
Contents of Volume 32, 1995

VOLUME 32, NUMBER 1 JANUARY-FEBRUARY 1995

Contents

Review

Synovial fluid lipids and apolipoproteins: A contemporary perspective

Papers

Flow conductivity of rat dermis is determined by hydration

J. L. Bert and R. K. Reed

The pressure-flow relation in resting rat skeletal muscle perfused with pure erythrocyte suspensions

D. W. Sutton and G. W. Schmid-Schönbein

An LDA and flow visualization study of pulsatile flow in an aortic bifurcation model

T. Naiki, K. Hayashi and S. Takemura

Flow patterns in three-dimensional left ventricular systolic and diastolic flows determined from computational fluid dynamics

T. W. Taylor and T. Yamaguchi

Flow cytometric studies of platelet responses to shear stress in whole blood


Erratum

95

97

Announcements

99

Contents of Clinical Hemorheology, Volume 14, Number 4
VOLUME 32, NUMBERS 2-3

MARCH-JUNE 1995

Contents

ABSTRACTS

9th International Congress of Biorheology and
2nd International Conference on Clinical Hemorheology
Big Sky, Montana, U.S.A.
23-28 July 1995

G. R. Cokelet and H. L. Goldsmith

Preface

Daily Program Contents

Abstracts

Plenary Sessions

Debate

Special Report

Symposia

Free Communications

Contents of Clinical Hemorheology,
Volume 14, Number 5

Author Index

VOLUME 32, NUMBER 4

JULY-AUGUST 1995

Contents

Editorial

Papers

R. Yamamoto

421 Dependence of water conductivity on pressure and temperature in plant stems

M. Marquart, A. M. Jamieson, J. Blackwell and T. Čerken

431 Solvent effects on the viscoelastic behavior of porcine submaxillary mucin
List of Contents, Volume 32, 1995

X. He and D. N. Ku 447 Flow in T-bifurcations: Effect of the sharpness of the flow divider


A. Rachev, S. E. Greenwald, T. P. C. Kane, J. E. Moore, Jr. and J. J. Meister 473 Analysis of the strain and stress distribution in the wall of the developing and mature rat aorta

S. Chen, B. Gavish, S. Zhang, Y. Mahler and S. Yedgar 487 Monitoring of erythrocyte aggregate morphology under flow by computerized image analysis

497 Erratum

499 Announcement

501 Contents of Clinical Hemorheology, Volume 14, Number 6

VOLUME 32, NUMBER 5 SEPTEMBER-OCTOBER 1995

Contents

Papers

G. B. Thurston and N. M. Henderson 503 Impedance of a fibrin clot in a cylindrical tube: Relation to clot permeability and viscoelasticity

S. Kawakami, M. Kaibara, Y. Kawamoto, and K. Yamanaka 521 Rheological approach to the analysis of blood coagulation in endothelial cell-coated tubes: Activation of the intrinsic reaction on the erythrocyte surface

H. L. Goldsmith, E. S. Kaufer, and F. A. McIntosh 537 Effect of hematocrit on adenosine diphosphate-induced aggregation of human platelets in tube flow

G. M. Artmann 553 Microscopic photometric quantification of stiffness and relaxation time of red blood cells in a flow chamber

C. Godin, M. Violleau, and A. Caprani 571 Electrochemical analysis of blood cell/substrate interactions under flow conditions

589 Erratum

591 Contents of Clinical Hemorheology, Volume 15, Number 1
H. L. Goldsmith
S. Witte
Z. Priel
E. Fukada
Y. Kawamura, T. Hoson, S. Kamisaka and R. Yamamoto
W. R. Burghardt, T. K. Goldstick, J. Leneschmidt and K. Kempa
R. A. Adams, S.-A. Evans, F. Kooshesh and J. G. Jones
R. K. Banerjee, L. H. Back and Y. I. Cho

Contents

Editorial

Photograph of Drs. Hellmut Hartert and Alex Silberberg

Memorial Address: Hellmut Hartert

Memorial Address: Alex Silberberg

Papers

Poiseuille Medal Award Lecture: Piezoelectricity of biopolymers

Formulation of pre-extension in a practical stress-relaxation measurement of the plant cell wall

Nonlinear viscoelasticity and the thrombelastograph: 1. Studies on bovine plasma clots

Brief Communication: Recording of unexpectedly high frequency vibrations of blood vessel walls in experimental arteriovenous fistulae of rabbits using a laser vibrometer

The effects of temperature on the filtration of diluted blood through 3 μm and 5 μm filters

Flow-pressure drop measurement and calculation in a tapered femoral artery of a dog

Announcement

Contents of Clinical Hemorheology, Volume 15, Number 2

List of Contents and Author Index Volume 32, 1995
<table>
<thead>
<tr>
<th>Author</th>
<th>Title</th>
<th>Author</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adams, R. A.</td>
<td>Hellums, J. D.</td>
<td>Naiki T.</td>
<td></td>
</tr>
<tr>
<td>Artmann, G. M.</td>
<td>Henderson, N. M.</td>
<td>Poll, A.</td>
<td></td>
</tr>
<tr>
<td>Back, L. H.</td>
<td>Hoson, T.</td>
<td>Prete, P. E.</td>
<td></td>
</tr>
<tr>
<td>Banerjee, R. K.</td>
<td>Jamieson, A. M.</td>
<td>Priel, Z.</td>
<td></td>
</tr>
<tr>
<td>Bañez, E. I.</td>
<td>Jones, J. G.</td>
<td>Rachev, A.</td>
<td></td>
</tr>
<tr>
<td>Bert, J. L.</td>
<td>Kaibara, M.</td>
<td>Reed, R. K.</td>
<td></td>
</tr>
<tr>
<td>Blackwell, J.</td>
<td>Kamisaka, S.</td>
<td>Schmid-Schönbein, G. W.</td>
<td></td>
</tr>
<tr>
<td>Burghardt, W. R.</td>
<td>Kane, T. P. C.</td>
<td>Shattil, S. J.</td>
<td></td>
</tr>
<tr>
<td>Caprani, A.</td>
<td>Kashyap, M. L.</td>
<td>Stehbens, W. E.</td>
<td></td>
</tr>
<tr>
<td>Chen, S.</td>
<td>Kaufer, E. S.</td>
<td>Sutton, D. W.</td>
<td></td>
</tr>
<tr>
<td>Cho, Y. I.</td>
<td>Kawakami, S.</td>
<td>Takemura, S.</td>
<td></td>
</tr>
<tr>
<td>Cohen, M. I.</td>
<td>Kawamoto, Y.</td>
<td>Tarbell, J. M.</td>
<td></td>
</tr>
<tr>
<td>Erhardt, W.</td>
<td>Kawamura, Y.</td>
<td>Taylor, T. W.</td>
<td></td>
</tr>
<tr>
<td>Evans, S.-A.</td>
<td>Kempka, K.</td>
<td>Thurston, G. B.</td>
<td></td>
</tr>
<tr>
<td>Fukada, E.</td>
<td>Konstantopoulos, K.</td>
<td>Udden, M. M.</td>
<td></td>
</tr>
<tr>
<td>Gavish, B.</td>
<td>Kooshesh, F.</td>
<td>Violleau, M.</td>
<td></td>
</tr>
<tr>
<td>Gerken, T.</td>
<td>Ku, D. N.</td>
<td>Wang, D.-M.</td>
<td></td>
</tr>
<tr>
<td>Godin, C.</td>
<td>Lenschmidt, J.</td>
<td>Witte, S. vii</td>
<td></td>
</tr>
<tr>
<td>Goldsmith, H. L.</td>
<td>Liepsch, D. W.</td>
<td>Wu, K. K.</td>
<td></td>
</tr>
<tr>
<td>Goldstick, T. K.</td>
<td>Mahler, Y.</td>
<td>Yamaguchi, T.</td>
<td></td>
</tr>
<tr>
<td>Greenland, S. E.</td>
<td>Marquart, M.</td>
<td>Yamamoto, R.</td>
<td></td>
</tr>
<tr>
<td>Gurakar-Osborne, A.</td>
<td>Mcintosh, F. A.</td>
<td>Yamanaka, K.</td>
<td></td>
</tr>
<tr>
<td>Hayashi, K.</td>
<td>Meister, J. J.</td>
<td>Yedgar, S.</td>
<td></td>
</tr>
<tr>
<td>He, X.</td>
<td>Moore, J. E., Jr.</td>
<td>Zhang, S.</td>
<td></td>
</tr>
</tbody>
</table>

*This Author Index does not include an index of authors from Vol. 32, Nos. 2–3, which contains its own index of authors of abstracts for the Big Sky Conference.*