CLINICAL HEMORHEOLOGY - LITERATURE SURVEY

Editor: E. Ernst

The key words were chosen for this section by the Editor. The English titles, given in brackets, are usually the translations by the authors. The asterisk (*) indicates the name of the author to whom requests for reprints should be addressed.

The statement "No address available" indicates, that it did not appear on the computer printout consulted by the Editor.

The Readers of our Journal are encouraged to send information regarding their own publications in journals other that CLINICAL HEMORHEOLOGY and BIORHEOLOGY to E. Ernst (address see cover) and, if possible, reprints as well.

Key words: blood platelets, coronary disease, thrombosis, blood flow velocity, review
Address for reprints: Mount Sinai School of Medicine, City University of New York, New York 10029, USA.

Key words: blood viscosity, diabetes mellitus, rheology, erythrocyte deformability
Address for reprints: Barnet General Hospital, Welhouse Lane, Barnet, Herts, U.K.

Key words: blood flow velocity, omega-3-fatty acids, blood viscosity
Address for reprints: Department of Clinical Nutrition, University of Kentucky, Lexington 40536, USA.
Key words: erythrocyte membrane, obesity, spin label 
Address for reprints: Istituto di Biochimica, Facolta di Medicina e Chirurgia, Ancona, Italy.

Key words: blood viscosity, death, human, rheology 
Address for reprints: Kanematsu Memorial Institute, Sydney Hospital, Sydney 2000, Australia.

Key words: calcium, erythrocyte deformability, calcium stress 
Address for reprints: Department of Pharmacology, School of Medicine, University of Washington, Seattle, USA.

Key words: blood preservation, erythrocyte deformability, transfusion 
Address for reprints: College of Pharmacy, Idaho State University, Pocatello 83209, USA.

Key words: exercise, intermittent claudication, review, rheology 
Address for reprints: Hemorheology Research Laboratory, Department of Physical Medicine, University of Munich, Ziemssenstr. 1, 8000 Munich 2, FRG.

Key words: anemia, erythrocyte membrane, hemoglobin, rheology 
Address for reprints: Department of Pathology, University of British Columbia, Vancouver, Canada.

Key words: eye diseases, blood viscosity, diabetic retinopathy, hyperlipidemia, leukemia, retinal vein occlusion, venous insufficiency 
Address for reprints: Tennent Institute of Ophthalmology, Western Infirmary, Glasgow, UK.

Key words: aging, arachidonic acids, leukocytes, pentosan polysulfuric polyester, blood cell count, blood circulation, blood viscosity, hematocrit 
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Address for reprints: Massada Center for Heart Disease, Bellinson Medical Center, Petah Tikva 49100, Israel.


Address for reprints: School of Biological Sciences, Macquarie University, Sydney, NSW, Australia.


Address for reprints: Department of Biological Research, Gist-brocdades N.V., Delft, The Netherlands.


Address for reprints: Department of Internal Medicine and Clinical Chemistry, University Hospital, Amsterdam, The Netherlands.


Address for reprints: MRC Clinical Psychiatry Research Unit, Groote Schuur Hospital, Dept. of Psychology, Observatory 7925, Cape Town, South Africa.


Address for reprints: Department of Physiology, Ehime University, School of Medicine, Japan.


Address for reprints: Department of Medicine, George Washington University Medical Center, Washington, D.C. 20037, USA.
Key words: cerebral ischemia, erythrocyte deformability, oxygen, cerebral arteriosclerosis (English abstract)
No address available.

Key words: cerebrovascular disorders, erythrocyte deformability, hypertension, blood viscosity (English abstract)
No address available.

Key words: cerebrovascular disorders, cerebrovascular circulation, review Address for reprints: Department of Psychiatry and Neurology, University of Graz, Austria.

Key words: microcirculation, shock, rheology, review Address for reprints: Inst. Physiologie, Arnimallee 22, 1000 Berlin 33, FRG.

Key words: blood flow velocity, vascular resistance, blood viscosity, rheology Address for reprints: Hal B. Wallis Research Facility, Eisenhower Medical Center, Rancho Mirage, California 92270, USA.

Key words: fibrinogen, cardiovascular risk factors Address for reprints: MRC Epidemiology and Medical Care Unit, Northwick Park Hospital, Harrow, Middlesex HA1 3UJ, UK.

Key words: postoperative complications, thromboembolism, pentoxifylline, blood coagulation, blood viscosity Address for reprints: Clinical Research Department, Hoechst AG Werk Albert, Wiesbaden, FRG.
Key words: calcium, erythrocyte deformability (English abstract)
Address for reprints: 2nd Department of Physiology, School of Medicine, Ehime University, Japan.

Key words: hemodynamics, rheology, graft occlusion, thrombosis, transplantation, vascular resistance
Address for reprints: Department of Vascular Surgery, St. Mary's Hospital Medical School, London, UK.

Key words: blood sedimentation, erythrocyte aggregation, erythrocyte deformability, hematocrit
Address for reprints: University Medical School, Tokyo, Japan.

Key words: erythrocyte deformability, filtration, microscopy, scanning
Address for reprints: Department of Physiology, Columbia University, College of Physicians and Surgeons, New York, NY 10032, USA.

Key words: erythrocyte deformability, filtration, microcirculation, blood flow velocity, hematocrit
Address for reprints: as above

Key words: blood viscosity, cell aggregation, erythrocyte deformability, rheology
Address for reprints: Department of Physiology, Freie Universitat Berlin, FRG.

Key words: blood flow velocity, rheology, blood viscosity, erythrocyte deformability
Address for reprints: Department of Physiology, University of Arizona, Tucson 85724, USA.

Key words: erythrocyte deformability, blood viscosity, microcirculation, pulmonary circulation
Address for reprints: Department of Physiology and Cellular Biophysics, Columbia University, College of Physicians and Surgeons, New York, NY 10032, USA.


TEITEL, P. The contribution of haemorheology to the understanding of microcirculatory disorders. An introductory overview. Drugs 33: 5-11, 1987. Key words: blood viscosity, microcirculation, vascular diseases, erythrocyte aggregation, erythrocyte deformability. Address for reprints: Abteilung Physiologie, Medizinische Fakultät, RWTH Aachen, Neues Klinikum, FRG.

