

[CITATION: Sydney Brenner. (Aug. 08, 1980). Sir Hans Adolf Krebs Medal,
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TELEGRAM SENT: 8-8-80.

TO: DR. U. LITTAUER (WEIZMANN INSTITUTE, ISRAEL) .

GRATEFULLY ACCEPT YOUR GENEROUS OFFER. DR. D. SECHER WILL RECEIVE
MEDAL ON MY BEHALF AND WILL HAVE A MESSAGE TO BE READ.

SYDNEY BRENNER.

FN 357

6 AUG 1980

122

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TELAIVIVYAF0 62/61 5 1330

DR S BRENNER
MRC LAB OF MOLECULAR BIOLOGY
HILLSROAD
CAMBRIDGE CB22QH

ORGANIZING COMMITTEE WISHES TO AWARD YOU THE KREBS MEDAL IN
ABSENTIA. ~~THE MEDAL~~ THE MEDAL WILL BE HANDED OVER TO MEMBER OF
YOUR LABORATORY IF PRESENT OR ANY OTHER REPRESENTATIVE YOU MAY
SUGGEST WILL APPRECIATE YOU SEND MESSAGE OF RESPONSE TO

PAGE 2/

BE READ BY RECIPIENT ON YOUR BEHALF. SPEEDY RECOVERY.
URIEL LITTAUER

COL DR. S. LAB. CB22QH

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OSEAGRAM 37 LN



THE WEIZMANN INSTITUTE OF SCIENCE

REHOVOT · ISRAEL



מכון ויצמן למדע

רחובות · ישראל

Prof. Uriel Z. Littauer
Head, Department of Neurobiology

The Jules J. Mallen
Chair of Biochemistry

פרופ' אוריאל ז. ליטואר
ראש המחלקה לנורוביולוגיה

הקתורה לביוכימיה
על שם גולס ג. מלון

July 8, 1980

1974 JUL 1980

Prof. Sydney Brenner
MRC Laboratory of Molecular Biology
University Medical School
Hills Road
Cambridge CB2 2QH
England

Dear Sydney,

I very much regret to learn of the continuous trouble you have with your leg. It is indeed a pity that you are unable to come. I have also hoped to induce you to participate in our Neurobiology symposium and discuss with you our recent cloning of cDNA for tubulin *and actin*.

I wish you a speedy recovery and hope to see you soon!

Best wishes,

Sincerely yours,

Uriel Littauer

cc. Prof. U. Bachrach
Prof. N. Sharon

FN 030

*are not going to this
have with down.*



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SYDNEYBRENNER MRC LABORATORY MOLECULAR BIOLOGY
UNIVERSITY POSTGRADUATE MEDSCH
CAMBRIDGE (U.K.)

MISSING YOUR TWO-PAGE ABSTRACT MOLECULAR GENETICS OF HIGHER
ORGANISMS FEBS CLOSING SESSION PLEASE AIRMAIL EXPRESS FOR
BOOK THANKS

ALISA DEVIR BIOCHEMISTRY TELAVIV UNIVERSITY

817541 PO CB G
OSEAGRAM 47 LN



7 FEB 1980 *file Israeli Trip*
european journal of biochemistry

EJB/FEBS

Editorial Office:
Boulevard de la Constitution, 69/054
B-4020 Liège (Belgium)

Professor Sidney Brenner
M.R.C. Laboratory of Molecular Biology
Hills Road

GB-CB2-2QH CAMBRIDGE (Angleterre)

Liège, February 4th, 1980.

Dear Professor Brenner,

13th FEBS Meeting

We have just read that you will give one of the plenary lectures at the 13th meeting of FEBS, in Jerusalem, next August.

I wish to remind you that the *European Journal of Biochemistry* traditionally offers to publish the plenary lectures given at the opening and closing ceremonies of the FEBS meeting.

Although there is of course no obligation for you to accept this invitation, it would be a great pleasure and a great honour indeed if you accepted to provide us with your manuscript.

It would be particularly convenient, if you could let us have your manuscript at the time of the FEBS meeting to ensure fast publication of your lecture. If you send it after the meeting, please send it to *my personal attention*.

Looking forward to the pleasure of receiving a favourable reply to our invitation.

Yours sincerely,

Claude Liébecq

Encl. : Instructions to Authors

Copies : The General Secretary, 13th FEBS Meeting
Prof. Goodwin, Prof. Yomtov, Dr Igloi

CL/ad

European Journal of Biochemistry

INSTRUCTIONS TO AUTHORS (1980)

GENERAL

Authors should submit 3 copies (preferably 2 on lightweight paper) of their contribution, together with 3 copies of tables and figures to permit editorial evaluation. For figures, except halftones, the originals and 2 photocopies are acceptable. Only the original copy will be returned to the authors in case of revision or rejection.

Concise writing and carefully prepared contributions are easier to edit and to read; they are always published faster than longer papers. This does not justify the division of a large paper into several shorter papers.

It would facilitate editorial evaluation if authors would enclose reprints of relevant preceding papers in duplicate.

Typescripts that are not concisely written or do not conform to the conventions of the JOURNAL will be returned to the authors for revision. A revised paper will bear the dates of the first and final versions. If a revised paper contains a significant amount of new material, it will be considered as a new paper.

Manuscripts should be typewritten, *triple-spaced throughout* (including References, Acknowledgements, Footnotes, Tables and Legends to Figures)—i.e. about 1 cm in between lines—on sheets of uniform size, not larger than ISO A4 (appr. 21 × 30 cm) with a margin 5 cm wide on the left.

ARRANGEMENT OF THE MANUSCRIPT

1. The *first page* should bear:
 - a) the title, concise but informative;
 - b) the complete name(s) of the author(s) with first or middle forename spelt out in full;
 - c) the name of the laboratory where the work was carried out, in the language of the country of origin or in the language in which the manuscript is written;
 - d) a running title of not more than 70 letters including spaces;
 - e) the address to which correspondence (including proofs) should be sent;
 - f) the subdivision under which the author(s) wish(es) the paper to appear in the Table of Contents (see the Table of Contents of recent volumes).
2. The *second page* should list:
 - a) a dedication—if any—as a footnote to the title;
 - b) the full postal address(es) of (all) the author(s), in the language of the country of origin;
 - c) the list of abbreviations (see below);
 - d) the code numbers of enzymes mentioned in the text, preceded by the letters EC (for Enzyme Commission).

3. Each paper should be preceded by an *English Summary* of not more than 3–4% of the length of the paper; this may be divided into numbered sections. The summary should be intelligible in itself.

If the paper is written in French or German, the English summary should be extended to 5–10% of the length of the paper and should provide as much factual information as possible.

4. The *Introduction* should be brief and should state the purpose of the work in relation to other work in the same field. It should not present an extensive review of literature.

5. *Materials and Methods* should provide enough information to permit repetition of the experimental work.

6. The *Results* should be given concisely. Tables and Figures should not illustrate the same results. The place where they should appear should be indicated in the manuscript. *Discussion* should deal with the interpretation of the results and not recapitulate them.

It may often be advantageous to combine *Results and Discussion* in one section.

7. *Bibliographic citations* should appear in numerical order, in square brackets, and in order of their citation in the text. Reference to unpublished work should be kept to a minimum and mentioned, in the text itself, in parentheses.

The references will be grouped in a section to be printed at the end of the paper, and should contain the names and initials of all authors (year of publication) the abbreviated title of the periodical according to *Chemical Abstracts* or *Biological Abstracts*, volume, first and last pages: see CEBJ recommendation, *Eur. J. Biochem.* 37, 201–202 (1973). Examples:

For periodicals:

Krebs, H. A. (1961) *Biochem. J.* 80, 225–233.

For books:

Dixon, M. & Webb, E. C. (1964) *Enzymes*, 2nd edn, pp. 565–567, Longmans Green & Co., London.

For multi-author books and symposia:

Innes, I. R. & Nickerson, M. (1965) in *The Pharmacological Basis of Therapeutics*, 3rd edn (Goodman, L. S. & Gilman, A., eds) pp. 477–520, MacMillan Company, New York.

For papers quoted as 'in the press', written evidence should be provided that the manuscript has been accepted and copies of the typescript or page proofs should be provided for the referees. Papers 'in preparation' should be mentioned in the text itself, in parentheses, as 'unpublished work'; 'personal communications' should also be mentioned in the text and evidence should be provided that the person or persons quoted have agreed to publication of their observations. 'Private communications' should not be made public.

Responsibility for the accuracy of bibliographic references rests entirely with the author(s).

8. *Tables* should be typed on separate pages and numbered in the order they appear in the text, using Arabic numerals. They should be comprehensible without reference to the text. Conditions specific to the particular experiments should be stated above the tables to which they refer and below their headings. Units in which the results are expressed should appear at the top of each column. Footnotes should be kept to a minimum.

9. *Figures and graphs* should be mentioned in the text and all should be numbered, using Arabic numerals also. The back of each figure should be labelled lightly in soft pencil to show the top of the figure, the author(s)' name(s) and the figure number. A brief descriptive legend, comprehensible without reference to the text, should be provided for each figure; conditions specific to the particular experiment should be stated (brief captions in the figure will help the reader); these legends should be typed in sequence at the end of the manuscript, not on the figures.

Original *drawings and graphs* should be drawn with Indian ink in clean uniform lines on Bristol board, graph paper, blue tracing cloth or coordinate paper, printed in light blue. Their size should preferably not exceed the size of the typed manuscript. Good glossy prints are acceptable. The labelling of all figures with letters, words, numerals, etc. should be left to the publisher. Therefore, lettering must not be placed on the figure, but instead on a cover sheet of transparent paper or on a photo- or Xerox-copy.

Illustrations requiring reproduction as *half-tone* plates should be avoided whenever possible. Such photographs should be *clean* glossy prints in sharp focus and as rich in contrast as possible. They should be trimmed at precise right angles. Scales should be given. Good glossy prints of half-tone figures should be provided for the referees. Photocopies are not acceptable.

A charge will have to be made for *colour plates and half-tone illustrations*.

ABBREVIATIONS, SYMBOLS, UNITS, ETC.

The JOURNAL will essentially follow the rules defined in the IUPAC's *Manual of Symbols and Terminology for Physicochemical Quantities and Units* (Butterworths, London, 1973), Sections A–F and H of the IUPAC's *Nomenclature of Organic Chemistry*, 3rd edn (Pergamon Press, Oxford, 1978), IUPAC's *Nomenclature of Inorganic Chemistry*, 2nd edn (Butterworths, London, 1970), and in *Information for Contributors* revised in 1979 by *Biochimica et Biophysica Acta* (available from BBA Editorial Office, Postbus 1345, NL-1000 BH Amsterdam, The Netherlands). Some of the symbols for quantities and units are also given in Table 2 of our Instructions to Authors (see first issue of each volume).

Authors should follow internationally agreed rules of biochemical nomenclature, especially those adopted by the IUPAC-IUB Commission on Biochemical Nomenclature (CBN): see *Biochemical Nomenclature and Related Documents*, 1978 (The Biochemical Society, London) and Table 1 in the first issue of each volume. They should also follow the policy of this Journal on abbreviations and symbols as explained in detail in the document *Abbreviations and Symbols* [*Eur. J. Biochem.* 74, 1–6 (1977)]; copies of this document may be obtained from the Editorial Office.

2nd July, 1980.

Professor Uriel Bachrach,
The Federation of European Biochemical Societies,
Israel Biochemical Society,
13th FEBS Meeting,
P.O.B. 16271,
Tel Aviv,
ISRAEL.

Dear Professor Bachrach,

I am sorry to have to write to you to tell you that I will be unable to come to Israel to attend the FEBS Meeting. The position is as follows: last year I had a very serious fracture ~~to~~^{of} my left leg and up to last week I was improving well and had already done a small amount of travelling. Unfortunately it seems that the bones are not properly united and my doctor has advised me not to travel for the next three months.

I am very sorry if this puts you to great inconvenience and am of course most willing to forego the award of the Krebs medal should your Committee decide to award it to someone else who could give the lecture.

I hope I have given you enough notice so that you can make other arrangements.

Yours sincerely,

Sydney Brenner.

c.c. Professor Uriel Z. Littauer, The Weizmann Institute of Science,
Rehovot, Israel.

22 NOV 1979



13th FEBS MEETING
THE FEDERATION OF EUROPEAN BIOCHEMICAL SOCIETIES
ISRAEL BIOCHEMICAL SOCIETY

JERUSALEM, AUGUST 24—29, 1980 ירושלים

November 14, 1979

Prof. Sydney Brenner
MRC Laboratory of Molecular Biology
University Postgraduate Medical School
Cambridge,
England

Dear Prof. Brenner:

Thank you very much for your cable in which you note the title of the plenary lecture which you are to deliver in the 13th FEBS Meeting. I am sure that your presentation about "Molecular genetics of higher organisms" will be a fitting conclusion to the conference.

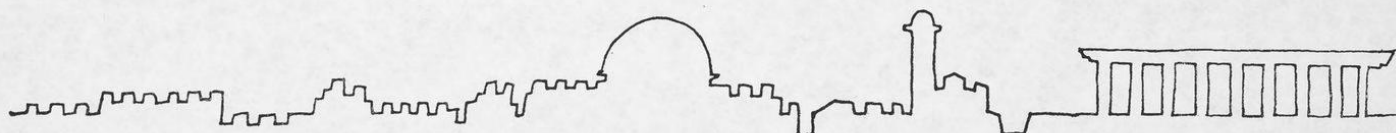
You should be receiving soon the Second Announcement about this meeting with further details. We look forward to seeing you in Jerusalem.

Best regards.

Sincerely yours,

Uriel Bachrach
Prof. Uriel Bachrach

UB/gb



THE WEIZMANN INSTITUTE OF SCIENCE

REHOVOT · ISRAEL



מכון ויצמן למדע

רחובות · ישראל

Prof. Uriel Z. Littauer

Head, Department of Neurobiology

The Jules J. Mallon

Chair of Biochemistry

פרופ' אוריאל ז. ליטאור

ראש המחלקה לנורוביולוגיה

הקתדרה לביוכימיה

על שם ג'ולס ג'י. מלון

October 30, 1977

7 NOV 1977

Dr. Sydney Brenner
MRC Lab. of Molecular Biology
Univ. Postgraduate Med. School
Hills Road
Cambridge, CB2.2QH
England

Dear Sydney,

The Federation of European Biochemical Societies (FEBS) has decided to hold the 13th FEBS Meeting in Jerusalem on August 24-29, 1980.

On behalf of the Organizing Committee I have the honor and pleasure to invite you to deliver the Sir Hans Lecture. This plannary lecture will be held at the closing session of the Meeting and also involves the award of the Sir Hans Krebs Medal.

The Sir Hans Krebs Medal and lecture is sponsored by the Lord Rank Center for Research. The previous recipients are M.F. Perutz, A.S. Spirin, D.C. Philips, E. Katchalski, A.B. Pardee, C. Weissman, H.G. Wittmann and F.H.C. Crick.

The Organizing Committee will defray your travel as well as your accomodation expenses and sincerely hopes that you will be able to participate in the 1980 FEBS Meeting.

Best wishes,

Sincerely yours,


Uriel Littauer

*Sent copy of letter
see under Bachrach
FEBS Meeting*

Invited Guest



13th FEBS MEETING

**THE FEDERATION OF EUROPEAN
BIOCHEMICAL SOCIETIES**

JERUSALEM, ISRAEL, AUGUST 24—29, 1980

SECOND ANNOUNCEMENT

ISRAEL BIOCHEMICAL SOCIETY



**THE 13TH MEETING OF
THE FEDERATION OF EUROPEAN BIOCHEMICAL SOCIETIES**

will be held in Jerusalem, Israel, at the
Binyanei Ha'oona (Convention Center) and the adjoining Jerusalem Hilton Hotel
from Sunday, August 24th to Friday, August 29th, 1980, inclusive.

by invitation of
The Israel Biochemical Society

HONORARY PRESIDENT

E. Katchalski-Katzir

ORGANIZING COMMITTEE

N. Sharon, Chairman

U. Bachrach, Secretary

D. Mirelman, Treasurer

R. Arnon

Y. Birk

U.Z. Littauer

A. Tietz-Devir, Poster sessions

E. Bachrach, Social activities

Secretariat:
KENES, Clal Center, P.O.B. 983
97 Jaffa St., Jerusalem, Israel
Tel.: (02) 222490 — 228553

AN INVITATION

The Israel Biochemical Society extends to you a warm invitation to attend the 13th Meeting of the Federation of European Biochemical Societies, to be held in Jerusalem, Israel, August 24—29, 1980.

The program, outlined on the following pages, will include symposia and colloquia, as well as free communications to be presented as posters.

In addition to the stimulating scientific program, we believe that we can promise you an exciting visit in one of the world's great cities.

N. Sharon

U. Bachrach

For the Organizing Committee

PROGRAM OF EVENTS

SUNDAY, AUGUST 24th, 1980

10.00—22.00 Registration at the Binyanei Ha'Ooma and distribution of Meeting Kit
21.00 INFORMAL RECEPTION at Binyanei Ha'Ooma given by the Israel Biochemical Society

MONDAY, AUGUST 25th, 1980

08.45—09.15 OPENING SESSION — Welcome addresses
09.30—10.15 PLENARY ADDRESS:
David Baltimore, Center for Cancer Research, Massachusetts Institute of Technology, Cambridge, Mass., U.S.A.
"Leukemia and Leukemia Viruses"

FRIDAY, AUGUST 29th, 1980

10.45—12.30 CLOSING SESSION
Award of the KREBS MEDAL.
Award of the FEBS Anniversary Prizes of the Gesellschaft für Biologische Chemie.
Delivery of the KREBS LECTURE:
Sydney Brenner, MRC Laboratory of Molecular Biology, University Postgraduate Medical School, Cambridge, England.
"Molecular Genetics of Higher Organisms".

SYNOPSIS OF DAILY ACTIVITIES

SYNOPSIS OF DAILY ACTIVITIES

	MONDAY AUGUST 25	TUESDAY AUGUST 26	WEDNESDAY AUGUST 27	THURSDAY AUGUST 28	FRIDAY AUGUST 29
08.30—10.15	Opening Session	S-1b S-4b S-6b	S-4d S-5a S-6d	S-2a S-3b S-5c	S-2c S-3d S-5e
10.15—10.45	Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break
10.45—12.30	S-1a S-4a S-6a	S-1c S-4c S-6c	S-3a S-5b S-6e	S-2b S-3c S-5d	Closing Session
12.30—14.30	Lunch + Poster Sessions*	Lunch + Poster Sessions*	FREE AFTERNOON	Lunch + Poster Sessions*	
14.30—16.10	C-1a C-6a C-3a C-10a C-4a C-12a	C-1c C-10c C-3c C-11a C-4c C-12c		C-2b C-8b C-5a C-9b C-7b C-11b	
16.10—16.40	Coffee Break	Coffee Break		Coffee Break	
16.40—18.10	C-1b C-6b C-3b C-10b C-4b C-12b	C-2a C-8a C-6c C-9a C-7a		C-2c C-8c C-5b C-9c C-7c C-11c	
Evening	Reception: Israel Museum	At Leisure		Israel Night	

* Posters will remain on display from 08.30 to 18.30. Authors will be asked to remain by their posters during the lunch break.

SYMPOSIUM 1

SYMPOSIUM 1

STRUCTURE AND SYNTHESIS OF BIOMEMBRANES

Organizers: I. OHAD (Israel) and L.L.M. VAN DEENEN (The Netherlands)

S-1a

1. **Intrinsic protein-lipid interactions in biomembranes.**
D. CHAPMAN, University of London, London, U.K.
2. **Disposition and mobility of Mycoplasma membrane components.**
S. RAZIN, Hebrew University of Jerusalem, Jerusalem, Israel
3. **Topology and dynamics of phospholipids in membranes.**
L.L.M. VAN DEENEN, Rijksuniversiteit Utrecht, Utrecht, The Netherlands

S-1b

1. **Assembly of the Semliki Forest virus membrane.**
K. SIMONS, European Molecular Biology Laboratory, Heidelberg, W. Germany
2. **Structure and biosynthesis of membranes in photosynthetic bacteria.**
D. DREWS, Albert-Ludwigs-Universität, Freiburg, W. Germany
3. **Assembly of photosynthetic membranes in eukaryotes.**
I. OHAD, Hebrew University of Jerusalem, Jerusalem, Israel

S-1c

1. **Title to be announced.**
D.D. SABATINI, New York University, New York, N.Y., U.S.A.
2. **How mitochondria import proteins from the cytoplasm.**
G. SCHATZ, Universität Basel, Basel, Switzerland
3. **The positioning of sucrose-isomaltase in the intestinal brush-border membrane: biosynthetic implications.**
G. SEMENZA, Universität Zürich, Zürich, Switzerland
4. **Protein translocation through biological membranes.**
A. WAKSMAN, University of Strasbourg, Strasbourg, France

SYMPOSIUM 2

CELL RECEPTORS AND RECOGNITION SITES

Organizers: Z. SELINGER (Israel) and E. HELMREICH (W. Germany)

S-2a

1. **Chemical instruments in the study of cAMP and ATP sites of the adenylate cyclase system.**
E.S. SEVERIN, Academy of Sciences of the U.S.S.R., Moscow, U.S.S.R.
2. **The diverse roles of GTP-regulatory proteins in transmembrane signalling.**
M. ROBBELL, National Institutes of Health, Bethesda, Md., U.S.A.
3. **Determining step in the regulatory GTPase cycle of rat pancreatic adenylate cyclase.**
J. CHRISTOPHE, Free University of Brussels Medical School, Brussels, Belgium
4. **The role of GTP in regulation of adenylate cyclase activity.**
Z. SELINGER, Hebrew University of Jerusalem, Jerusalem, Israel

S-2b

1. **Effects of α -adrenergic and cholinergic agonists on cAMP and cGMP formation.**
G. SCHULTZ, Universität Heidelberg, Heidelberg, W. Germany
2. **The α -adrenergic receptor from rat liver.**
J. HANOUNE, Hôpital Henri Mondor, Créteil, France
3. **Chemical probing of the α -adrenergic receptor.**
D. ATLAS, Hebrew University of Jerusalem, Jerusalem, Israel

S-2c

1. **Peptide receptors in cell function and differentiation.**
G. ROSSELIN, Hôpital Saint-Antoine, Paris, France
2. **Receptors and the control of adenylate cyclase activity in intact BHK cells.**
G.A. ROBISON, University of Texas, Houston, Tex., U.S.A.
3. **Mitogen receptors and signaling mechanisms in lymphocyte plasma membranes.**
J.C. METCALFE, University of Cambridge, Cambridge, U.K.

SYMPOSIUM 3

GENE STRUCTURE

Organizers: Y. ALONI (Israel) and H. ZACHAU (W. Germany)

S-3a

CHROMATIN — STRUCTURE AND SUPERSTRUCTURE

1. Nucleosome structure and superstructure in chromatin.
A. KLUG, University Medical School, Cambridge, U.K.
2. Probing nucleosome structure.
G. FELSENFELD, National Institutes of Health, Bethesda, Md., U.S.A.
3. Title to be announced.
H. ZACHAU, Universität München, München, W. Germany

S-3b

ORGANIZATION AND REARRANGEMENT OF GENETIC MATERIAL

1. Transposable DNA-elements in prokaryotes and eukaryotes.
P. STARLINGER, Universität zu Köln, W. Germany
2. DNA sequences involved in chromosome organization and rearrangements of genetic material.
G.P. GEORGIEV, Academy of Sciences of U.S.S.R., Moscow, U.S.S.R.
3. The role of DNA methylation in eukaryotic cells.
H. CEDAR, Hebrew University, Jerusalem, Israel
4. SV-40: a model system for studying gene expression and cell transformation.
W. FIER, Rijksuniversiteit-Gent, Gent, Belgium

S-3c

STRUCTURE AND EXPRESSION OF EUKARYOTIC GENES

1. Structure and evolution of several mammalian polypeptide hormone genes.
H.M. GOODMAN, University of California, San Francisco, Ca., U.S.A.
2. Structure and expression of some chicken genes.
P. CHAMBON, Centre National de la Recherche Scientifique, Strasbourg, France
3. Eukaryotic promoters.
M.L. BIRNSTIEL, Universität Zürich, Zürich, Switzerland

S-3d

MECHANISMS OF VIRAL AND EUKARYOTIC GENE CONTROL

1. The variety of mechanisms for eukaryotic gene control.
J.E. DARNELL, JR., Rockefeller University, New York, N.Y., U.S.A.
2. Factors involved in the accurate transcription of purified eukaryotic genes by RNA polymerases II and III.
R. ROEDER, Washington University School of Medicine, St. Louis, Mo., U.S.A.
3. Transcription, splicing, attenuation and circularization of linear DNA: mechanisms regulating gene expression.
Y. ALONI, Weizmann Institute of Science, Rehovot, Israel

SYMPOSIUM 4

BIOCHEMICAL ASPECTS OF IMMUNOLOGY

Organizers: R. ARNON (Israel) and N. JERNE (Switzerland)

S-4a

1. Crystallographic studies of immunoglobulin fragments.
D.C. PHILLIPS, University of Oxford, Oxford, U.K.
2. Dynamics aspects of antibody structure and reactivity.
P. ZAVODSZKY, Biological Research Center, Budapest, Hungary
3. Antibodies and somatic cell genetics.
C. MILSTEIN, University Medical School, Cambridge, U.K.

S-4b

1. Cellular and molecular requirements of T-B-lymphocyte collaboration.
F. MELCHERS, Basel Institute for Immunology, Basel, Switzerland
2. Antigen specific products of lymphoid cells regulated by immune response genes.
E. MOZES, Weizmann Institute of Science, Rehovot, Israel
3. Antigen receptors on lymphocytes: their role in cell communication.
K. EICHMANN, Deutsches Krebsforschungszentrum, Heidelberg, W. Germany

S-4c

1. The organization and reorganization of antibody genes.
P. LEDER, National Institutes of Health, Bethesda, Md., U.S.A.
2. Enumeration and organization of immunoglobulin genes in rat and mouse.
I. SCHECHTER, Weizmann Institute of Science, Rehovot, Israel

S-4d

1. Complete primary structure of a human histocompatibility antigen HLA-B7: its evolutionary and functional implications.
J.L. STROMINGER, Harvard University, Cambridge, Mass., U.S.A.
2. The genetics and biology of the HLA system.
J.J. Van ROOD, Academisch Ziekenhuis-Leiden, Leiden, The Netherlands
3. Biochemical and functional features of antigen-specific receptors on T lymphocytes.
H. WIGZELL, University of Uppsala, Uppsala, Sweden

SYMPOSIUM 5

BIOENERGETICS

Organizers: M. AVRON (Israel) and L. ERNST (Sweden)

S-5a MITOCHONDRIAL BIOENERGETICS

1. Current problems of mitochondrial energy transduction.
L. ERNST, University of Stockholm, Stockholm, Sweden
2. The phenomenological stoichiometries of the ATPase and of the redox proton pumps.
G.F. AZZONE, Università di Padova, Padova, Italy

S-5b MITOCHONDRIAL BIOENERGETICS

1. The electron pathway in the mitochondrial chain.
E.C. SLATER, Universiteit van Amsterdam, Amsterdam, The Netherlands
2. Structure and function of cytochrome c oxidase.
R. CAPALDI, University of Oregon, Eugene, Or., U.S.A.
3. The proton pump of cytochrome c oxidase.
M. WIKSTROM, University of Helsinki, Helsinki, Finland

S-5c MITOCHONDRIAL BIOENERGETICS

1. Biogenesis and structure of the ATPase proteolipid.
W. SEBALD, Gesellschaft für Biotechnologische Forschung mbH., Braunschweig-Stockheim, W. Germany
2. The study of F₁ and BF₁-ATPase subunits by chemical modifications.
P.V. VIGNAIS, Centre d'Etudes Nucleaires de Grenoble, Grenoble, France
3. The role of the ATPase inhibitor protein in the control of oxidative phosphorylation.
D.H. HARRIS, University of Leeds, Leeds, U.K.

S-5d CHLOROPLAST BIOENERGETICS

1. Following the path of protons in green plant photophosphorylation.
W. JUNGE, Universität Osnabrück, Osnabrück, W. Germany
2. Formation and hydrolysis of ATP after single turnover light flashes: implications for the mechanism of photosynthetic energy coupling.
M. BALTSCHIEFFSKY, University of Stockholm, Stockholm, Sweden
3. ATP synthesis by a purified photosynthetic proton translocating ATPase reconstituted into phospholipid vesicles.
Z. GROMET-ELHANAN, Weizmann Institute of Science, Rehovot, Israel

S-5e CHLOROPLAST BIOENERGETICS

1. Structure, function and biogenesis of proton ATPase.
N. NELSON, Technion — Israel Institute of Technology, Haifa, Israel
2. Control of photosynthetic phenomena by the electrical diffuse layer at the surface of the thylakoid membrane.
J. BARBER, Imperial College of Science and Technology, London, U.K.
3. Structure, function and reconstitution of the chloroplast ATPase complex.
N. SHAVIT, Ben-Gurion University of the Negev, Beer Sheva, Israel

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SYMPOSIUM 6

DEVELOPMENTAL NEUROBIOLOGY

Organizers: U.Z. LITTAUER (Israel) and J.P. CHANGEUX (France)

S-6a

1. Regulation of synapse formation in vertebrate neuromuscular junction.
J.-P. CHANGEUX, Institut Pasteur, Paris, France
2. The role of activity in the development of neuromuscular connections.
G. VRBOVA, University College, London, U.K.
3. Developmental aspects of AChR-channel function in the mammalian endplate.
B. SAKMANN, Karl-Friedrich-Bonhoeffer-Institut, Göttingen, W. Germany

S-6b

1. Regulation of synapse formation.
M. NIRENBERG, National Institutes of Health, Bethesda, Md., U.S.A.
2. Gap junctional communication in developmental neurobiology.
N. GILULA, Rockefeller University, New York, N.Y., U.S.A.
3. Development of cholinergic receptors in brain and their modulation in vivo.
Y. DUDAI, Weizmann Institute of Science, Rehovot, Israel

S-6c

1. Ontogeny of muscarinic receptors in mouse brain.
M. SOKOLOVSKY, Tel-Aviv University, Tel-Aviv, Israel
2. Nerve growth factors: their role for survival and differentiation of neurons during ontogenesis.
H. THOENEN, Max-Planck-Institut für Psychiatrie, München, W. Germany

S-6d

1. Control of tubulin expression during brain and neuroblastoma cell development.
U.Z. LITTAUER, Weizmann Institute of Science, Rehovot, Israel
2. Cell specific expression of cytoskeletal proteins: actin and 100 Å proteins.
K. WEBER, Max-Planck-Institute for Biophysical Chemistry, Göttingen, W. Germany
3. Studies on gene expression in developing murine neuroblastoma.
F. GROS, Institut Pasteur, Paris, France

S-6e

1. Some aspects of the development of the cerebellum.
R. BALAZS, Institute of Neurology, London, U.K.
2. Intracerebral neural transplants as model systems for the study of development and regeneration in the mammalian CNS.
A. BJÖRKLUND, University of Lund, Lund, Sweden
3. Biochemical correlates in developing cerebral cells in culture.
E. YAVIN, Weizmann Institute of Science, Rehovot, Israel

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COLLOQUIA

COLLOQUIUM 1

STRUCTURE AND FUNCTION OF PROTEINS

Organizer: I. PECHT (Israel)

C-1a

1. **Conformational flexibility and rigidity and its functional significance in several protein molecules.**
R. HUBER, Max-Planck-Institut für Biochemie, München, W. Germany
2. **Stability of protein structure**
P.L. PRIVALOV, Academy of Sciences of the U.S.S.R., Poustchino, Moscow Region, U.S.S.R.
3. **Correlations between stability and internal flexibility of globular proteins.**
K. WUTHRICH, Eidgenössische Technische Hochschule, Zürich, Switzerland.
4. **Electrostatic forces and protein conformation: an experimental approach.**
A.S. SCHEJTER, Tel-Aviv University, Tel-Aviv, Israel

C-1b

1. **Structure and function of metalloproteins as studied by intrinsic and extrinsic spectroscopic probes.**
G. ROTILIO, Università Degli Studi di Roma, Rome, Italy
2. **Magnetic and optical spectroscopy of metal ions in the active sites of enzymes.**
G. NAVON, Tel-Aviv University, Tel-Aviv, Israel
3. **Fast reaction studies with multifunctional enzymes.**
I. KIRSCHNER, Universität Basel, Basel, Switzerland

C-1c

4. **Enzyme-editing mechanisms in DNA replication and protein synthesis.**
A.R. FERSHT, Imperial College of Science and Technology, London, U.K.
5. **Allosteric transitions in glycogen phosphorylases.**
H. BUC, Institut Pasteur, Paris, France

COLLOQUIUM 2

BIOREGULATION OF ENZYMES

Organizer: S. SHALTIEL (Israel)

C-2a

1. **Regulation of carbohydrate transport in E. coli.**
H. KORNBERG, University of Cambridge, Cambridge, U.K.
2. **Cascade control of glutamine synthetase activity in permeabilized E. coli cells.**
E.R. STADTMAN, National Institutes of Health, Bethesda, Md., U.S.A.
3. **Multimodulation of enzyme activity.**
A. SOLS, Universidad Autonoma, Madrid, Spain

C-2b

1. **cAMP-dependent protein kinase: structure, function and bioregulation.**
S. SHALTIEL, Weizmann Institute of Science, Rehovot, Israel
2. **The role of protein phosphorylation in the coordinated control of glycogen metabolism and fatty acid synthesis.**
P. COHEN, University of Dundee, Scotland, U.K.
3. **The structure of phosphorylase provides the molecular basis for the control of glycogen metabolism.**
N. MADSEN, University of Alberta, Edmonton, Canada

C-2c

2. **The regulation of the activity and of the synthesis of the enzymes of the threonine operon in E. coli.**
G.N. COHEN, Institut Pasteur, Paris, France
3. **Molecular basis for specificity of nucleases.**
M. KARPEISKY, Academy of Sciences of U.S.S.R., Moscow, U.S.S.R.

COLLOQUIUM 3 INTERFERON

Organizer: M. REVEL (Israel)

C-3a

1. **Generation of distinct molecular species of interferons.**
J. VILCEK, New York University, New York, N.Y., U.S.A.
2. **Chemical characterization of interferon.**
M. RUBINSTEIN, Roche Institute, Nutley, N.J., U.S.A. and
Weizmann Institute of Science, Rehovot, Israel
3. **Biological activities of electrophoretically pure mouse interferon.**
E. DE MAYER, Fondation Curie — Institut du Radium, Orsay, France
4. **Biochemical and biological properties of purified murine immune T-interferon.**
E. FALCOFF, Fondation Curie — Institut du Radium, Paris, France

C-3b

1. **Interferon and the immune system.**
I. GRESSER, Centre National de la Recherche Scientifique, Villejuif, France
2. **Preparation of human leukocyte interferon for clinical use.**
K. CANTELL, Central Public Health Laboratory, Helsinki, Finland
3. **Human interferon as a therapeutic agent.**
T.C. MERIGAN, Stanford University, Stanford, Ca., U.S.A.

C-3c

1. **The action of interferon on retroviruses.**
A. BILLIAU, Katholieke Universiteit Leuven, Leuven, Belgium
2. **The 2-5A system in interferon — treated and control cells.**
I. KERR, National Institute for Medical Research, London, U.K.
3. **The molecular basis of interferon's antiviral and anticellular effects.**
M. REVEL, Weizmann Institute of Science, Rehovot, Israel

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COLLOQUIUM 4 COMPLEX CARBOHYDRATES

Organizers: H.M. FLOWERS (Israel) and R.C. HUGHES (U.K.)

C-4a

1. **The importance of the primary structure of glycoproteins for their metabolism and function.**
J. MONTREUIL, Université des Sciences et Techniques de Lille I,
Villeneuve d'Ascq, France
2. **The poly(glycosyl) chains of human erythrocyte glycoproteins.**
T. KRUSIUS, University of Helsinki, Helsinki, Finland
3. **Complex glycoconjugates of the red cell membrane and the chemical basis of li specificity.**
J. KOSCIELAK, Instytut Hematologii, Warsaw, Poland
4. **Structure-function relationships for heparin.**
U. LINDAHL, Swedish University of Agricultural Sciences, Uppsala, Sweden

C-4b

1. **The metabolic role of sialic acid modification.**
R. SCHAUER, Christian-Albrechts-Universität Kiel, Kiel, W. Germany
2. **The role of dolichyl phosphate in protein glycosylation.**
F.W. HEMMING, University of Nottingham, Nottingham, U.K.
3. **Inhibition of protein glycosylation and interference with the synthesis of dolichyl(pyrophosphoryl) linked saccharides.**
R.T. SCHWARZ, Justus Liebig-Universität Giessen, Giessen, W. Germany

C-4c

1. **Transport of lysosomal enzymes by cultured cells.**
K. VON FIGURA, Westfälische Wilhelms-Universität, Münster, W. Germany
2. **A study of cell surface glycoconjugates with N-acetylneuraminic acid-binding lectins: wheat germ agglutinin and limulin.**
M. MONSIGNY, Centre National de la Recherche Scientifique, Orléans, France
3. **Lymphocyte lectins and lectin receptors.**
N. SHARON, Weizmann Institute of Science, Rehovot, Israel
4. **Complex carbohydrates involved in cell adhesion.**
R.C. HUGHES, National Institute for Medical Research, London, U.K.

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COLLOQUIUM 5

BIOCHEMISTRY OF AGING

Organizer: D. GERSHON (Israel)

- C-5a
1. Investigation of the mechanism of age-dependent lipid peroxidation and changes in biological membrane properties.
D. HEGNER, Universität München, München, W. Germany
 2. Further developments in the membrane hypothesis of aging.
I. ZS-NAGY, University Medical School, Debrecen, Hungary
 3. Lysosomes and cellular aging.
D.L. KNOOK, REP — Institutes of the Organisation for Health Research TNO, Rijswijk (ZH), The Netherlands

C-5b

1. Age-related biochemical changes in neurons of the mammalian CNS.
M. ERMINI, University of Zürich, Zürich, Switzerland
2. Posttranslational modifications of some enzymes.
J.C. DREYFUS, Université de Paris, Paris, France
3. The cellular aging of fibroblasts is a biochemical differentiation process of the fibroblast stem cell system.
K. BAYREUTHER, Universität Hohenheim, Stuttgart, W. Germany

COLLOQUIUM 6

PLASMA LIPOPROTEINS AND LIPOLYTIC ENZYMES

Organizer: Y. STEIN (Israel)

C-6a PLASMA LIPOPROTEINS

1. Chemical studies on the structure of high density lipoproteins.
W. STOFFEL, Universität Köln, Köln, W. Germany
2. Lipoproteins in pathological states.
D. SEIDEL, Universität Göttingen, Göttingen, W. Germany
3. The metabolic effect of lipid lowering drugs.
R.I. LEVY, National Institutes of Health, Bethesda, Md., U.S.A.

C-6b PLASMA LIPOPROTEINS

4. Interactions between apolipoproteins and lipids.
J. GLOMSET, University of Washington, Seattle, Wash., U.S.A.
5. Cellular interactions with lipoproteins.
O. STEIN, Hebrew University of Jerusalem, Jerusalem, Israel

Round Table Discussion

C-6c LIPOLYTIC ENZYMES

1. Lipoprotein lipase: what are the rate-limiting factors for its action on lipoproteins?
T. OLIVECRONA, University of Umeå, Umeå, Sweden
2. Lipoproteins in LCAT deficiency.
K. NORUM, University of Oslo, Blindern, Norway
3. Interconversion of lipoproteins.
S. EISENBERG, Hadassah University Hospital, Jerusalem, Israel.

COLLOQUIUM 7

ONCOGENIC VIRUSES

Organizer: Y. BECKER (Israel)

C-7a

1. The transforming genes in avian defective leukemia viruses.
D. STEHELIN, Institut National de la Santé et de la Recherche Médicale, Lille, France
2. Biological and chemical characterization of viral and cellular oncogenes.
J.-L. DARLIX, Université de Genève, Genève, Switzerland
3. Title to be announced.
R. WEINBERG, Massachusetts Institute of Technology, Boston, Mass., U.S.A.

C-7b

1. Molecular biology of enzootic bovine leukosis.
A. BURNY, Université Libre de Bruxelles, Rhode-St.-Genève, Belgium
2. Evolution of avian oncoviruses.
J.M. COFFIN, Tufts University, Boston, Mass., U.S.A.
3. SV-40 DNA recombination events.
E. WINOCUR, Weizmann Institute of Science, Rehovot, Israel

C-7c

1. The arrangement of integrated adenovirus DNA in transformed and infected cells.
W. DOERFLER, Universität zu Köln, Köln, W. Germany
2. Molecular organization of herpes viruses.
J.B. CLEMENTS, University of Glasgow, Glasgow, Scotland, U.K.
3. Intracellular forms of Epstein-Barr virus DNA.
T. LINDAHL, Gothenburg University, Gothenburg, Sweden
4. The Epstein-Barr virus and related systems.
G. KLEIN, Karolinska Institute, Stockholm, Sweden

COLLOQUIUM 8

GENETIC ENGINEERING

Organizer: I. HERTMAN (Israel)

C-8a

1. **The expression of a cloned rabbit chromosomal β -globulin gene in mouse L cells and yeast.**
C. WEISSMANN, Universität Zürich, Zürich, Switzerland
R.A. FLAVELL, Universiteit van Amsterdam, Amsterdam, The Netherlands
2. **The structure and expression of hemoglobin genes.**
PH. KOURILSKY, Institut Pasteur, Paris, France
3. **Structure and expression of cloned eukaryotic genes.**
H.W. BOYER, University of California, San Francisco, Ca., U.S.A.

C-8b

1. **Title to be announced.**
V. PIROTTA, European Molecular Biology Laboratory, Heidelberg, W. Germany
2. **Cloning of Drosophila genes active during embryogenesis.**
F. BLASI, Centro di Endocrinologia e Oncologia Sperimentale des C.N.R., Napoli, Italy
3. **Cloning of the histidine operon: structure and regulation.**
I. HERTMAN, Israel Institute for Biological Research, Nes-Ziona, Israel
4. **Maintenance compatibility and encapsidation of a mini-plasmid derived from prophage-P-1.**
F.C. CANNON, University of Sussex, Brighton, Sussex, U.K.

C-8c

1. **Molecular and genetic manipulation of *Klebsiella nif* system.**
B. HOHN, Friedrich Miescher-Institut, Basel, Switzerland
2. **Clothing with cosmids in E. coli and yeast.**
R. REIN, Roswell Park Memorial Institute, Buffalo, N.Y., U.S.A.
3. **Molecular theory of protein-nucleic acid recognition.**

COLLOQUIUM 9

CELL FUSION

Organizer: A. LOYTER (Israel)

C-9a

1. **Pharmacological control of membrane fusion.**
A. BRUNI, Università di Padova, Padova, Italy
2. **Effect of polyunsaturated fatty acids on fusing viruses.**
A. KOHN, Israel Institute for Biological Research, Nes-Ziona, Israel
3. **On the mechanism of virus-induced cell fusion.**
R. ROTT, Justus-Liebig-Universität Giessen, Giessen, W. Germany

C-9b

1. **Incorporation of integral membrane proteins into cell membranes.**
G. EYTAN, Technion-Israel Institute of Technology, Haifa, Israel
2. **Introduction of foreign phospholipid molecules into the plasma membranes of mammalian cells via vesicle-cell fusion and exchange.**
R.E. PAGANO, Carnegie Institution of Washington, Baltimore, Md., U.S.A.
3. **The role of paramyxovirus glycoproteins in the interactions between viral and cell membranes.**
A. SCHEID, Rockefeller University, New York, N.Y., U.S.A.

C-9c

1. **Gene expression in normal and transformed cells.**
J.E. CELIS, Aarhus University, Aarhus, Denmark
2. **Genetic control of transformation and malignancy in somatic cell hybrids.**
K. WILLECKE, Universität Essen — Gesamthochschule, Essen, W. Germany
3. **Interaction of cells in vitro and in vivo with targeted liposomes.**
G. GREGORIADIS, Clinical Research Centre, Harrow, Middlesex, U.K.

COLLOQUIUM 10

GROWTH AND REPRODUCTION

Organizer: A.M. KAYE (Israel)

C-10a

1. **Regulation of the cell cycle.**
J.A. SMITH, Imperial Cancer Research Fund Laboratories, London, U.K.
2. **Studies on nerve growth factor mediated arrest of division and neurite growth in target cells.**
P. CALISSANO, Consiglio Nazionale delle Ricerche, Rome, Italy
3. **Possible role for receptor motion in the mechanism of action of insulin and epidermal growth factor.**
J. SCHLESSINGER, Weizmann Institute of Science, Rehovot, Israel
4. **Gene amplification — selection and growth control.**
R.T. SCHIMKE, Stanford University, Stanford, Ca., U.S.A.

C-10b

1. **The role of the polyamines in cell proliferation.**
O. HEBY, University of Lund, Lund, Sweden
2. **Androgens as regulators of cell growth and cell division.**
W.I.P. MAINWARING, University of Leeds, Leeds, U.K.
3. **Acquisition and loss of androgen responsiveness in the embryonic mammary gland: role of tissue interaction.**
K. KRATOCHWIL, Österreichische Akademie der Wissenschaften, Salzburg, Austria

C-10c

1. **Controls of meiotic division in *Xenopus laevis* oocyte: steroids, membrane, cAMP and receptors.**
E. BAULIEU, Université de Paris Sud, Bicêtre, France
2. **Neuroendocrine control of reproduction.**
Y. KOCH, Weizmann Institute of Science, Rehovot, Israel
3. **Human growth hormone: recent chemical and biological studies.**
C.H. LI, University of California, San Francisco, Ca., U.S.A.
4. **The interplay of chromatin replicative processes and hormone action in cell differentiation.**
G.C. MUELLER, University of Wisconsin, Madison, Wis., U.S.A.

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COLLOQUIUM 11

BIOCHEMISTRY IN AGRICULTURE

Organizer: Y. BIRK (Israel)

C-11a

1. **Agricultural research and agriculture.**
Y. VAADIA, United States-Israel, Agricultural Research Organization, Ministry of Agriculture, Israel
2. **Effect of nitrogen on the formation of pyrocatechin-humic acid and the nitrogen linkage characteristics of this acid.**
H. OZBEK, University of Çukurova, Adana, Turkey
3. **Steroid hormones and plant growth and development.**
J. GEUNS, Katholieke Universiteit te Leuven, Leuven, Belgium
4. **Protein-flavonoid relations as a biochemical criterion indicative of physiological and induced shifts in plant living activities.**
U. MARGNA, Institute of Experimental Biology, Harku, Estonian S.S.R., U.S.S.R.

C-11b

1. **Proteinase inhibitors in natural plant protection.**
C.A. RYAN, Washington State University, Pullman, Wash., U.S.A.
2. **Protein alpha-amylase inhibitors from cereal and other plant species.**
V. SILANO, Istituto Superiore di Sanita, Rome, Italy
3. **Regulation of locust vitellogenesis: implications for control of insect reproduction.**
S.W. APPLEBAUM, Hebrew University of Jerusalem, Rehovot, Israel
4. **An antiviral factor from virus infected plants.**
I. SELA, Hebrew University of Jerusalem, Rehovot, Israel

C-11c

1. **The biosynthesis of nutritionally important amino acids in plants.**
P.J. LEA, Rothamsted Experimental Station, Harpenden, Herts., U.K.
2. **Seeds storage proteins: proteosynthesis and deposition into protein bodies during seed maturation.**
J.C. PERNOLLET, Institut National de la Recherche Agronomique, Versailles, France
3. **Potential applications of grain protein biochemistry in Brazilian agriculture.**
E. DERBYSHIRE, University of Durham, Durham, U.K.
4. **Plant polyphenoloxidases and their importance in foods.**
A.M. MAYER, Hebrew University of Jerusalem, Jerusalem, Israel

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COLLOQUIUM 12

NUCLEIC ACIDS — PROTEIN INTERACTIONS

Organizer: A. HOCHBERG (Israel)

C-12a

1. **Conformation aspects of substrate properties of nucleosides and nucleotides towards various enzymes.**
D. SHUGAR, Academy of Sciences, Warsaw, Poland
2. **Nucleic acid structure in complex assemblies.**
C.R. CANTOR, Columbia University, New York, N.Y., U.S.A.
3. **Dynamic aspects of aminoacyl ligase-tRNA interaction — some essentials for the recognition process.**
F. Von Der HAAR, Max-Planck-Institut für Experimentelle Medizin, Göttingen, W. Germany
4. **Tryptophanyl tRNA synthetase-tRNA^{try} interactions.**
L.L. KISSELEV, Academy of Sciences of U.S.S.R., Moscow, U.S.S.R.

C-12b

1. **Structure and function of ribosomes.**
H.G. WITTMANN, Max-Planck-Institut für Molekulare Genetik, Berlin, W. Germany
2. **Structure and function of rRNA.**
A. ZAMIR, Weizmann Institute of Science, Rehovot, Israel
3. **5S and 5.8S ribosomal RNA-protein complexes: a model system for nucleic acid-protein interaction studies.**
V.A. ERDMANN, Max-Planck-Institut für Molekulare Genetik, Berlin, W. Germany
4. **New results in the study of ribosomal RNA-protein interaction.**
J.P. EBEL, Centre National de la Recherche Scientifique Strasbourg, France

C-12c

1. **The role of soluble protein factors in the initiation of protein synthesis.**
M. GRUNBERG-MANAGO, Institut de Biologie Physico-Chimique, Paris, France
2. **The elongation factor EF-Tu. Effects of alterations in the tufA and tufB genes.**
L. BOSCH, State University of Leiden, Leiden, The Netherlands
3. **Analysis of hamster lens cells transformed by SV-40.**
H. BLOEMENDAL, University of Nijmegen, Nijmegen, The Netherlands

POSTER SESSIONS

Poster sessions will be organized in accordance with the topics of the six symposia and twelve colloquia described above. Additional sessions will be arranged for work unrelated to these topics.

Participants who wish to present a poster should supply an abstract typed on the enclosed abstract production form. Abstracts should be written in English and typed according to the instructions given. A letter of acceptance will be mailed by May 1980 together with instructions for preparing the posters.

All abstracts will be printed in the Abstract book together with the summaries of the symposia and colloquia lectures. The book will be distributed to participants at the time of registration. In accordance with the recommendations of the FEBS Council, **one author can submit only one abstract and be co-author of no more than two additional contributions.**

The deadline for submitting the abstract together with the registration form and registration fee is **March 31st, 1980**. Please mail the abstract to Dr. A. Tietz-Devir, Dept. of Biochemistry, Tel-Aviv University, Tel Aviv, Israel. Registration forms and fees should be mailed separately to FEBS 1980, P.O. Box 983, Jerusalem, Israel.

SATELLITE MEETINGS

Several satellite meetings of the 13th FEBS Meeting are planned for either before or after the conference itself. These specialized meetings are complementary to the program of the conference and provide opportunities for FEBS participants to attend smaller and more specialized symposia. Participants in the FEBS Meeting may obtain further information about any of these satellite meetings by contacting the individual organizers listed below. The registration for a satellite meeting is to be made through the organizer of that meeting.

Arrangements for additional satellite meetings may be made through the Secretary of the 13th FEBS Meeting: Dr. U. Bachrach, Dept. of Molecular Biology, Hebrew University — Hadassah Medical School, P.O. Box 1172, Jerusalem, Israel.

BIOCHEMICAL APPROACHES TO ORGANIC SYNTHESIS.

August 20—21, 1980, Jerusalem, Israel. (Participation limited to 120).
Information and registration:

Dr. Leon Goldstein
Department of Biochemistry
Tel-Aviv University
Tel Aviv, Israel

THE BIOCHEMISTRY OF PARASITES.

August 20—22, 1980, Jerusalem, Israel.
Information and registration:

Dr. Hadar Isseroff
Department of Biology
State University College
At Buffalo
Buffalo, New York 14222
U.S.A.

Dr. Gerald M. Slutsky
Sanford F. Kuvin Center
for the Study of Infectious
and Tropical Diseases
Hadassah Medical School
The Hebrew University
Ein Karem, Jerusalem
Israel

CONNECTIVE TISSUE MATRIX MACROMOLECULES.

August 20—22, 1980, Jerusalem, Israel.
Information and registration:

Dr. S. Shoshan
Connective Tissue Research Lab.
P.O. Box 1172
Jerusalem, Israel

CONTROL MECHANISMS IN PHOTOSYNTHESIS.

August 31 — September 4, 1980, Rehovot, Israel.
Information and registration:

Dr. M. Avron
Dept. of Biochemistry
Weizmann Institute of Science
Rehovot, Israel

INTERNATIONAL SYMPOSIUM ON POLYAMINES IN NORMAL AND NEOPLASTIC GROWTH.

September 8—9, 1980, Rimini, Italy
Information and registration:

Prof. C.M. Caldarera
Istituto di Chimica Biologica
University of Bologna
via Innerio 48
Bologna 40126
Italy

PRELIMINARY PROGRAM OF SOCIAL EVENTS

SUNDAY, AUGUST 24th, 1980

21.00 Informal Reception given by the Israel Biochemical Society
at the Binyanei Ha'ooma

MONDAY, AUGUST 25th, 1980

20.30 Reception by the Municipality of Jerusalem at the Israel Museum,
followed by a tour of the Museum

TUESDAY, AUGUST 26th, 1980

Evening At leisure:
Tickets to "Sound and Light" presentation in the Old City of Jerusalem
and other cultural events will be offered for sale to participants.

WEDNESDAY, AUGUST 27th, 1980

14.30 The following tours will be offered: (1) Tour of Jericho, Qumran Caves, and
Dead Sea (bathing optional); (2) Bethlehem; (3) the Old City of Jerusalem;
(4) the New City of Jerusalem and the Hebrew University campus.

Evening At leisure

THURSDAY, AUGUST 28th, 1980

21.00 Israel Night

PRELIMINARY PROGRAM FOR ACCOMPANYING PERSONS

Registered Accompanying Persons are invited to all Social Events of the Meeting.
In addition the following program has been prepared for them:

MONDAY, AUGUST 25th, 1980

09.00 Tour of the Old City of Jerusalem
16.00 Israeli Fashion Show

TUESDAY, AUGUST 26th, 1980

09.00—13.00 Visit to Yad Vashem (Holocaust Memorial), Hadassah Hospital,
the Chagall Windows, and a Kibbutz

WEDNESDAY, AUGUST 27th, 1980

14.30 The following tours will be offered: (1) Tour of Jericho, Qumran Caves, and
Dead Sea (bathing optional); (2) Bethlehem; (3) the Old City of Jerusalem;
or (4) the New City of Jerusalem and the Hebrew University campus

THURSDAY, AUGUST 28th, 1980

09.00 Visit to Arts & Crafts workshops in the Old and New City

GENERAL INFORMATION

HEADQUARTERS

Binyanei Ha'oma (Convention Center), Jerusalem, Tel. (02) 222481; and the adjoining Jerusalem Hilton Hotel, Tel. (02) 536151.

LANGUAGES

The official language of the Meeting is English.

REGISTRATION

A perforated Registration Form can be found at the end of this Second Announcement. Please type or write in BLOCK LETTERS and mail it to "FEBS 1980", P.O.B. 983, Jerusalem, Israel. Early registration would be greatly appreciated as it facilitates conference planning.

REGISTRATION FEE (per person)

	By May 14, 1980	From May 15, 1980
	D.M.	D.M.
Participant	225	275
Young Scientist (under age 30)	125	150
Accompanying Person	50	50

The fee covers:

Participation in all Sessions / Receptions / Social Events / Accompanying Persons Special Program

In the event of cancellation, full refund of the registration fee may be obtained up to three months before the Meeting, and 50% of the fee up to one month before the Meeting. No refund will be made if cancellation is received after July 21st, 1980.

BANK

The official Bank of the Meeting is the Bank Leumi Le-Israel B.M., Kikar Malchei Israel Branch, Tel Aviv, Israel. Checks or drafts may be made payable to "FEBS Israel 1980".

CLIMATE

The weather in Jerusalem in August is very pleasant and sunny during the day and cool in the evenings: maximum daytime temperature about 30°C (86°F) and minimum nighttime temperature about 20°C (67°F). No rain in August.

CLOTHING

Informal for all occasions — wrap or coat for cool evenings.

VISAS

Entry visas to Israel are not required from citizens of most countries. In case of doubt, please contact the nearest Israeli Consulate or write directly to the Secretary of the Organizing Committee. If necessary, a visa will be issued upon arrival at the airport in Israel.

CONGRESS ORGANIZERS

Kenes — Organizers of Congresses and Special Events Ltd., P.O. Box 983, Jerusalem, Israel.

CORRESPONDENCE

Kenes, Clal Center, P.O. Box 983, 97 Jaffa St., Jerusalem, Israel.

TRAVEL AND ACCOMMODATIONS

PELTOURS LTD., have been appointed official travel agents to the Meeting and their network of offices and agents abroad (as listed in this brochure) offers you the best possible travel arrangements to and from Israel. The agents listed in the brochure have been appointed in consultation with the Biochemical Society of each member country. In Israel, Peltoours, through their head office and branches throughout the country will furnish hotel accommodation, meet participants on arrival, arrange transfer to hotels and provide all the sightseeing tours which may be requested.

Hotel accommodation has been reserved in Jerusalem for the period August 24th to 29th in hotels of the following grades: 5-Star, 4-Star, 3-Star and 2-Star, and all these rooms will be allotted on a first come first served basis. In addition, student dormitories, youth hostels and camping facilities may also be available.

In order to obtain the desired accommodation, please fill in the perforated ACCOMMODATION FORM, which can be found at the end of this Announcement, and mail it directly to Peltoours Ltd., P.O. Box 394, Tel Aviv, Israel.

Visits to the historic sites of Jerusalem — Christian, Moslem and Jewish — will be organized by Peltoours Ltd. Special arrangements have also been made to offer you a post-Meeting sightseeing program. For further details, please apply to the Peltoours Overseas agent in your area who will gladly assist you in the arrangements for sightseeing, hotel accommodation and any other requirements in the field of travel.

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THE 13th MEETING OF THE FEDERATION OF EUROPEAN BIOCHEMICAL SOCIETIES

Jerusalem, August 24-29, 1980

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