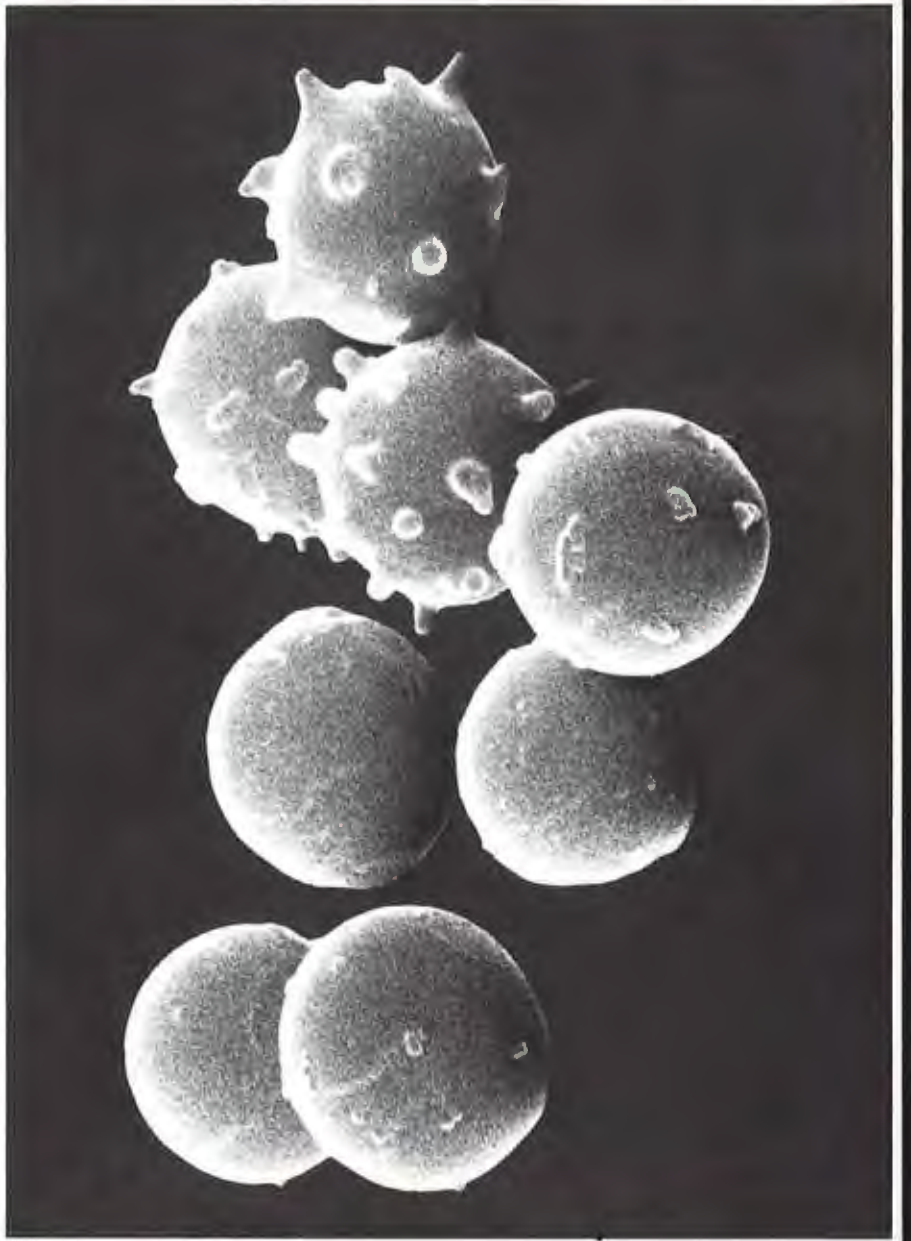


# Vox Sanguinis

International Journal of Blood Transfusion and Immunohaematology

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February 1984



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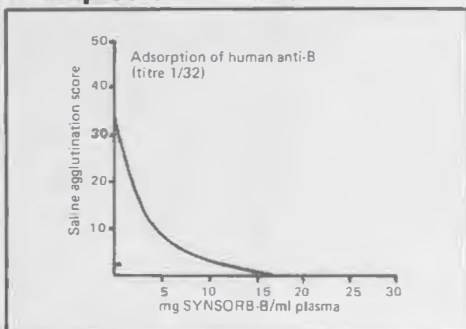
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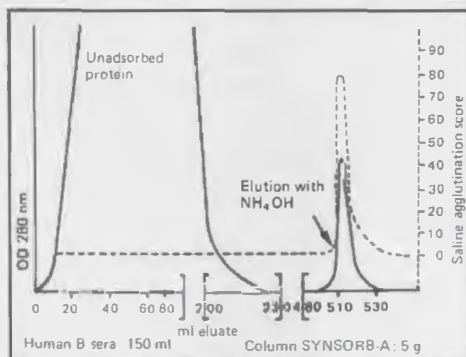
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Research and bulk quantities.

### References

- 1 Knowles, R.W.: J. Immunogenet. 9: 69 (1982).
- 2 Roberts, D.D.: J. biol. Chem. 257: 9198 (1982).

- \* Experiments carried out in our laboratories.
- \*\* SYNSORBs are covered by patents in the United States of America, Canada and other countries.

Information and Bibliography can be obtained from:

## Chembiomed Ltd.

W5-56 Chemistry Building, University of Alberta,  
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# Vox Sanguinis

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Founded 1956 by J.J. van Loghem, L.P. Holländer †, J. Dausset, A. Hässig and J. Julliard † (formerly Bulletin of the Central Laboratory of the NRC Blood Transfusion Service, founded 1951)

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- II. *Immunohaematology:* Autoimmunity and alloimmunity of blood; immunodiagnostic and immunotherapeutic procedures in relation to malignant blood diseases and other disorders of the blood; complement; immune reagents.
- III. *Immunogenetics:* Genetic markers of blood cells and serum proteins; genetic markers and disease.

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*b) Books:* 1. Authors' surnames with initials of first names; 2. Full title; 3. In brackets, name and domicile of publisher and year of publication. Example: Pollack, R.S.: Tumor surgery of the head and neck (Karger, Basel 1975).

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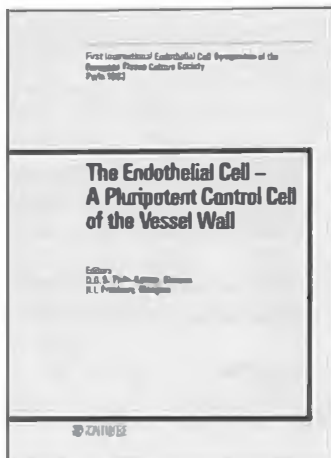


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# The Endothelial Cell – A Pluripotent Control Cell of the Vessel Wall

1st International Endothelial Cell Symposium of the ETCS, Paris, July 1982

Editors: D.G.S. Thilo-Körner, Giessen; R.I. Freshney, Glasgow



Endothelial cells, which form the inner lining of the blood vascular system, are now known to play an active role in a number of key biological functions. Supported by advances in cell culture technology, recent studies have further demonstrated an association between the biological activity of these cells and several important pathological events.

This volume summarizes developing knowledge through a collection of research reports and reviews focused on the physiology and pathophysiology of the endothelial cell. Although primarily concerned with exploring functions and interactions at the biochemical level, **these contributions also show how new knowledge has improved understanding of disorders ranging from the pathogenesis of atherosclerosis to the mechanisms of tumor cell invasion.** Particular emphasis has been placed on the ways in which cell culture technology has facilitated recognition of the biological and functional diversity of this cell.

Given the growing appreciation for the significance of the endothelial cell and its diverse biological functions, the volume should attract considerable interest among cell biologists and specialists in atherosclerosis, thrombosis, microcirculatory and angiology research.

#### Fields of Interest

Cardiovascular System; Internal Medicine; Pathology; Angiology, Arteriosclerosis, Biochemistry, Cytology, Hematology, Histology, Immunobiology, Microcirculation, Oncology

#### Contents

Introduction: Historical Development of Endothelial Cell Research  
Culture of Endothelial Cells for the Study of Angiogenesis in vitro  
Endothelial Cell Control Functions in Blood Coagulation  
Immunological Probes for the Study of Endothelial Cell Diversity  
Phenotypes of Cultured Endothelium: Expression of Angiotensin-Converting Enzyme Activity  
Assessment of Endothelial Damage Based on the Responses of Cultured Aortic Endothelial Cells to Oxygen Radicals and Hydrogen Peroxide  
Granulocyte Adhesion to Desialylated Arterial Endothelium: A Possible Mechanism  
Interaction of Lipoproteins with Cultured Endothelial Cells  
Dynamic Maintenance of the Endothelium  
In vitro Studies on Tumor Cell Interaction with the Vascular Endothelium and the Subendothelial Basal Lamina: Relationship to Tumor Cell Metastasis  
Endothelial Cells in Culture. A Literature Survey on Isolation, Harvesting, Cultivation, Medium and Serum Composition, Cell Counting, Gas Atmosphere, and Confluency Rates

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Aegean Medical School,  
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This meeting will cover all aspects of haematology. The main topics  
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of red cells in different diseases.

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# Experimental Hematology Today 1982

Volume Editors: S.J. Baum; G.D. Ledney, Bethesda, Md.; S. Thierfelder, Munich



***'The volumes of this series are always awaited with great expectations ... invaluable for hematologists and immunologists as well as for clinicians.'***

International Archives of Allergy and Applied Immunology

The third yearbook in this series attests to the necessity of an annual progress report in the field of experimental hematology. As the 8 sections in this volume indicate, hematology research continues to evolve rapidly. Discussions on the physiologic regulation of hematopoiesis, lymphocyte proliferation, erythropoiesis, and hematopoietic cell lines are much more detailed than in previous yearbooks, with each of these topics meriting its own section. Information on bone marrow transplantation is consolidated in two separate sections, one dealing with experimental findings and the other with clinical implications. The 1982 volume also marks the first time that the series has featured work on radiation hematology and on the characterization of cell membrane receptors.

Each contribution to this volume represents new advances in ex-

perimental hematology, and shows how findings correlate with clinical considerations in hematology, immunology, physiology, and cancer research. The yearbook will be an indispensable aid for specialists in the basic and applied branches of all of these fields.

#### **Fields of Interest**

Hematology; Immunology; Immunobiology, Physiology, Radiobiology, Transfusion, Transplantation

#### **Main Headings**

Hematopoietic Regulators  
Erythropoiesis  
Lymphocyte Proliferation  
Experimental Bone Marrow Transplantation  
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Hematopoietic Cell Lines  
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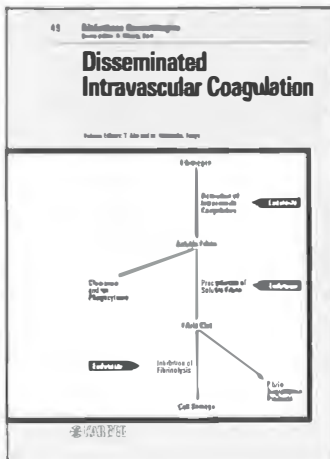
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Volume Editors:  
T. Abe; M. Yamanaka, Tokyo

# Disseminated Intravascular Coagulation

Proceedings of an International Symposium, Tokyo, November 1981



Disseminated intravascular coagulation (DIC), a pathological entity which has only recently achieved recognition, is attracting increasing interest due to both its significance in several disease states and the intriguing events involved in its pathogenesis. This volume consolidates the work of international authorities now contributing to progress in understanding DIC at both the basic and clinical levels. Based on an international sym-

posium, the volume gives readers access to an exceptionally broad range of findings, conceptual problems and therapeutic strategies relevant to the recognition and treatment of this symptoms complex. Particular emphasis is placed on data useful in establishing clinical guidelines for early diagnosis and more reliable determinations of prognosis.

Contributions have been organized into six main sections. In the first two, readers will find reports of new studies designed to clarify the complex mechanisms involved in the pathogenesis and pathology of DIC. Subsequent papers concentrate on the specific role of platelets and attempt to determine the distinct pathological features which characterize this symptoms complex and facilitate its recognition. Clinical concerns are addressed in the remaining two sections, which describe management problems as defined through the personal experiences of the authors. New technical developments relevant to improved diagnosis and therapy are also covered.

Apart from its value in allowing a consolidated view of diverse lines of study, the book records a number of contrasting experiences and opinions which serve to express ongoing controversies centered on the definition of DIC and the most appropriate strategies for its management. As such, the book should find an appreciative audience among hematologists, immunologists, rheologists and oncologists who will benefit from seeing how new work on DIC is contributing to basic and clinical knowledge in all these fields.

#### Fields of Interest

Hematology; Cardiovascular System; Pathology; Angiology, Biochemistry, Immunology, Infectious Diseases, Internal Medicine, Leukemia, Oncology, Phlebology, Serology, Surgery, Transfusion

#### Contents

Pathogenesis of Disseminated Intravascular Coagulation · Pathology of Disseminated Intravascular Coagulation · Platelets in Disseminated Intravascular Coagulation · Pathophysiology of Disseminated Intravascular Coagulation · Diagnosis of Disseminated Intravascular Coagulation · Therapy for Disseminated Intravascular Coagulation

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#### Disseminated Intravascular Coagulation

Proceedings of an International Symposium, Tokyo, November 1981

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# Vox Sanguinis

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## Vol. 46, No. 2, 1984

Obituary . . . . . 65

### Original Papers

**Immunochemical Characterization of a Monoclonal Anti-Le<sup>b</sup> Blood Grouping Reagent**  
Messeter, L.; Brodin, T.; Chester, M.A.; Karlsson, K.-A.; Zopf, D.; Lundblad, A. (Lund/Gothenburg/Bethesda, Md.) . . . . . 66

**Effect of ABO Group, Secretor Status and Sex on Cold Hemagglutinins in Normal Adults**  
Dube, V.E.; Tanaka, M.; Chmiel, J.; Anderson, B. (Evanston, Ill.) . . . . . 75

**Inactivation of Non-A, Non-B Virus Infectivity by a Beta Propiolactone/Ultraviolet Irradiation Treatment and Aerosil Adsorption Procedure Used for Preparation of a Stabilized Human Serum**  
Prince, A.M.; Stephan, W.; Brotman B. (New York, N.Y./Frankfurta.M./Robertsfield) . . . . . 80

**Beta-Propiolactone for the Inactivation of Non-A/Non-B Type 1 Hepatitis Virus Capable of Inducing Cytoplasmic Tubular Ultrastructures in Chimpanzees**  
Yoshizawa, H.; Itoh, Y.; Iwakiri, S.; Kitajima, K.; Noguchi, Y.; Tachibana, K.; Nakamura, T.; Miyakawa, Y.; Mayumi, M. (Tokyo/Yokohama/Tochigi) . . . . . 86

**Measurement of Fragments of the Third Component of Human Complement on Erythrocytes by a New Immunochemical Method**  
Szymanski, I.O.; Odgren, P.R. (Worcester, Mass.) . . . . . 92

**HLA-ABC and DR Antigens in Celiac Disease. A Study in a Pediatric Italian Population**  
Trabace, S.; Giunta, A.; Rosso, M.; Marzorati, D.; Cascino, I.; Tettamanti, A.; Mazzilli, M.C.; Gandini, E. (Roma/Milano) . . . . . 102

**Fetal Immunization against the Mother's Lymphocytes. A Report of Two Cases**  
Werneburg, B.; Tongio, M.M.; Mayer, S. (Strasbourg) . . . . . 107

**Platelet Preservation in Large Containers**  
Kakaiya, R.M.; Katz, A.J. (Farmington, Conn./Washington, D.C.) . . . . . 111

**Evidence of Autonomous Red Cell Expression of Xg<sup>a</sup> Antigen in Human Bone Marrow Transplantation**  
Sparkes, R.S.; Crist, M.; Sparkes, M.C. . . . . 119

### Milestones in Blood Transfusion and Immunohaematology

**The Discovery of the Gc System**  
Hirschfeld, J. (Linköping) . . . . . 122

Cover illustration. Different stages of spherocytosis. Bessis, M.: Living Blood Cells and Their Ultrastructure. Publ. Springer, 1973 (p. 149).