

BRITISH SOCIETY FOR DEVELOPMENTAL BIOLOGY
UNIVERSITY OF EDINBURGH, 9-11 SEPTEMBER, 1981

Organisers: J.B.L. Bard, M. Bownes and J. Horton.

Local Secretary: Dr. J.B.L. Bard
MRC Unit
Western General Hospital
Crewe Road
Edinburgh EH4 2XU
(031-332-2471)

The Meeting

The Meeting will be held in the William Robertson Building in the George Square complex of Edinburgh University.

Accommodation will be in the Pollock Halls of Residence some 15 minutes walk away (see map).

Registration

Resident Participants should register for the Meeting when they check into St. Leonard's House at the Pollock Halls (until 11.00 p.m.). Non-resident Participants may register at the William Robertson Building once the Conference has started.

Meals

All breakfasts (7.30-9.00 a.m.) and dinners (6.00-7.00 p.m.), other than the Conference Dinner, will be at the Pollock Halls where meals are served 'cafeteria-style'.

The Conference Dinner (10th September) will be at the Dragon Pearl Chinese Restaurant and will be a cantonese banquet. (Numbers will be restricted to about 90 as this is all that the restaurant holds, and places will be allocated in order of application).

Lunches will be available on a cash basis at the Student Refectory.

On the evening of Tuesday 8th September we hope to have a private bar at the Pollock Halls and details will be available when participants check in.

Poster Session and Trade Exhibition

This will take place from 7.30 - 10.00 p.m. on Wednesday 9th September at the William Robertson Building. Free refreshments will be provided. Members are encouraged to present their work in poster form and sellotape, pins etc. will be provided. Posters should be put up as early as possible on 9th September and be removed by lunchtime on the 11th.

Car Parking

There is limited car parking at Pollock Halls and cars may only be parked in the white numbered spaces.

There is some (currently) free parking in George Square.

/Transport

Transport within Edinburgh

The easiest way to get from Waverley Railway Station and Air Terminal to the Pollock Halls is by taxi but there are fairly frequent buses from Princes Street (21,33) and the South Bridge (14,21,33) to the Pollock Halls (see map).

Taxi phone numbers are 031-229-1211 (City Cabs)
031-229-5221 (Central Radio Cabs)

General Facilities

At the Pollock Halls, there is a bar, shop, newspaper stall, bank, squash courts and washing machines.

At the Student Centre, there is a large canteen, a travel agent and a general shop.

Restaurants in Edinburgh

Henderson's, Hanover Street, vegetarian (superb, cafeteria) £3.00.

Two areas where there are several restaurants: Rose Street, at the back of Princes Street and at Forrest Road near the University (see map).

Conference Address

Participants who wish to have mail sent to them should give the following address:

British Society for Developmental Biology
Pollock Halls of Residence
18 Holyrood Park
EDINBURGH EH16 5AY (031-667-1691)

Support for this Meeting is gratefully acknowledged from:

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BRITISH SOCIETY FOR DEVELOPMENTAL BIOLOGY

EDINBURGH UNIVERSITY

9-11th SEPTEMBER, 1981

9th September

MOLECULAR CHANGES IN DEVELOPING SYSTEMS

Chairman: D. Finnegan

- 9.15-9.55 C. Clarke (E. Anglia)
Development and morphogenesis in Myxobacteria.
- 9.55-10.35 J. Cordingly (Cambridge)
Trypanosomes*
- 10.35-11.00 Coffee
- 11.00-11.40 J. Williams (London)
Slime moulds*
- 11.40-12.10 J. Knowland (Cambridge)
Transcription and translation of vitellogenesis genes
in Xenopus laevis.
- 12.10-1.00 R. Clayton (Edinburgh)
The regulation of gene expression in the lens cell.

DEVELOPMENTAL GENETICS OF DROSOPHILA

Chairman: M. Bownes

- 2.00-2.30 R. Whittle (Sussex)
Developmental mutants*
- 2.30-3.00 W. Bender (Boston)
Cloning bithorax genes*
- 3.00-3.30 J. Karlsson (Oxford)
Compartments and homeotic genes.
- 3.30-4.00 Tea
- 4.00-4.30 P. Lawrence (Cambridge)
Cell lineage in Drosophila development
- 4.30-5.30 Discussion of the various methods of approaching
Drosophila development.
- 6.00-7.00 Dinner

10th September

CELLULAR BASIS OF ORGANOGENESIS

Chairman: M. Snow

- 9.15-9.45 A. Durston, C. Weiger and S. Matsukuma (Utrecht)
Cell interactions underlying pattern formation in
D. discoideum.
- 9.45-10.15 C.C. Wylie (London)
Primordial germ cell migration and early gonad formation
in Xenopus.
- 10.15-10.45 D. Davidson (Edinburgh)
Temporal and spatial control of feather pattern
development.
- 10.45-11.15 Coffee

Chairman: J. Bard

- 11.15-11.45 L. Wolpert, P. Rooney, C. Archer and C. Tickle (London)
Directed dilation as a morphogenetic mechanism.
- 11.45-12.30 M. Benfield (California)
Remodeling of the epithelial basal lamina during
tissue interactions.
- 12.30-2.00 Lunch

Chairman: L. Wolpert

- 2.00-2.30 J. White (Cambridge)
The nervous system of C. Elegans.
- 2.30-3.00 M. Gaze and J. Fawcett (London)
Fibre order in the Xenopus optic nerve after quadrantic
grafts of embryonic retina.
- 3.00-3.30 D. Summerbell (London)
Limb innervation.
- 3.30-3.50 Tea

Chairman: C. Wylie

- 3.50-4.20 G. Morriss-Kay (Oxford)
Cellular aspects of growth and morphogenesis during
neurulation in the rat.
- 4.20-4.50 J. Bard and A. Ross (Edinburgh)
The formation of the ciliary body in the chick eye.
- 4.50-5.20 J. McLachlan (Oxford)
Origin of skeletal muscle cells in the embryonic
chick limb.
- 7.30 Conference Dinner.

DEVELOPMENTAL IMMUNOBIOLOGY

11th September

LYMPHOCYTE DIFFERENTIATION AND IMMUNE DEVELOPMENT IN BIRDS AND MAMMALS

Chairman: J.D. Horton

- 9.00-9.20 C.M. Oates (Edinburgh), C.L. Chen, S. Munchus and M.D. Cooper (Alabama)
Development of B lymphocytes in the chicken embryo: a fluorescent
microscope study using monoclonal and heterologous antisera.
- 9.20-9.40 R.K. Jordan and J.H. Robinson (Newcastle)
Mammalian T cell differentiation
- 9.40-10.00 M.A. Ritter (London)
The human thymus microenvironment and early T lymphocyte differentiation
- 10.00-10.20 J. Ansell, D. Robs and H.S. Micklem (Edinburgh)
Use of an X-linked enzyme marker in the study of ontogeny of the mouse
immune system
- 10.20-10.40 J.B. Solomon, A.P. Bautista, A.P. MacGowan, L.C. Min and A.C.D. Tomney
(Aberdeen)
Resistance to tubercular and susceptibility to malarial infections in
young rodents in relation to ontogeny of macrophage activation.
- 10.40-11.10 Coffee

HISTOCOMPATIBILITY SYSTEMS AND MHC RESTRICTION

Chairwoman: M.J. Manning

- 11.10-11.30 A.S.G. Curtis (Glasgow)
Cell interactions and MHC systems
- 11.30-12.00 L. DuPasquier (Basel)
To be announced
- 10.00-12.20 B.J. McKnight and R.D. Hurd (Essex)
Development of complement activity in Xenopus laevis
- 12.20-12.40 A.J.H. Gearing and J.J. Rimmer (Aston)
Regulatory factors in amphibian immunity
- 12.40-1.00 Discussion, including consideration of posters
- 1.00-2.00 Lunch

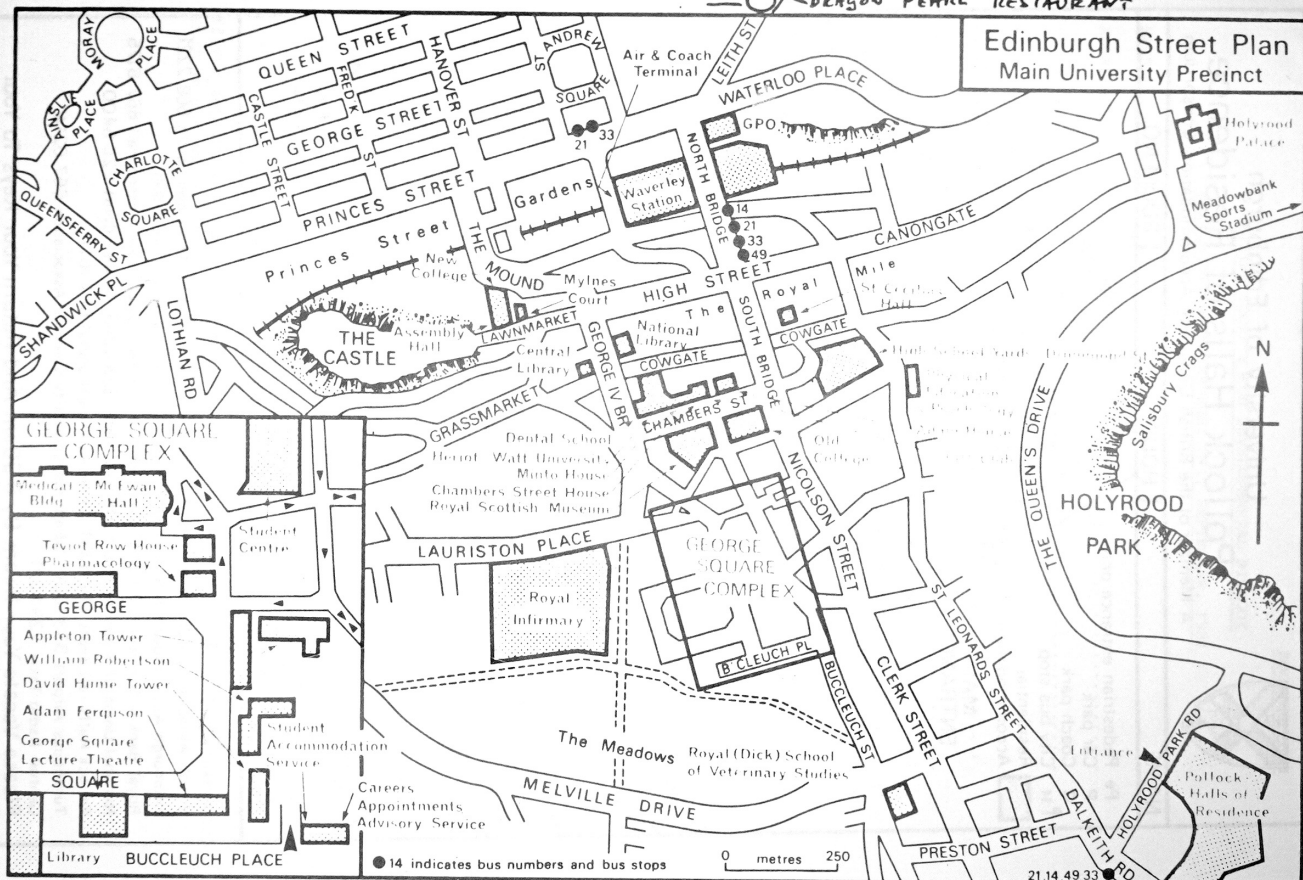
Chairman: J.J. Rimmer

- 2.00-2.20 M.J. Manning, G.M. Johari and M.P. Ruglys (Plymouth)
Immunological tolerance in fish and amphibians

- 2.20-2.40 K.R. Knowles, R.H. Clothier and M. Balls (Nottingham)
Skin graft responses in nitrosomethylurea-treated Xenopus laevis
- 2.40-3.00 H.S. James, R.H. Clothier and M. Balls (Nottingham)
An anti-hapten response in nitrosomethylurea-treated Xenopus laevis
- 3.00-3.20 J.D. Horton, F.A. Cribben (Durham) and L.D. Zettergren (Portland)
Emergence of cytoplasmic-immunoglobulin-positive cells following
in vitro LPS stimulation of Xenopus lymphocytes
- 3.20-3.40 E. Hsu and L. DuPasquier (Basel)
To be announced
- 3.40-4.00 Discussion, including consideration of posters
- 4.00 Tea

DRAGON PEARL RESTAURANT

Edinburgh Street Plan Main University Precinct



Drawn and printed by the Cartographic Unit, Department of Geography, University of Edinburgh



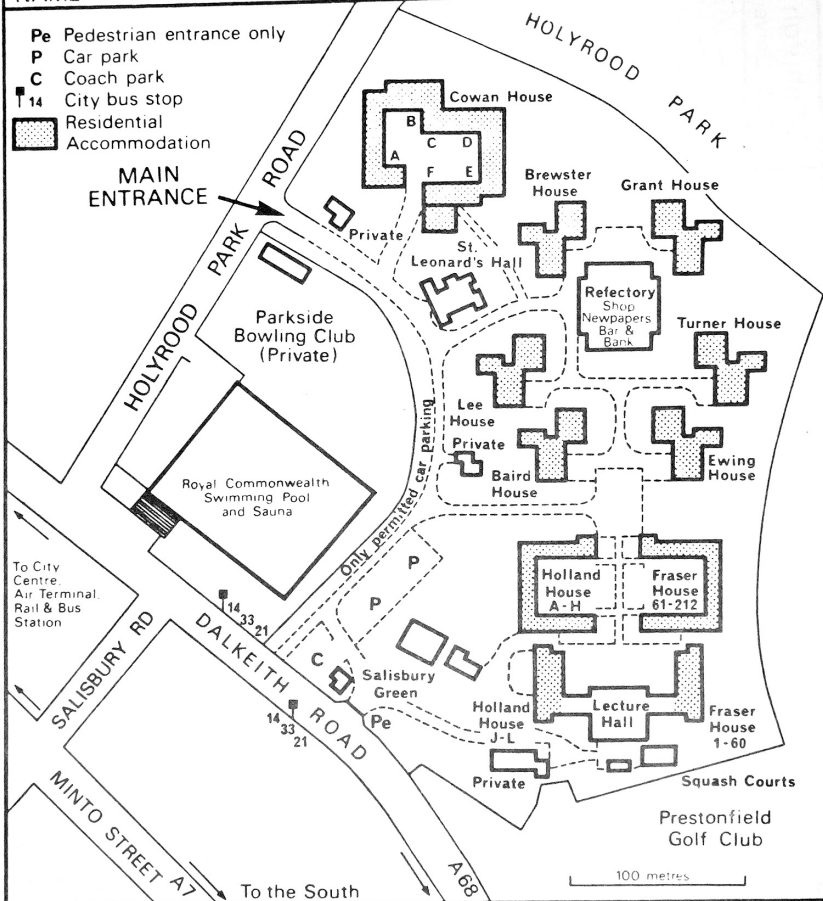
University of Edinburgh Pollock Halls of Residence

A Member of the British University Accommodation Consortium

NAME	HOUSE	ROOM NO.
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- Pe** Pedestrian entrance only
P Car park
C Coach park
T 14 City bus stop
 Residential Accommodation

**MAIN
ENTRANCE**



USEFUL TELEPHONE NUMBERS

British Airways 225 2525 British Rail 556 2451 Edinburgh Student Travel Centre 668 2221
 Edinburgh Accommodation Bureau 226 6591 Anglo World Travel 226 6305
 Royal Bank of Scotland 226 6061 Scottish Tourist Board 332 2433 Masson Hall 667 8175
 National Union of Students 556 6598 Muir Hall 225 4263 Mynes Court 225 8400
 Pollock Halls - all depts 667 4331 University (most depts) 667 1011
 Turnhouse Airport 333 1000 Edinburgh University Students Association 667 0214
 Central Radio Taxis 229 5221

Please Vacate Your Room By 9.30am And Return Your Keys To Your Group Organiser Or The Reception Centre

BRITISH SOCIETY FOR DEVELOPMENTAL BIOLOGYUNIVERSITY OF EDINBURGH, 9-11 SEPTEMBER, 1981

NAME..... TITLE.....

ADDRESS..... SEX.....

..... TELEPHONE NO.....

.....

B.S.D.B. MEMBER..... NON-MEMBER.....

SPECIAL REQUIREMENTS.....

COST, INCL. VAT IF APPLICABLE

Tuesday 8th Sept.	dinner	£2.75
	bed & breakfast	£8.75
Wednesday 9th Sept.	dinner	£2.75
	bed & breakfast	£8.75
Thursday 10th Sept.	conference dinner	£6.00
	alternative dinner	£2.75
	bed & breakfast	£8.75
Friday 11th Sept.	dinner	£2.75
	bed & breakfast	£8.75
Inclusive cost of tea and coffee		£1.00
Registration for non-members of B.S.D.B.		£5.00

TOTAL

Cheques should be made payable to the British Society for Developmental Biology Conference a/c and returned by July 14th to:

Dr. J.B.L. Bard (Tel: 031-332-2471)
 MRC Unit
 Western General Hospital
 Crewe Road
 Edinburgh EH4 2XU

If you require a receipt or a British Rail reduced rate travel voucher, please enclose a stamped, addressed envelope (U.K. only).