

**30th Joint Meeting
of Aberystwyth and Cardiff Microbiologists
at GREGYNOG**

Wednesday 20th March - Friday 22nd March, 2002

SCIENTIFIC PROGRAMME

Wednesday 20th March

- 16.00 Tea
19.00 Dinner
20.00 Quiz (Our hosts for the evening will be Hywel Griffiths and Roy Goodacre)

Thursday 21st March

- 09.00 (30m) **Leighton Pritchard (Aber)**: Assessing SID: Protein Function and Protein Structure
09.30 (25m) **David Ellis (Aber)**: Rapid and quantitative detection of the microbial spoilage of meat using FT-IR spectroscopy and machine learning.
09.55 (25m) **Laurienne Tibbles (Cardiff)**: Attraction of pest flies during cultivation of *Agaricus bisporus*
10.20 (25m) **Seetharaman Vaidanathan (Aber)**: Of mass and microbes - soft ionisation mass spectrometry of whole cells
10.45 (15m) **Arthur Branney (Cardiff)**: Interspecific interactions between saprotrophic basidiomycetes: effects on gene expression and enzyme activity
11.00 Coffee
11.30 (30m) **David Lloyd (Cardiff)**: Oscillations in Yeast
12.00 (30m) **Angharad Davies (Aber/ UCH, London)**: An outbreak of isoniazid-resistant TB in London
12.30 (30m) **Deborah Miller (Cardiff)**: Bacteriocin production and resistance in Rhizobia
13.00 Lunch
14.00 *Ornithological/Mycological Walkabout & Football etc.*
16.00 Tea
16.30 **Guest speaker : Dr. Andrew Whiteley (CEH, Oxford)**
Microbial Diversity and Function: Molecular and Biogeochemical Approaches
19.00 Dinner
20.00 **Julian Wimpenny (Cardiff)**: Photography in Painting

Friday 22nd March

- 09.00 (25m) **Elizabeth Wilberforce (Aber)**: Agricultural management affects communities of root-colonising fungi in temperate grasslands
09.25 (25m) **Adam Baldwin (Cardiff)**: Pathogenic role of the *Burkholderia cepacia* epidemic strain marker during infection.
09.50 (25m) **Charles Twist (Aber)**: Single molecule fluorescence: presentation and some applications
10.15 (25m) **Rachel Dodds (Cardiff)**: Molecular biology of dehalogenase genes.
10.40 (20m) **Yankuba Kassama (Aber)**: Use of AFLPs for the typing of *Mycobacterium tuberculosis*
11.00 Coffee
11.30 (30m) **Emma Rees (Cardiff)**: Isolation and characterisation of tuclosan and chorhexidine sensitive mutants of *Burkholderia cepacia* KS6-2
12.00 (20m) **Chris Finon (Aber)**: Are there wake up factors in *Streptomyces coelicolor*?