

a showcase of

Systems Biology

Society for Endocrinology BES 2010

Manchester Central Convention Centre, 18 March, 10:00am – 12:00 noon

Come to the Society for Endocrinology's free session on 18 March and find out how Systems Biology can revolutionise your research and how you might access considerable funding for your projects.

The session is to be chaired by Professor Julia Buckingham (Imperial College London), and has an array of speakers from both academia and the funding community.



WHAT IS SYSTEMS BIOLOGY?

The molecular era has favoured a reductionist approach with the functions of individual genes, proteins and other molecules in the cell being studied in isolation from their interacting partners. This approach has taught us much about individual biological molecules, but has provided only limited insight to a whole biological phenomenon - the system behaviour of a specific set of interacting molecules in the cell, a tissue or a whole organism.

Systems biology uses methods from the quantitative sciences including computational biology, computational chemistry, mathematics, physics, computer science and engineering to advance understanding of these complex behaviours.

WHAT DO I DO?

Please email conferences@endocrinology.org to register your interest, with a contact name, name of a society of which you are a member and your place of work.

Society for Endocrinology, 22 Apex Court,
Woodlands, Bradley Stoke Bristol BS32 4JT. UK
Society for Endocrinology (limited by guarantee)
Reg. in England no. 349408 Reg. Charity no. 266813

PROGRAMME:

Systems Biology – an overview
(BBSRC strategy & funding streams)
C Miles (BBSRC)

How a mathematician can revolutionise your research
M White (Liverpool)

Mathematical modelling and endocrine research
J Davis (Manchester)

Applications of systems biology for the endocrinologist
A Vidal-Puig (Cambridge)

Systems Biology: A funder's perspective
T Foulkes (MRC)

IN ASSOCIATION WITH THE

Journal of
Endocrinology