

European Community COMETT-TUCEP and TEMPUS JEP TMPBT
Dipartimento di Scienze Biomediche Sperimentali dell'Universita' di Padova
C.N.R. Centro di Studio per la Biologia e Fisiopatologia Muscolare

ECBF93

Summer Course on Pathophysiology of Skeletal Muscle:

Biochemical markers of muscle trophism, plasticity and damage/repair

Padova, September 20-24, 1993

Muscle cryostat sections and cell cultures wielding. SDS PAGE. Non-denaturant and acidic methods. Isoelettrofocussing. 2D PAGE: O'Farrell and other hybrid methods. SDS PAGE Peptide Mapping. Elution of polypeptides from polyacrilamide gel. Electroendosmotic Preparative Gel Electrophoresis (EPGE). Quantitation of proteins solubilized in SDS-mercaptoethanol. Recovery of SDS-proteins by KDS. Staining, identification and characterization of polypeptides on PAGE slabs: Prestaining, Coomassie blue, Silver stain, Immunoblotting, Overlay techniques, Stains all, Photolabelling, Enzyme activities, Chemical groups, KDS. Mono- and bi-dimensional densitometry. HPE: High Performance Electrophoresis (Capillary Electrophoresis). FPLC. Separation and sequencing of PCR-amplified DNA segments by gel electrophoresis. Automatic PCR. In situ hybridization. Analysis of structure-function relationship on skinned muscle fibers by combination of different tests: Slack test (V_{max}), Ca and Sr affinities, myosin and troponin electrophoresis. Muscle electrostimulation: The new equilibrium state of muscle stimulated for a year at different continuous frequencies.

Organizer: Prof. U. Carraro.

Tutors: R. Betto, D. Biral, U. Carraro, C. Catani, A. Curioni, A. Dal Belin Peruffo, L. Dalla Libera, E. Damiani, G.A. Danieli, C. Janmot, J. Jarvis, L. Gorza, A. Mounier, C. Rizzi, M. Sandri.

Place of the Tutorials: Dipartimento di Scienze Biomediche Sperimentali, Via Trieste 75 I-35121 PADOVA, tel. 049-8286510, FAX 8286576

Registration Fees: L. it. 500.000 (fivehundredthousand)

ECBF93 will be organized in: Bench practices, Tutorials and a One-day Seminar (September 24, 1993). Participants will have the opportunity to openly discuss their research topics and to perform analyses on their own samples. A bench-top manual (in Italian) and a certificate will be provided to participants.

Applications: To be sent to Prof. Ugo Carraro, Dipartimento di Scienze Biomediche Sperimentali, Via Trieste 75, I-35131 Padova, before May 31, 1993. A short Curriculum and notice of specific knowledge and experience must be included. Seven participants will be Junior Researchers or pre-doctors, three participants will be selected among Seniors, who need to update their experience or learn new techniques.

Participants will be asked to pay Registration Fees after acceptance of their application, but before the Tutorials. One Participant will be exempted.

INVITATION AND CALL FOR PAPERS

A Poster session will complement the ECBF93 Seminar. The accepted papers will be printed in a Dedicated Issue of **BAM, Basic and Applied Myology**. The original and two copies should be sent to Prof. U. Carraro (see Application) **before May 31, 1993**. The full papers, in English, should be typewritten double space on A4 page (up to 12 pages, one side). Method- or Application-Papers carefully documenting goals, methods,

results and references (either in Article or Communication format, see BAM Information for Authors) will be preferentially considered for publication. Authors will be requested to send floppy disks of accepted papers either of IBM or of Macintosh standards, using specific standard software, like Words, Wordstar, and Wordperfect before June 30, 1993, with a One-Day Registration Fees of L. it. 100.000 (Onehundredthousand), if not Participants.

IX Congress of ISAO & XX Congress of ESAO

July 4-8, 1993 Amsterdam, The Netherlands

Deadline for submission of abstracts: February 1, 1993 12.00 noon

Congress Preregistration: April 8, 1993

Hotel Registration: May 15, 1993

Congress Secretariat:
RAI Organisatie Bureau Amsterdam
Europaplein 12
1078 GZ Amsterdam
The Netherlands
tel: +31 (0)20 5491212
fax: +31 (0)20 6464469

Scientific Secretariat:
Mrs. A. Overzet-Bouma
Centre for Biomedical Technology
University of Groningen
Oostersingel 59
9713 EZ Groningen
The Netherlands
tel: +31 (0)50 612354
fax: +31 (0)50 633113

8th CIMTEC FORUM ON NEW MATERIALS MATERIALS IN CLINICAL APPLICATIONS

Summary of deadlines

October 15, 1993

April 15, 1994

May 15, 1994

Submission of Abstracts

Submission of camera-ready text

Final inscription

Congress Secretariat:
8th CIMTEC
FORUM ON NEW MATERIALS
P.O. Box 174
48018 Faenza (Italy)

INFORMATION FOR AUTHORS

GENERAL

Basic and Applied Myology will mainly cover skeletal muscle basic research and its applications. Special attention will be paid to reports of experimental studies in large mammals to test hypotheses of muscle and non-muscle diseases managements. Myocardium and smooth muscle studies will also be considered.

Basic and Applied Myology publishes basic and clinical research studies in the fields of anatomy, physiology, cell biology, biochemistry, molecular biology and gene mapping, comparative biology, development and differentiation, regeneration, pathology, epidemiology, bioengineering, testing, pharmacology, toxicology, surgery, medicine. Non-medical studies in fields such as veterinary, breeding and biotechnology will also be considered, if they concern muscle at molecular, cellular or organismic levels.

The journal publishes:

1. *Review Articles*, invited or submitted, on current topics;
2. *Editorials and Perspectives*, they will present opinions on future trends in basic and applied myology;
3. *Main Articles*, they will present original laboratory and clinical research and related topics. They will be divided in: Abstract, Introduction, Materials and Methods (all details must be given so that results can be duplicated), Results, Discussion, Address for correspondence, Acknowledgments, References (full authorship and title);
4. *Communications*, they will present original papers 2-4 pages long. They will be divided in: Abstract (50 words, techniques, results and main conclusion), Introduction, Methods (but only the new ones or the modifications to published methods), Results and Discussion, Address for Correspondence, Acknowledgments, References (less than twenty, without title and with the first three authors only);
5. *Myology News*, a redactional covering major breakthrough in Myology, academic/didactic issues, book reviews and calendar of events (conferences, workshops and courses).

MANUSCRIPT SUBMISSION

Manuscripts are accepted for consideration with the understanding that they have not appeared elsewhere in any but abstract form and are not concurrently under review elsewhere.

Manuscript should be sent by air to:

Ugo Carraro, Editor of BAM

Dept Exptl Biomed Sciences

University of Padova

Via Trieste 75

I-35121 PADOVA (Italy)

Phone Italy-49-8286510; FAX Italy-49-8286576

or to one of the Associate Editors:

J.A. Faulkner, Institute of Gerontology, Univ. Michigan, Room 972-974, 300 North Ingalls, Ann Arbor, MI 48109-2007, USA, fax 001-313-936 2116

G. Freilinger, Dept. of Plastic & Reconstr. Surgery, 2nd Surgical University Clinic, Spitalgasse 23, A-1090 Vienna, Austria, fax Austria-222-42522640

J. Gergely, Muscle Dept. BBRI, 20 Staniford street, Boston, Ma 02114 USA, fax 001-617-5236649

G. Marechal, Univ. Catholique de Louvain, Dept. de Physiologie, Tour Harvey UCL 5540, Av. Hippocrate 55, B-1200 Bruxelles Belgium, fax Belgium-2-7645322

Four high-quality copies of the manuscript (1 original and 3 copies) and 4 complete sets of figures should be submitted, accompanied by: i) a cover letter (including the name, address, and phone

and FAX numbers of the author to whom correspondence should be sent); ii) written permission of author(s) and publisher(s) to use any published material; iii) releases signed by patient(s) or guardian(s) for any recognizable patient photographs; iiiii) for experiments on animals, indicate whether the institution's or the National Research Council's guide for the care and use of laboratory animals was followed; iiiiii) names of potential referees and their addresses as well as any request that specific individuals not be invited to review.

Exceptionally, Authors may submit one original and two copies with three sets of figures.

The Journal encourages authors to submit floppy disks of accepted articles. Do not submit your disk until your paper has been accepted, and make sure that the file on the disk has been updated to incorporate all revisions. Files should be in MS-DOS WORD (release 5 or earlier), WORD Perfect 5 or WORD for WINDOWS. They should be formatted single-space, left margin at zero, ragged right, no hyphenation, and automatic wordwrap to avoid hard returns within paragraphs. Macintosh files should be converted in MS-DOS if possible. Send your disk with a cover letter that specifies manuscript number, operating system, and software used to the Editor-in-Chief.

MANUSCRIPT PREPARATION

Typing. Use double-spacing throughout the text, tables, figure legends, and references. Leave margins of at least 2.5 cm. Put your name on each page and number the pages starting with the title page.

Titles. Titles should be short, specific, and amenable to indexing.

Authors. Name, (initials for additional names) and surname of each author. Please indicate name and address of author to whom correspondence, proofs, and requests for reprints should be sent.

Abstracts. These should have no more than 200 words for a main or review article and 50 words for communications. The abstract should state the purpose of the study, basic procedures, most important results, principal conclusions. All non-standard abbreviations should be spelled out the first time they are mentioned.

Key Words. The authors should provide 3-8 (usually 5) key words below the abstract page pertaining to all major points of their contribution.

Short Title. The authors should provide a short title, not to exceed 45 characters (including spaces, to be used as running title).

Tables. Type each table double-spaced on a separate sheet; do not submit tables as photographs. If the table must exceed one typewritten page, duplicate all headings on the second sheet. Very wide tables are difficult and expensive to typeset and should be avoided by breaking up into smaller tables. Number tables in the order in which they are cited in the text. Every table should have a title, and every column in the table, including the left-hand (stub) column, should have a heading. Define all abbreviations and indicate the units of measurement for all values. Do not change the unit of measure within a column. Organize the tables so that like data are read vertically, not horizontally. Do not use internal horizontal or vertical lines to separate sections.

Figures. Figures should be professionally drawn and photographed and should be submitted as glossy, high-contrast (black&white) photographs. Letters, numbers, and symbols should be large enough to remain legible when reduced for publication. Use a label on the back of each figure to indicate the first author's name, the article running title and the top of the figure. Do not write directly on the back of the photographs. Arabic numerals should be used for figures and lower case italic letters for multiple parts of a single figure (e.g., Figs 1*a* and 2*b*). Printed illustrations must not exceed the journal page dimension (A4, cm 21x29.5). Illustrations composed of multiple pieces must be mounted on mounting board. Single-column figures must not exceed cm 8.5x22. Double-column figures must not exceed cm 17.5x22. When submitting figures at reproduction size indicate

this on the back of the figure; if not, indicate desired percent reduction. In general micrographs and figures should not exceed one-half page. Figures and legends should fit on the same page.

Figure Legends. Legends should be typed double-spaced and numbered with Arabic numerals corresponding to the illustrations. When symbols, arrows, numbers or letters are used to identify parts of illustrations, each should be explained clearly in the legend. For photomicrographs, the internal scale markers should be given.

References. Main and Review Articles: Type references in alphabetical order and number them accordingly. Identify references in the text, tables and legends by arabic numerals in [brackets]. The following information should be included: i) all authors names (surnames followed by initials), ii) the title of the article, iii) the journal title abbreviated as it appears in the *Index Medicus* or spelled out if it is not listed there, iiiii) the date of publication, iiiiii) the volume number, and iiiiii) inclusive page numbers. For books be sure to include the chapter title, chapter author(s), editor(s) of the book, title of the book (including volume or edition number), publisher's location and name, date of publication and appropriate page numbers.

Examples of the correct format are as follows:

for *Reviews and Main Articles*

1. Buller AJ, Eccles JC, Eccles R: Interactions between motoneurons and muscles in respect of the characteristic speeds of their responses. *J Physiol (London)* 1960; 150: 417-439.
2. Grandjean PA, Herpers L, Smits K, Bourgeois I, Chachques JC, Carpentier A: Implantable electronics and leads for muscular cardiac assistance, in Chiu RCJ (ed): *Biomechanical cardiac assist. Cardiomyoplasty and muscle-powered devices*. Mount Kisco, New York, Futura Publishing Company, Inc., 1986, pp 103-114.
3. Marechal G, Carraro U (eds): *Muscle and Motility (Vol 2)*. Andover, Hampshire, Intercept, 1990; pp 1-389.

for *Communications*

1. Buller AJ, Eccles JC, Eccles R: *J Physiol (London)* 1960; 150: 417-439.
2. Grandjean PA, Herpers L, Smits K et al: in Chiu RCJ (ed): *Biomechanical cardiac assist. Cardiomyoplasty and muscle-powered devices*. Mount Kisco, New York, Futura Publishing Company, Inc., 1986, pp 103-114.
3. Marechal G, Carraro U (eds): *Muscle and Motility (Vol. 2)*. Andover, Hampshire, Intercept, 1990; pp 1-389.

"Unpublished observations", "personal communications", and information that has been obtained from manuscripts "submitted for publication" but not yet accepted should not appear in the references but should be cited in brackets in the text. Unpublished observations should include the authors, the year, and should be accompanied by letters of permission from all individuals cited; quotations from manuscripts that have been submitted for publication should include the authors, the title of the manuscript and the date. Manuscripts that have been accepted for publication but have not yet published may appear in the references. Include the authors, manuscript title and name of journal, followed by "to be published" in (brackets).

Copyright. The publication agreement should be signed by all authors.

REVIEW AND PRODUCTION PROCESS

Manuscripts are examined by the Editor and at least two reviewers, who are informed of the confidential nature of the review process. Decisions of the Editor are final. All material accepted for publication is subjected to copyediting. Authors will receive page proofs of their article before publication, and should answer all queries and carefully check all editorial changes at this stage. Authors are asked to check for misprints or syntactic errors and not to otherwise revise the manuscript.

Authors are responsible for the scientific content of their article.