

BRITISH SOCIETY FOR DEVELOPMENTAL BIOLOGY

Symposium No. 5

DEVELOPMENT IN THE NERVOUS SYSTEM

UNIVERSITY OF SOUTHAMPTON
9th–11th September, 1980

Participants:

W.M. COWAN (St. Louis) C. BLAKEMORE (Oxford) C. SOTELO (Paris)
A. BJÖRKLUND (Lund) M.C. RAFF (London) A. WARNER (London)
N.M. Le DOURIN (Nogent-sur-Marne) C-O JACOBSON (Uppsala)
R.M. GAZE (London) J.D. FELDMAN (London) J. SCHOLÉS (London)
L. LANDMESSER (Yale) D. PURVES (St. Louis) J. deF. WEBSTER (NIH)
W. BLAKEMORE (Cambridge) J. BROCKES (Cal Tech) R. HORVITZ (MIT)
L.Y. JAN (San Francisco) S.C. LANDIS (Harvard) D. BROOM (Reading)
I. STEEL-RUSSEL (London)

Further Details and Booking Forms from:

Dr. D.R. Garrod, C.R.C. Medical Oncology Unit, Centre Block, Southampton General Hospital,
Southampton, SO9 4XY, England.

BRITISH SOCIETY FOR DEVELOPMENTAL BIOLOGY SYMPOSIUM
'DEVELOPMENT IN THE NERVOUS SYSTEM'

University of Southampton, 9th - 11th. September, 1980.

Tuesday, 9th. September

Session 1: Introduction: Organisation of the nervous system during development.

Chairman: W.M. COWAN. (St. Louis)

- 9.00. W.M. COWAN. "Organisation of the developing nervous system"
- 9.45. M.J. KEATING (London). "Organisation of the developing visual system".
- 10.30. Coffee
- 11.00. C. SOTELO (Paris). "Development of synaptic connections in genetic and experimentally induced cerebellar malformations."
- 11.45. A. BJÖRKLUND and R.H. SCHMIDT (Lund). "The ontogeny of catecholamine neuron systems."
- 12.30. Lunch

Session 2: Commitment and differentiation in the developing nervous system.

Chairman: M.C. RAFF (London).

- 2.00. S.C. LANDIS (Harvard). "Environmental influences on the development of cultured sympathetic neurones."
- 2.45. A. WARNER (London). "The early development of the nervous system."
- 3.30. Tea
- 4.00. N.M. Le DOUARIN (Nogent-sur-Marne). "Studies on the development of the neural crest."
- 4.45. C-O JACOBSON (Uppsala). "Formation of cranial nerve roots in the amphibian embryo."

Wednesday, 10th September.

Session 3: Selective neuronal connections.

Chairman: R.M. GAZE (London)

- 9.00. J.D. FELDMAN (London). "Variations on a theme
by R.W. Sperry."
- 9.45. J. SCHOLLES (London). "The morphogenesis of lower
vertebrate visual projections."
- 10.30. Coffee
- 11.00. L. LANDMESSER and C. LANCE JONES (Yale)
"The formation of specific connectivity patterns
by chick lumbosacral motoneurons."
- 11.45. D. PURVES and J. LICHTMAN (St. Louis). "The
selective innervation of autonomic ganglion cells."
- 12.30. Annual General Meeting of British Society for
Developmental Biology.
- 1.00. Lunch
- 2.00. Poster Session and Trade Exhibition.
- 3.30. Visit to Broadlands departs from Conference Venue.
- 6.45. Bar opens in Senior Common Room
- 7.30. Conference Dinner.

Thursday, 11th. September

Session 4: Glia in the developing nervous system.

Chairman: D.R. GARROD (Southampton).

- 9.00. J. deF. WEBSTER (NIH). "Myelin forming glial cells : morphological and immunocytochemical observations."
- 9.45. M.C. RAFF (London). "The development and properties of glial cells in culture."
- 10.30. Coffee
- 11.00. W. BLAKEMORE (Cambridge). "Observations on myelination and remyelination."
- 11.45. J. BROCKES (CalTech). "The Schwann cell and its interactions in the peripheral nervous system".
- 12.30. Lunch

Session 5: Behaviour and development

Chairman: M.J. KEATING (London).

- 2.00. R. HORVITZ (MIT). "Neuronal cell lineages in a nematode."
- 2.45. L.Y. JAN (San Francisco). "Mutations of the synapse in Drosophila."
- 3.00. Tea
- 4.00. D. BROOM (Reading). "Behavioural plasticity in developing animals."
- 4.45. I. STEEL-RUSSEL (London). "Brain, behaviour and evolution."
- 5.30. Conference Ends.

BSDB - Symposium - September 1980

Information - please bring to meeting

1. Accommodation will be at Glen Eyre Hall, a ten minute walk from the Conference Venue.
2. Meals. Breakfast and Dinner at Glen Eyre. Lunch on the main University site.
3. Conference Dinner will be held in the Senior Common Room of the University. The price includes wine. For those not wishing to attend, alternative arrangements have been made at Glen Eyre.
4. Visit to Broadlands. A visit to the Mountbatton Estate has been arranged for Wednesday afternoon. Tea will be available at the Conference Centre for those remaining at the University.
5. Car Parking. Ample space is available at Glen Eyre.
6. Addresses.

Accommodation

Glen Eyre Hall,
Glen Eyre Road,
Southampton.

Scientific
Sessions

Medical and Biological Sciences Building,
University of Southampton.
Bassett Crescent East,
Southampton SO9 3TU

Telephone

Southampton 559122 (0703)

BRITISH SOCIETY FOR DEVELOPMENTAL BIOLOGY

SYMPOSIUM ON DEVELOPMENT IN THE NERVOUS SYSTEM

University of Southampton, 9 - 11th. September, 1980

NAME ADDRESS
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BSDB Member Non-Member Membership applied for

		<u>Cost</u>	<u>Tick if required</u>
<u>Monday, 8th September</u>	Afternoon Tea on arrival	50p
	Dinner	£3.40p	.....
	Bed and Breakfast	£8.50p	.....
<u>Tuesday, 9th September</u>	Lunch	£2.00p	.....
	Dinner	£3.40p	.....
	Bed and Breakfast	£8.50p	.....
<u>Wednesday, 10th September</u>	Lunch	£2.00p	.....
	Visit to Broadlands	£2.50p	.....
	Conference Dinner	£8.75p	.....
	<u>OR</u>		
	Dinner at Glen Eyre	£3.40p	.....
	Bed and Breakfast	£8.50p	.....
<u>Thursday, 11th September</u>	Lunch	£2.00p	.....
	Bed and Breakfast	£8.50p	.....
REGISTRATION FEE for Non-Members of B.S.D.B.		£10.00p	.....
Coffee and Tea is included		Total Cost	<u>.....</u>

Please indicate any special requirements

The completed form should be returned not later than Thursday, 31st July 1980

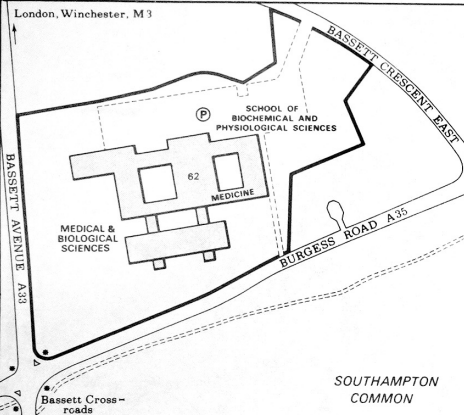
To: Dr. D.R. Garrod,
 Medical Oncology Unit, Centre Block,
 Southampton General Hospital, Tremona Road,
 Southampton, SO9 4XY, England.
 Telephone Southampton 777222 Ext. 4297.

Cheques should be made payable to :
 Dr. D.R. Garrod - Conference Account.

If you require an acknowledgement, please print your
 name and address clearly in this box.

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London, Winchester, M3



SOUTHAMPTON
COMMON

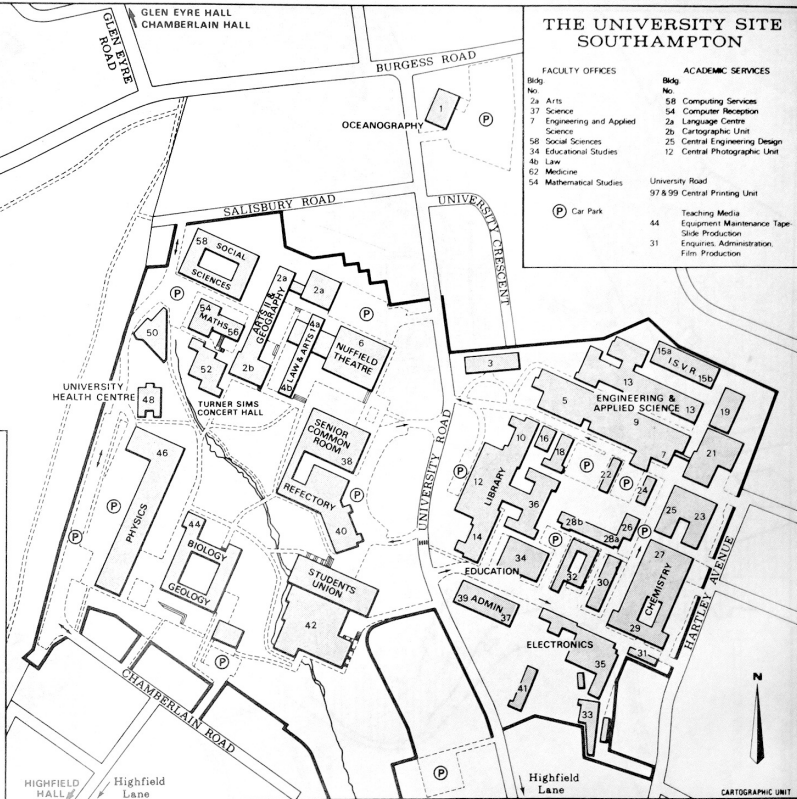
UNIVERSITY BUILDING NUMBERS

- | | |
|---|--|
| 1 Oceanography | 30 Chemical Physics |
| 2a Arts II | 31 Goods Delivery Reception Centre |
| 2b Geography | 32 Terrapin I |
| 3 George Moore Laboratories | 33 Maintenance Depot |
| 4a Arts I | 34 Education |
| 4b Law | 35 Zepher Building |
| 5 Eustice Building (Engineering) | 36 Gurney Dixon Building (Access Via 12) |
| 6 Nuffield Theatre | 37 Administration |
| 7 Lanchester Building (Engineering) | 38 Senior Common Room and John Arlott Room |
| 9 Workshops (Engineering) | 39 Bookshop |
| 10 Library (Goods Entrance) / Maintenance Control Centre | 40 West Building and Old Refectory |
| 12 (Enquiries) (General) | 41 Clarkson House |
| (Library (Main Entrance)) | 42 Students Union and New Refectory |
| 13 Tizard Building (Engineering) | 44 Biology and Geology |
| 14 (Accommodation Office) | 45 Physics |
| (Data Processing Unit) | 46 University Health Centre |
| (Adult Education Rooms 7.31, 33 and 39) | 50 |
| 15a Wolfson Building | 52 Turner Sims Concert Hall |
| 15b Rayleigh Building (Engineering) | 54 Mathematics and Computing Services |
| 16 Engineering : Education | 58 Murray Building (Social Sciences and Computing Service) |
| 18 Education | 62 Medicine, Physiology and Biochemistry, Biology |
| 19 Wellcome Animal House | |
| 21 Faraday Building (Engineering) | |
| 22 White Building (Engineering) | |
| 23 Electrochemistry and Physical Chemistry | |
| 24 Terrapin II (Engineering) | |
| 25 Science and Technology Forum : Engineering : Education | |
| 26 Adult Education | |
| 27 Chemistry (Access Via 29) | |
| 28a Engineering | |
| 28b Adult Education | |
| 29 Chemistry | |

100 0 200 feet

HIGHFIELD HALL Highfield Lane

GLEN EYRE HALL
CHAMBERLAIN HALL



THE UNIVERSITY SITE SOUTHAMPTON

FACULTY OFFICES

- Bldg No.
- 2a Arts
 - 37 Science
 - 7 Engineering and Applied Science
 - 58 Social Sciences
 - 34 Educational Studies
 - 4b Law
 - 62 Medicine
 - 54 Mathematical Studies

ACADEMIC SERVICES

- Bldg No.
- 58 Computing Services
 - 54 Computer Reception
 - 2a Language Centre
 - 2b Cartographic Unit
 - 25 Central Engineering Design
 - 12 Central Photographic Unit

University Road
97/99 Central Printing Unit

(P) Car Park

- Teaching Media
44 Equipment Maintenance Tape-Slide Production
31 Enquiries, Administration, Film Production

CARTOGRAPHIC UNIT

CHILWORTH MANOR
(Turn left at the
Clump Inn)

A27 Romsey

A33 London and the North

M27 (West) & M3

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