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PROCEEDINGS - PART I

SEVENTH INTERNATIONAL CONGRESS OF BIORHEOLOGY

NANCY, FRANCE, 18-23 JUNE 1989

PREFACE AND EDITORIAL

This double issue of BIORHEOLOGY, comprising numbers 3 and 4 of volume 27, represents Part I of the Proceedings of the Seventh International Congress of Biorheology. The Congress was held at the Palais des Congrès in Nancy, France from 18 to 23 June 1989. This special issue is dedicated to Richard Skalak, the Ninth Recipient of the Poiseuille Gold Medal Award, which is the highest honor of the International Society of Biorheology. Richard Skalak's portrait is placed as the frontispiece of this double issue. It contains the Laudatio by Alex Silberberg, the speech of the presentation of the Poiseuille Gold Medal by Alfred L. Copley, and the Poiseuille Award Lecture, entitled 'Capillary Flow: Past, Present and Future'.

The President of the Congress was Jean-François Stoltz, who was reelected as President of the International Society of Biorheology. The two General Secretaries of the Congress were Mireille Donner and Edith Puchelle.

The Eighth International Congress of Biorheology will be held in Yokohama, Japan in the summer of 1992 with Yukihide Isogai as its President. During the week following the Eighth Congress, two Satellite Symposia are planned to be held in China. One Symposium will be on Theoretical and Experimental Biorheology, while the other will be on Clinical Biorheology.

This special issue contains three Plenary Lectures. They are: 'On Mucociliary Transport' by Alex Silberberg, 'Rheological Aspects of Red Blood Cell Aggregation' by Richard Skalak, and 'Molecular Basis of Red Cell Membrane Rheology, Part 1', by Shu Chien and associate. Part 2 of Shu Chien's expanded Plenary Lecture will be published in a forthcoming issue of BIORHEOLOGY in Part III of the Proceedings. The latter is also expected to contain the Plenary Lecture by Patrick Sourander, entitled 'Neurobiorheology - A New Branch of Biorheology. Historical Background and Current Ideas'. It is anticipated that the Plenary Lecture 'Blood Rheology and the Microcirculation' by Peter Gaehtgens, the reelected Secretary General of the International Society of Biorheology, as well as the Plenary Lecture 'Recent Trends in Clinical Hemorheology' by Holger Schmid-Schönbein will be published as soon as possible.

Four Congress Symposia are included in this issue. The Symposium 'Spectroscopic Techniques in Biorheology', edited by T. Koyama, M. Donner and T. Arais, has five communications. The Symposium 'Leukocyte Adhesion - Rheological, Biophysical and

Pharmacological Approaches', with seven communications was edited by G.W. Schmid-Schönbein and J. Hakim. The Symposium 'Cellular and Molecular Aspects of Mucus and Cilia', edited by E. Puchelle, has eleven communications. The Symposium 'The Role of Fluid Viscosity in Cellular and Biochemical Processes', edited by S. Yedgar, consists of four communications.

We are deeply saddened by the death of our colleague Daniel Sandoz (1944-1990). Unfortunately, he was severely ill and could not edit, for publication in BIORHEOLOGY, his Plenary Lecture 'Organization of Cytoskeleton in Mucociliary Epithelium' as he had hoped. A special tribute to Daniel Sandoz is given by Edith Puchelle and a portrait photograph of him is placed in this issue. We express the deeply felt sympathies of the members of the Editorial and Advisory Boards of Biorheology as well as of the members of the International Society of Biorheology to Professor Sandoz's family and friends. We feel certain that our Readers join us in these condolences.

Part II of the Proceedings deals with six communications of the Symposium 'Methods in Clinical Hemorheology', edited by Siegfried Witte. It will be published in the next issue of CLINICAL HEMORHEOLOGY, 10, Nr. 4, which is in press. Since this Symposium deals also with experimental hemorheology, it will likewise be published in the issue of BIORHEOLOGY which contains Part III of the Proceedings.

Subsequent Parts of the Proceedings of the Congress will contain the communications of the remaining Symposia. They will be published as soon as possible in BIORHEOLOGY or CLINICAL HEMORHEOLOGY soon after their Editors accept them for publication.

We encourage the submission of Papers, based on Free Communications and Posters, for publication in BIORHEOLOGY or CLINICAL HEMORHEOLOGY to an Editor of the author's choice. We should like to reiterate the policy of BIORHEOLOGY and CLINICAL HEMORHEOLOGY, the two Official Journals of the International Society of Biorheology, that communications (Papers, Brief Communications or Mini-Reports) dealing with clinical hemorheology are published in CLINICAL HEMORHEOLOGY. Such Congress Communications will be identified on their title pages as belonging to the Proceedings of the Seventh International Congress of Biorheology.

A Joint BIORHEOLOGY and CLINICAL HEMORHEOLOGY Dinner Meeting was held during the Congress at Château d'Adoménil. Dr. Pieter S.H. Bolman, Managing Director of Pergamon Press, Oxford, England participated in this Editorial Dinner Meeting. It was held in the charming dining room of the old Château, which is located in a beautiful landscape. The presidents of different national societies were also invited to this event.

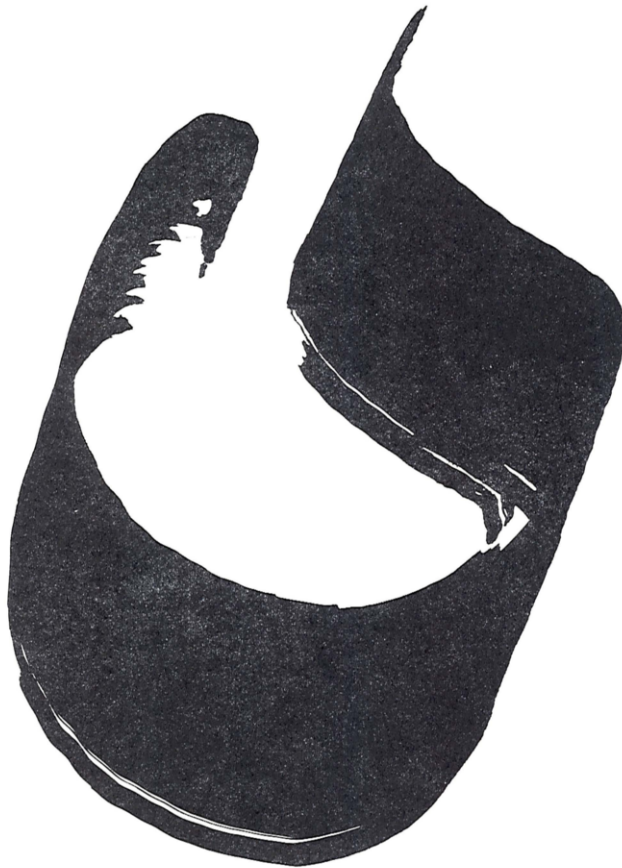
A.L. Copley

J.F. Stoltz

A Note on the Logo of the International Society of Biorheology

Jean-François Stoltz, President of the International Society of Biorheology and President of the Seventh International Congress of Biorheology decided to use the Logo, reproduced below, as the Logo for this Congress. He also considered it to be the Logo of the Society.

The Logo, titled 'Theme of Biorheology III', was painted in 1985 by L. Alcopley upon the wish of Donald E. Brooks, to serve as the Logo of the Sixth International Congress of Biorheology, Vancouver, Canada, 1986.



L. Alcopley 1985

Logo of the International Society of Biorheology