

NordGen Forest

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XVI International Congress on Molecular Plant-Microbe Interactions XVI IS-MPMI 2014
(6-10 JULY) RHODES, GREECE

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The XVI International Congress on Molecular Plant-Microbe Interactions was held in the island of Rhodes, Greece with attendance of almost 1200 participants from 55 countries around the globe.

At the conference, I had the opportunity to present my current research work in the scientific activity of poster presentation. I had presented the poster entitled “Variation in susceptibility of Scots pine clones to *Heterobasidion* infection: Transcriptional and chemical analysis” on Tuesday July 8th in the “ Poster Session 2“ which took place at the «Foyer of Jupiter Hall» of the Rodos Palace Hotel. The opportunity of sharing my work with other researcher had benefited me through exchanging ideas and suggestion of the new available tools for analysis of microarray data and the best efficient way of studying the transcriptome. I have got to know the free available platform (GenePattern: <http://www.broadinstitute.org/cancer/software/genepattern/>) which is a powerful genomic analysis platform for gene expression analysis.

The MPMI conference hosted one opening lecture, 32 plenary lectures, and 192 lectures for concurrent sessions. The program included topics related to microbial pathogenesis, signaling, plant immunity, symbiosis, effector biology, epigenetics, recognition of microbes, toxins and plant hormones, ecology and evolution, local and systemic resistance, biocontrol, large-scale omics, induced resistance/priming and

biotechnology which is indeed of big interest for me. Main research studies presented in the conference were conducted using model plants (Arabidopsis, tobacco and rice). As a researcher who investigate the tree pathogen interaction and a forest pathologist, an interesting plenary lecture presented by Prof. Francis Martin entitled 'The forest social network: deciphering the molecular language of mycorrhizal symbiosis' and many other concurrent lectures discussed the populous tree as a model for tree pathogen interaction were also of relevance and interest.

The large scales ~ omics approaches session together with the biotechnology and breeding concurrent sessions enlighten me for the methodology of conducting the investigation on my acquired Microarray data. I have met with high research calibre staff and for made personal and professional connections which will add a lot to my professional experience and knowledge. The conference in general posed the question of what and how the future of molecular plant-microbe interactions will be with the advancement of the scientific research tools.

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NordGen Forest_13/117/kbf/79	600
Total	1100
Expenses:	
Travel and accommodation- Finnmatkat package	685
Registration / Participation fee	350
Transportation	65
Total	1100

Conference Pictures



