BLOOD — The Journal of Hematology

CONTENTS

Letter to the Readers of BLOOD From the Editor .......... Ernst R. Jaffe 605

Hamid A. B. Al-Mondhiry, Sophie B. Bilezikian, and Hymie L. Nossel 607

Some Factors Affecting Fibrinogen Precipitation by Ristocetin: Ultrastructure of Precipitates ……… Chung-hsin Ts’ao, David Green, and Ennio C. Rossi 621

The Role of Granulocytes in the Activation of Intravascular Coagulation and the Precipitation of Soluble Fibrin by Endotoxin
Gert Müller-Berghaus and Thomas Eckhardt 631

Isoleucine Metabolism by Leukemic and Normal Human Leukocytes in Relation to Cell Maturity and Type …………….. C. Patrick Burns 643

De Novo Appearance of the Ph1 Chromosome in a Previously Monosomic Bone Marrow (45,XX,-6): Conversion of a Myeloproliferative Disorder to Acute Myelogenous Leukemia
Gertrude Kohn, Noga Manny, Amiram Eldor, and Maimon M. Cohen 653

Effects of Erythropoietin on Erythroid Colony Formation in Uremic Rabbit Bone Marrow Cultures ….. Y. Moriyama and James W. Fisher 659

Effects of Testosterone and Erythropoietin on Erythroid Colony Formation in Human Bone Marrow Cultures ……… Y. Moriyama and James W. Fisher 665

Direct Effects of Thyroid Hormones on Bone Marrow Erythroid Cells of Rats ………………….. Luis A. Malgor, Carlos C. Blanc, Elisa Klainer, Susanna E. Irizar, Pedro R. Torales, and Lilian Barrios 671

A Primary Stem Cell Lesion in Experimental Chronic Hypoplastic Marrow Failure ……… Alec Morley, Kevin Trainor, and Judith Blake 681

Ferritin Iron Absorption in Man ………………….. Miguel Layriss, Carlos Martinez-Torres, Martha Renzy, and Irene Leets 689

Hemolysis and Iodination of Erythrocyte Components by a Myeloperoxidase-mediated System …………. Seymour J. Klebanoff and Robert A. Clark 699

The Effect of EDTA, Cations, and Various Buffers on the Morphology of Erythrocyte Membranes: An Electron-microscopic Study
L. Pinteric, J. F. Manery, Irshad H. Chaudry, and G. Madapallimattam 709

(Continued following page)
xxii  BLOOD—THE JOURNAL OF HEMATOLOGY

(Contents continued)

SPECIAL DEPARTMENTS

Abstracts ........................................................................................................ 725
Correspondence: Erythropoietin; Foà-Kurloff Cells ......................... 734
News and Views .......................................................................................... 736
Information for Contributors ................................................................. xxv

DON'T READ THIS AD

(If you’re not interested in RBC or WBC

osmotic fragility

or Platelet Aggregation)

In just 3½ minutes, the Fragiligraph records and measures the fragility of erythrocytes. In just 7 minutes, the Fragiligraph records and measures the fragility of leukocytes. Additionally, an adaptor is being made available which determines platelet aggregation—eliminating the need for a separate costly instrument for this procedure alone.

All completely automatic, all measured in minutes, all read at a glance. And all in one instrument, the Fragiligraph.

In present use at an impressive array of clinical and research centers, the Fragiligraph is now recognized as a valued adjunct in such broad spectrum areas as: Blood Preservation and Survival, Pediatrics, Oncology; Radiation, Pressurization, Kidney Dialysis; Mechanical Trauma and Toxicological Studies, among others.

For elaborated details on the above, write to us and receive all 35 of the published current literature.

Unless you’re not interested in rapid automated tests for RBC or WBC osmotic fragility. Or platelet aggregation. And haven’t read this ad.

KALMEDIC INSTRUMENTS, INC.
SUBSIDIARY OF KALVEX, INC.
425 PARK AVENUE NEW YORK CITY 10022