Frontiers in Fungal Biology

Microbiology Department
Applied and Experimental Biology Division

December 6-10, 2009
Ensenada, B.C., Mexico
GALLERY OF INVITED SYMPOSIUM SPEAKERS
Edward O Wilson (Harvard)

BBC Radio 4: Leading Edge. 26th November

- Two types of biological science:
  - Problem Solvers
  - Naturalists

- For every problem in biology, there is an organism that is ideally suited to solving it.

- Naturalists define the problem, while the problem solvers solve it.

- "Coming to the end of a reductionism. Bad old days of molecular hegemony are over - we now entering an era of interaction and collaboration."
11:00  SYMPOSIUM: MORPHOGENESIS & CELL BIOLOGY
CHAIRS: MERITXELL RIQUELME & TERRY HILL

11:05  Michelle Momany, University of Georgia, USA,
Septins: cytoskeletal scaffolds that direct morphogenesis

11:35  Oded Yarden, Hebrew University Jerusalem, ISRAEL,
Cell elongation and branching are regulated by differential
phosphorylation states of the NDR kinase COT1 in Neurospora
crassa

12:05  Vera Meyer, Leiden University, NETHERLANDS,
Chasing regulatory networks involved in polar growth control of
Aspergillus. Niger

12:35  Barry Bowman, University of California, Santa Cruz, USA,
Structure and distribution of organelles and the cellular location
of calcium transporters in Neurospora crassa

13:05  Peter Phillipsen, University of Basel, SWITZERLAND,
Control of polar growth and nuclear migration in fungal
hyphae: lessons learned from Ashbya gossypii.
AspB-GFP localizes to conidiophores
Cell elongation and branching are regulated by differential phosphorylation states of the NDR Kinase COT1 in Neurospora crassa.

Diet Yanai

Dept. of Plant Pathology and Microbiology
The Robert H. Smith Faculty of Agriculture, Food and Environment
The Hebrew University of Jerusalem
Where is calcium in the cell? How does it get there?
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