

**31st Joint Meeting
of Aberystwyth and Cardiff Microbiologists
at Gregynog
Monday 24th March - Wednesday 26th March 2003**

(This year we are pleased to welcome, for the first time, colleagues from Bangor and Swansea, and we hope that this is the first stage in the evolution of this meeting into an all-Wales event)

MONDAY 24TH MARCH

- 16.00 Arrive in time for tea in the Blaney Room.
- 19.00 Dinner
- 20.00 Quiz. An ice-breaker hosted by Hazel Davey and Dave Broahurst
- 21.00 Exploration of the bar habitats

TUESDAY 25TH MARCH

- 09.30 (30 min) **Katey Lemar: (Cardiff):** Cell death in human pathogens
- 10.00 (15 min) **Angharad Davies (Aber/ UCH, London):** An outbreak of isoniazid-resistant TB in London
- 10.15 (30 min) **Julian Wimpenny (Cardiff):** Life at the Limits
- 11.00 Coffee
- 11.30 (30 min) **Paul Dyson (Swansea):** Global mutagenesis of *Streptomyces coelicolor*
- 12.00 (30 min) **Adriana Ravagnani (Aber):** Autocrine control of starvation stress in *Bacillus subtilis*
- 12.30 (15 min) **Ricardo Del Sol (Bangor):** Coordination of reproductive growth in *Streptomyces coelicolor* and *Streptomyces avermitilis* by a conditionally expressed gene, *crgA*
- 1.00 Lunch
- 14.00 *Ornithological/mycological walkabout/football/free time.*
- 16.00 Tea
- 16.30 **Guest speaker: Prof. Chris Franklin (Univ Birmingham)**
Plants play the mating game: the molecular basis of self-incompatibility
- 19.00 Dinner
- 20.00 To be arranged
- 21.00 Sampling expedition to the bar

WEDNESDAY 26TH MARCH

- 09.00 (30 min) **Leighton Pritchard (Aber):** Palindromic genome sequences
- 09.30 (30 min) **Rhienallt Jones (Bangor):** Site directed mutagenesis of the Acinetobacter sp. ADP1 areCBA promoter by Marker Exchange Eviction of a sacB-Km cassette.
- 10.00 (15 min) **Amy Bishop (Swansea):** Signals, regulatory cascades and osmoadaptation in Streptomyces coelicolor
- 10.15 (30 min) **David Lloyd (Cardiff):** Oscillations in Yeast
- 11.00 Coffee
- 11.30 (30 min) **Wei Huang (Aber):** FT-IR analysis of microbial populations in wormcasts (title to be confirmed)
- 12.00 (30 min) **Gwang Tae Kim (Cardiff):** The Biodiversity of a microbial fuel cell biofilm
- 12.30 (30 min) **Roger Jarvis (Aber):** Raman spectroscopic techniques for the rapid discrimination of bacteria
- 13.00 Lunch
- 14.00 Depart