



Access to Biolog Technology Initiative

Wednesday 12 November 2008

Veterinary Laboratories Agency – Weybridge, UK

Programme

- 10.00 Registration with Coffee
- 10.20 Martin Woodward (VLA) : welcome
- 10.30 Nick Brain (Technopath representing Biolog)
Introducing the Biolog Technology
- 10.50 Carol Iverson (UCDublin)
Pathoadaptation of Cronobacter as detected in the array.
- 11.05 Jon Hobman (Nottingham):
Phenotypic and Genotypic differences between pathogenic and laboratory Escherichia coli strains
- 11.35 Sheamus Fanning (UCDublin) :
Fitness costs and stability of a high-level ciprofloxacin resistance phenotype in *Salmonella* Enteritidis
- 11.55 Mark Saunders (VLA)
The detection of differences in the utilisation of glyoxylate and 2-Carbon compounds in *Salmonella* Typhimurium
- 12.10 Patrick Suthers (Penn State USA)
Using phenotypic data to construct and curate genome-scale models
- 12.40* Lunch and Poster Viewing
- 13.30 Bhagwati Upadhyay (VLA): Metabolomics of slow-growing Mycobacterium tuberculosis and Mycobacterium bovis strains using phenotype microarray technology

- 13.45 Gail Preston (Oxford)
Integrating PM technology with in situ and in silico analyses of microbial activities
- 14.15 John Greenman (UWE):
Use of Biolog for studying oral communities
- 14.35 Robin Thorn (UWE)
Effects of microbial growth rate on inhibitory effects of antimicrobial compounds using Biolog MicroArray Chemical Sensitivity Plates
- 14.45 Julian Marchesi (Cardiff)
The gut microbiota as a virtual organ and novel approaches to understand it
- 15.15 Manal Abu Oun (VLA):
Development of phenotype microarrays for the characterisation of a porcine cell line.
- 15.30 Sam Walker (Campden BRI)
Identification and characterization of brewers yeast using phenotype microarrays
- 15.45* Martin Woodward (VLA) : closing remarks
Tea
Informal discussions and depart