

ANNOUNCEMENT

INTERNATIONAL MEETING
PHYSICAL CHARACTERIZATION OF BIOLOGICAL CELLS

25 to 29 September, 1988 at Wilhelm-Pieck-University,
Rostock, Germ.Dem.Rep.

Organized by H.Klinkmann (Chairman) and W.Schütt (Co-Chairman)

This international conference, third in the series organized in Rostock, is intended to enlarge and improve understanding between scientists from all over the world working on characterization of biological cells. In contrast to preceding conferences the scientific programme is not only restricted to cell electrophoresis but also includes other modern physical methods for characterization of cells.

Invited lectures on selected topics:

1. Cell Electrophoresis
2. Dielectrophoresis
3. Electrorotation
4. Laser Scanning Microscopy
5. Magnetophoresis
6. Tunneling Scanning Microscopy
7. Video Imaging
8. Cytophotometry

Oral and poster presentation:

1. Theoretical background of methods
2. New techniques
3. Cell differentiation
4. Effect of exogenic factors on cells (e.g. drugs, antibodies, radiation, environment)
5. Clinical studies/applications

For further information contact:

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THE FIFTH INTERNATIONAL SYMPOSIUM
BIOPHYSICS OF CELL SURFACE

29 September to 3 October, 1988 Kühlungsborn (Baltic Sea),
Germ.Dem.Rep.

Organized by the Society for Physical and Mathematical Biology of the GDR in collaboration with the Humboldt-University, Berlin, Dept. Biology, Division of Biophysics under the sponsorship of the IUPAB and the UNESCO-Project and the CMEA-Research Programme in Biophysics.

Conference Chairman: R. Glaser (Berlin)

This symposium continues discussions of the previous meetings, the paper of which were published in the journal STUDIA BIOPHYSICA (No. 56, 74, 90 and 110).

The following subjects will be of central interest especially in view of its application in biotechnology and medicine:

1. Membranes and electrical fields - biophysical basis and measuring techniques
2. Biophysics of cell contact and membrane fusion processes
3. Modulation and regulation of cellular functions by membrane electrostatics and lipid-protein interactions

Further aspects will be included in the poster session and round table discussions.

For further information contact:

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THE SCOTT BLAIR BIORHEOLOGY SCHOLARSHIP 1988

In memory of the work and example of Dr. G. W. Scott Blair, Pergamon Press will sponsor a scholarship to encourage excellence in research in biorheology, and to enable the recipient to undertake research activities which would not normally be possible without such a grant, such as a period of work at an overseas University. The scholarship will be administered by the Council of the British Society of Rheology.

PhD students, or equivalent, who are completing their first year of research in the field of biorheology, may apply to become the Scott Blair Biorheology Scholarship Awardee.

The scholarship will have a value of £500 per annum to be used at the absolute discretion of the Awardee. Subject to a satisfactory report from his supervisors, the scholarship will be renewable for a maximum of one more year. Thus it will usually be available during the second and third years of a normal PhD project.

In addition to the annual payment, Council will consider applications for funding to attend conferences. The Awardees will be expected to present the results of their research at meetings of the British Society of Rheology, and will be encouraged to publish them in the Journal BIORHEOLOGY in accordance with its editorial policy.

The award of the scholarship will be decided by Council, who cannot enter into correspondence with unsuccessful applicants, and who reserve the right not to award a scholarship in any particular year.

Applications for the 1988 Scott Blair Biorheology Scholarship should reach the British Society of Rheology no later than 1 November 1988. The application should be no more than two sides of A4 paper and contain: personal details of the applicant, a description of the research, notes on any special uses envisaged for a proportion of the scholarship, and an endorsement from a person with supervisory responsibility for the research.

THE SECRETARY OF THE BRITISH SOCIETY OF RHEOLOGY

For further information write to:

R. E. Carter, Secretary of the British Society of Rheology
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