

SCHOOL OF PURE AND APPLIED BIOLOGY

The Nineteenth Joint Meeting of Cardiff and Aberystwyth Microbiologists, February 1990

PROGRAMME

Wednesday, 28th February

8.00 p.m. Dr. John Hedger
All in a tangle with Amazonian toadstools

Thursday, 1st March

9.30 a.m. Jeffrey Vest (UWCC-UG)
The growth of microorganisms in oxygen gradients

9.45 a.m. Simon Marcelli (UWCC-UG)
The degradation of proteoglycans by *Escherichia coli*

10.00 a.m. Eddie Tidswell (Aber-PG)
Second generation chiral reductions

10.30 a.m. Coffee

11.00 a.m. Jonathan Griffiths (UWCC-PG)
Multidimensional microbiology

11.30 a.m. Walter Penaloza and Chris Davey (Aber-PG)
Measuring biomass accretion in solid substrate fermentation (Tempe)

12.00 noon Gary Slater (Aber-PG)
Immobilized cells

12.30 p.m. Lunch

2.00 p.m. On the nature trail with one or more of Al Venables ...!

4.00 p.m. Professor Robert Poole (Department of Biosphere Sciences, King's College, London)
Microbial respiration from Keilin to cloning and back

8.00 p.m. Julian Wimpenny (UWCC-Staff)
Neural networks and biology - the natural history of a grant application.

Friday, 2nd March

9.30 a.m. Al Venables (UWCC-Staff)
Physical characteristics of plasmids in a morpholine degrading mycobacterium

10.30 a.m. Coffee

11.00 a.m. Chris Davey and Gerard Mark (Aber-PG)
Breaking Euclid's monopoly - some ideas on the application in biology of geometry in non-integer (FRACTAL) dimensions.

12.00 noon Angus Thompson (Aber-PD)
The strange case of *Clostridium tyrobutylicum*