Researchers Conference on Computational and Omics Biology (AYRCOB) is a conference series for young researchers and students who are conducting their research in the fields of Computational, Omics and Systems Biology in Asia.



The Genome Informatics Workshop (GIW) is the longest running international bioinformatics conference, which has provided unique opportunities that bridge theory and experiments, academia and industry, and East and West. The scope includes detailed work which is devoted to the computational understanding of biological systems on a molecular basis.

I gave an oral presentation entitled “**Detection of region specific genome rearrangements in *Helicobacter pylori***” at AYRCOB. I presented the poster in the poster lightning session. Presentation were given by the students and professors from different universities. Although all the sessions were good but the most interesting part of AYRCOB was the session before the closing ceremony. In this session students asked the questions from the keynote speakers regarding their life as a researcher and how to build one’s research career. The researchers shared their



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experiences and gave useful advices to the students about how to pursue one's life as a good researcher.

On the same day opening ceremony of GIW was held. After the opening ceremony the key talk was given by Prof. Terry Gaarsterland (University of California San Diego, USA). This was



really an interesting talk. Her research is aimed to develop and apply methods to identify genes



and the impact of their genetic and evolutionary variation on regulation of transcription and on protein domain structure and function. Dr. Gaarsterland has extensive experience with microbial genome sequencing and annotation, use of RNA-seq data to identify genes in assembled genomes from novel organisms, software tools to detect horizontally transferred genes in microbes, the management and analysis of large next-generation high-throughput sequencing datasets, and the sequencing and analysis of marine microbial, eukaryotic, and human genomes.

On the other days presentations were given by the researchers from different countries. Key talks were presented by really good researchers. Poster session was also held. Another key talk that was interesting was given by Prof. Sean Mooney (University of Washington, USA). His area of research is on Big Data, bringing opportunities in Personalized Medicine and Population Health.



The really good thing about Seoul was that I was able to find the Halal restaurants. I enjoyed eating at those restaurants. My first experience to have Turkish cuisine was really amazing.



All the days spent in Seoul were really good experience. It was a good opportunity to interact with the researchers from different countries. It gave me confidence and broaden my approach towards the research.

