American Association of Anatomists

102nd ANNUAL MEETING
HYATT REGENCY HOTEL — NEW ORLEANS, LA

APRIL 8–12, 1989

Poster and Platform Presentations in Neurosciences, Cell Biology, Developmental Biology and Structural Morphology

FEATURED PRESENTATIONS IN THE SCIENTIFIC PROGRAM

Saturday, April 8
SATELLITE CONFERENCES AT HYATT HOTEL
Neurobiology of Drug Addiction
Organizer: R. E. Harlan (Tulane)
Mechanoreceptors — Biomechanics Related to Sports
Organizers: M. L. Zimny (Louisiana State University) and S. D. Cook (Tulane)

SPECIAL TOPIC SESSIONS
The Molecular Basis for Muscle Plasticity
Organizer: B. Eisenberg (Rush)
Bone Marrow Precursor Cells
Organizer: J. Haar (Med. College of Virginia)
Adhesion Molecules, Transient Boundaries and Nervous System Pattern Formation
Organizer: D. Steinberger (Tennessee)

Sunday, April 9
CAJAL CLUB MEETING (8.30 a.m. – 6.00 p.m.)
New Concepts in Neuronal Communications
Organizer: A. M. Burt (Vanderbilt)
A.A.A. REFRESHER COURSE
Endothelial Cells
Organizer: T. S. Gray (Loyola)

E.A.C. SYMPOSIUM
Role of the Neuropeptides in the Periphery
Organizer: M. B. Nikitovitch-Winer (Kentucky)
Speakers: J. Furness (Flinders University, So. Australia), J. Lundberg (Karolinska Institute) and D. Pfaff (Rockefeller University)

Monday, April 10
SPECIAL TOPICS SESSIONS
Cortical Control of Movement
Organizer: T. Pons (NIH)
Cell Biology of Limb Bud Development
Organizers: L. Sawyer (Bowman Gray) and J. Fallon (Wisconsin)
Spermatogenesis: Structure and Function Relationships
Organizers: L. Russel (Southern Illinois) and A. W. Vogl (British Columbia)

KEYNOTE ADDRESS — Martin Raff (University College, London)

Tuesday, April 11
VICE-PRESIDENTIAL SYMPOSIUM
C-Fos Gene Product as a Marker of Neuronal Activity
Organizer: J. H. Lavall (Univ. of California, San Francisco)
Speakers: J. Morgan (Roche Res. Center), F. Sharp (V.A. Medical Center, San Francisco), R. Presley (Univ. of California, San Francisco), and A. Basbaum (University of California, San Francisco)

WORKSHOPS AND DEMONSTRATIONS
Workshop on Differential Interference Light Microscopy
Organizer: D. Fischman (Cornell)
Workshop on Innovations in Anatomical Education
Organizer: E. Spring-Mills (SUNY, Syracuse)
Workshop on Scientific Misconduct
Organizer: T. Pons (NIH)
Speakers: A. P. Fisher (Pennsylvania), D. Friedman (NIDA) and S. Paly (Harvard)

For more detailed information, please contact:
Dr C. E. Slonecker, A.A.A. Program Secretary, Department of Anatomy, University of British Columbia, Vancouver, B.C., Canada, V6T 1W5, (604) 228-2498.
APRIL 23–24, 1989

Advances in craniofacial developmental biology and clinical implications

The program will contain presentations in the areas of recent advances in cellular, molecular, and developmental biology of craniofacial/oral development as well as current techniques for management of craniofacial defects which are the outcome of the developmental processes.

RAMADA RENAISSANCE HOTEL, SAN FRANCISCO, CALIFORNIA
Accreditation: 9 hours category I ACCME; .9 ceus ASHA

* * *

APRIL 25–28, 1989

46th Annual meeting of the American Cleft Palate–Craniofacial Association

The focus of sessions offered is to address concerns of the patient with cleft lip, cleft palate and other craniofacial anomalies in order for the patient to achieve a more adequate physical, social, emotional, and vocational adjustment. The program includes scientific general and specialty sessions, short course study sessions, poster sessions and a videotape forum.

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Requests for information should be directed to the National Office at the above address and telephone number
This is an advanced level course intended for graduate students, postdoctoral fellows, and other research scientists who wish a current treatment of major issues in the experimental analysis of developmental biology of the embryo, and the diverse intellectual approaches now useful in this field.

A number of different embryonic systems will be considered, including *Drosophila*, nematode, amphibian, mammalian, echinoderm, ascidian, and other marine organisms. The course will run for six weeks. There will be four modular units each consisting of lectures from Course Faculty and other invited speakers, discussions, and workshop demonstration laboratories, as follows: I (June 19 - June 28) Current and prospective systems for the study of embryonic development. Faculty: Paul Sternberg, L. Dennis Smith, Richard Whittaker, Eric Davidson. II (June 29 - July 9) Oogenesis. Faculty: Howard Lipshitz, L. Dennis Smith, Paul Wassarman. III (July 10 - July 18) Regulation, induction, and specification of cell fate in the embryo. Faculty: Janet Heasman, David McClay, Chris Wylie. IV (July 19 - July 29) Gene control of spatial differentiation in the embryo. Faculty: Richard Firtel, Michael Levine, Eric Davidson.

Staff
Director: Eric H. Davidson, California Institute of Technology. Assistant Director: J. Richard Whittaker, Marine Biological Laboratory. Faculty: Richard A. Firtel, University of California, San Diego; Janet Heasman, University of Cambridge; Michael Levine, University of California, Los Angeles; Howard D. Lipshitz, California Institute of Technology; David R. McClay, Duke University; L. Dennis Smith, University of California, Irvine; Paul W. Sternberg, California Institute of Technology; Paul M. Wassarman, Roche Institute of Molecular Biology; Christopher C. Wylie, University of Cambridge.

**Course Application Deadline: March 1, 1989**

Financial aid is available from a variety of sources, including National Institutes of Health training grants, support from other federal agencies, and from private funds awarded the Laboratory in support of education.

For further information and application forms contact:

Office of Sponsored Programs
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**Craniofacial Development**

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☐ Determinative Mechanisms in Early Development  

☐ Craniofacial Development
BSDB/BSCB SPRING MEETING
University of St Andrews, 3-6 April 1989

The BSDB and BSCB are again holding their Spring Meetings concurrently, with all sessions being open to members of either Society. The main topic of the British Society for Developmental Biology is:

THE MOLECULAR BASIS OF POSITIONAL SIGNALLING

Principal Sponsors: The Company of Biologists Limited and American Airlines

Sessions:
Patterns within the egg and early embryo
Local signalling
Long-range signalling

Participants include:
L. Wolpert (London)  W. Gelbart (Harvard)  C. Schaller (Heidelberg)
P. Lawrence (Cambridge)  J. Austin (Madison)  M. Maden (London)
C. Nüsselein-Volhard (Tübingen)  A. Tomlinson (Cambridge)  G. Eichele (Harvard)
R. Lehmann (MIT)  P. Ingham (Oxford)  J. Smith (London)
H. Jäckle (Munich)  P. Devreotes (Baltimore)  J. Slack (ICRF, Oxford)
D. Melton (Harvard)  R. Kay (Cambridge)  A. McMahon (Roche, New Jersey)
J. Gerhart (Berkeley)  J. Williams (ICRF, Clare Hall)  H. Meinhardt (Tübingen)

There will also be sessions organized by the Scottish Developmental Biology Group on:
Growth factors
Sex determination

The main topic of the British Society for Cell Biology is:

THE CELL CYCLE

Other BSCB sessions include:
Proteolytic mechanisms, G proteins in membrane transport, Alternative splicing and Glycosaminoglycans

POSTER SESSION OPEN TO ALL PARTICIPANTS

For further information and a booking form contact the local organizer:
Dr John Tucker, Department of Biology and Preclinical Medicine, Bute Building, The University, St. Andrews, Fife KY16 9TS, Scotland. Tel. 0334 76161 Ext. 7230/7106

Deadline for registration: 20 February 1989

Members of the BSDB wishing to attend the meeting can apply for a travel grant to the Treasurer, Dr Mary Bownes, Department of Molecular Biology, King's Buildings, Mayfield Road, Edinburgh EH9 3JR
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