In this issue:

- n-3 fatty acids
- Signal transduction in development and disease
- Heart disease and ion channels
- Endogenous retroviruses
- Blood coagulation and protein C
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NOMINATIONS INVITED FOR EIGHTEENTH ANNUAL 3M LIFE SCIENCES AWARD 1993

The Federation of American Societies for Experimental Biology is pleased to solicit nominations for the eighteenth annual "3M Life Sciences Award," administered by the Federation. The award, sponsored and supported by 3M, provides a sum of $25,000 to the awardee.

CRITERIA FOR ELIGIBILITY

The nominee must have contributed to the welfare of mankind by conducting research in the broad area of the life sciences that has led to a significant increase in scientific knowledge. The criterion will be excellence.

NOMINATIONS

1. Nominations may be made only by members of the FASEB Societies and must be endorsed by at least one additional member, preferably from a different Society. Letters of appraisal from Society members in other than the candidate's own institution are particularly appropriate.

2. Nominations must be made in the form of a letter, original and eight (8) copies, setting forth in detail the significance of the work upon which the nomination is based. Nine (9) copies of the curriculum vitae and brief selected bibliography of the nominee, as well as nine (9) copies of no more than five (5) reprints, must accompany the nomination.

SELECTION OF Awardee

An Award Committee comprised of one member from each Member Society of the Federation will receive and review all nominations and select the awardee. The awardee must agree to present a 3M Award Lecture.

DEADLINE FOR RECEIPT OF NOMINATIONS

The deadline for receipt of nominations and supporting letters is October 15, 1992. Nominations should be sent to:

Ms. Leah C. Valadez
3M Life Sciences Award Committee
Federation of American Societies for Experimental Biology
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Genetic factors in the etiology and pathogenesis of autoimmunity. D. A. Carson

Genetics 50 years ago. J. F. Crow

CFTR and the etiology and pathogenesis of cystic fibrosis. G. R. Cutting

Adenocarcinoma of the colon: the central role of germinal and somatic mutations in tumor suppressor genes. E. Pearson

Ethical issues in screening for carriers of recessive diseases. N. Foster

Presymptomatic testing of late onset: lessons from Huntington Disease. P. Harper

The efficiency and efficacy of bringing genetic knowledge and technology to the bedside. N. Holtzman

The nature of somatic and germinal mutations in humans. S. S. Sommer

Mitochondrial mutations in human degenerative disorders. D. Wallace

Screening for disorders of late onset. N. Wexler

Research Communications on this same topic will appear in this thematic issue.

CURRENT TRENDS IN EXPERIMENTAL BIOLOGY

Advances in Experimental Medicine and Biology
Volume 315
TAURINE
Nutritional Value and Mechanisms of Action edited by John B. Lombardini, Stephen W. Schaffer, and Junichi Azuma
International pioneers in taurine research document current developments in the field and examine future directions and applications in this important area of study.
0-306-44224-8/proceedings/402 pp. + index/1992/$105.00

Volume 314
CELL-CELL INTERACTIONS IN THE RELEASE OF INFLAMMATORY MEDIATORS
Eicosanoids, Cytokines, and Adhesion edited by Patrick Y-K Wong and Charles N. Serhan
Here, specialists present a timely synopsis of recent research on cell-cell interactions in the generation of mediators of inflammation.
0-306-44108-X/394 pp./ill./1991/$69.50

Volume 290
IDENTIFICATION OF THE CF (CYSTIC FIBROSIS) GENE
Recent Progress and New Research Strategies edited by Lap-Chee Tsui, Giovanni Romeo, Rainer Greger, and Sergio Gorini
Experts present the latest breakthroughs involving the cystic fibrosis transmembrane regulator (CFTR) gene and its mutations, providing key insights into the formulation of diagnostic, preventive, and treatment strategies, as well as the development of pharmaceuticals to control this disorder.
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COMPUTATIONAL ASPECTS OF THE STUDY OF BIOLOGICAL MACROMOLECULES BY NUCLEAR MAGNETIC RESONANCE SPECTROSCOPY
edited by Jeffrey C. Hoch, Flemming M. Poulsen, and Christina Redfield
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FASEB WOMEN’S EXCELLENCE IN SCIENCE LECTURE
AND AWARD 1993

Purpose
To recognize outstanding achievement by women in biological science.

Eligibility
1. All women who are members of one or more of the societies of FASEB will be eligible for nomination.
2. Nominations should strive to recognize a woman whose research has contributed significantly to further our understanding of a particular discipline by excellence in research.

Nominations
1. Nominations may be made only by members of the FASEB Societies.
2. A call for nomination of candidates for the Women's Excellence in Science Award will be posted in the newsletters of the individual Societies as well as the FASEB Newsletter and The FASEB Journal.
3. The call for nominations will be made each year in April. The nomination deadline is October 1 of each year. The nomination will be transmitted to the FASEB Board before its Fall meeting.
4. Nominations must be made in the form of a letter, original and eight (8) copies, setting forth in detail:
   • the contribution(s) to the field that represents the nominee's outstanding achievement in science
   • leadership and mentorship
   • evidence of national recognition
   • honors and awards
5. Nine (9) copies of the curriculum vitae and brief selected bibliography of the nominee, as well as nine (9) copies of no more than five (5) reprints, must accompany the nomination.
6. Additional letters of support for the nominee are optional but are encouraged.
7. The nominations and supporting letters are to be sent to:
   Ms. Leah C. Valadez
   FASEB Women's Excellence in Science Award
   Federation of American Societies for Experimental Biology
   9650 Rockville Pike, Bethesda, Maryland 20814-3998
   Telephone: (301) 530-7092

Selection
1. The Women's Excellence in Science Award Committee, comprised of a member from each Society of the Federation, will receive the nominations and recommend an awardee based on an evaluation of scientific accomplishments.
2. The awardee must agree to present an Excellence in Science Lecture.
3. The name of the awardee and a summary of the candidate's qualifications will be sent to the FASEB Board for approval at the Fall meeting.

Award Presentation
The award will be presented before presentation of the Excellence in Science Lecture by the awardee. The award will be presented by the Chair of the Women's Excellence in Science Award Committee or her representative in conjunction with a member of the FASEB Board. The award includes a $10,000 unrestricted research grant, funded by Eli Lilly and Company, travel expenses, complimentary registration at the meeting, and a plaque in recognition of the award.
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Topics

Principles of treatment (including relevant aspects of cancer biology and tumour cell proliferation etc.).
Molecular pharmacology of anticancer drugs (alkylating agents, platinum analogues, intercalating agents and topoisomerase inhibitors, antimetabolites, antimitotic agents).
Preclinical evaluation of new drugs (including in vitro and in vivo methods, early clinical trials, etc.).
Drug resistance (including multidrug resistance, resistance to alkylating agents, resistance to antimetabolites, etc.).
Pharmacokinetics and Pharmacodynamics (including analytical methods, pharmacokinetic principles, specific aspects of pharmacokinetics of antineoplastic agents, pharmacokinetic guided dose escalation).
Chemotherapy: Evaluation; toxicity; advances in the management of solid tumours.
Adjuvant and neoadjuvant chemotherapy.
Methodology of clinical trials.
Novel approaches, new targets and prospects for the future (Rational drug design; DNA sequence specific drugs; membranes, signal pathways, etc.).
Chemotherapy and other treatment modalities.
Immunological therapies.

Speakers

W. Den Otter (Utrecht, The Netherlands); M.D'Incalci (Milano, Italy); J. Hartley (London, UK); I. Hellström (Seattle, WA, USA); D. Kardamakis (Athens, Greece); J. Kellen (Toronto, Ont., Canada); U.R. Kleeberg (Hamburg, Germany); F. Lejeune (Lausanne, Switzerland); H. Maeda (Kumamoto, Japan); G. Sava (Trieste, Italy); D.A. Spandidos (Athens, Greece); P.M. Ueland (Bergen, Norway); D.W van Bekkum (Rijswijk, The Netherlands); D.J. Th. Wagener (Nijmegen, The Netherlands); G. Weber (Indianapolis, IN, USA); A. Yagoda (New York, NY, USA).

Information

The course will be held at the Amarilia Hotel, Cavouri, Athens, Greece.

Registration fee: ECU 200.00 (Students: ECU 150.00).
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Further information: Dr D. Kardamakis, Anticancer Research, Editorial Office, 5 Argyropoulou Street, Kato Patissia, Athens GR-111 45, Greece. Tel and Fax 2016380 or 3626972.