Subject Index

Compiled G. Boehm, Basel (B) = Book reviews
Abnormal stem cell proliferation in human disease, current concepts 331
Absorption, no malabsorption of inorganic ferrous iron in patients with achylia gastrica 56
Achylia gastrica, no malabsorption of inorganic ferrous iron in patients with achylia gastrica 56
Acid-base balance changes and erythropoietin production in the early stages of hypoxia or after CO₃⁻ treatment in the rabbit 32
Agar capillaries; in vitro colony growth of granulocytes, macrophages, T and B lymphocytes in agar capillaries 322
Agar cultures, v. T lymphocytes
Agnogenic myeloid metaplasia, acute, with chromosomal abnormalities 206
Allergic purpura following intravenous administration of iron dextran 178
Anaemia, aplastic (Clinics in haematology, vol. 7, No. 3 59 (B)
-; autologous hematologic recovery from aplastic anemia following high dose cyclophosphamide and HLA-matched allogeneic bone marrow transplantation 20
-; fetal liver transplantation 128
-; severe, bone marrow transplantation (A report of 9 cases) 121
Anaemic hypoxia, v. Hypoxia
Anemia, v. Anaemia
Angioimmunoblastic lymphadenopathy; levamisole and autoimmunity in angioimmunoblastic lymphadenopathy 117
Anion gap in multiple myeloma 148
Antibodies, v. Anti-lymphocyte antibody
Antigens; Transplantation antigens. A study in serological data analysis 338 (B)
-; v. HLA antigens (purpura) Anti-lymphocyte antibody levels in chronic lymphocytic leukaemia
Bacterial infections, v. Purpura
Bactericidal function, v. Microbicidal function
B cell markers, v. Leukaemia, myelogenous Beta-thromboglobulin, elevated plasma levels, in multiple myeloma and in polycythaemia vera 219
Biopsy, bone marrow biopsy, v. Neo-plasms, malignant
Birth weight, low, v. Ferritin
Blast cell clones, different, in different anatomical sites. Transformation in chronic granulocytic leukaemia 247
Blast crisis, v. Leukaemia in adults; Leukaemia, myelogenous
Blood coagulation and thrombosis research, recent progress (Bibliotheca haematologica Nr. 44)
179 (B)
- v. Coagulation of blood
Blood group A; distribution of the A blood group activity on lipid and nonlipid fractions of pig organs 278
B lymphocytes (colony growth), v. Agar capillaries
Bone marrow biopsy in patients with malignant neoplasms other than lymphoma or leukemia 181
Bone marrow culture growth, oscillations in acute myeloid leukemia during remission induction and remission 241
Bone marrow cultures; haemopoiesis in long-term bone marrow cultures (A review) 299
Bone marrow transplantation for severe aplastic anemia (A report of 9 cases) 121
- v. Anaemia, aplastic (autologous hematologic recovery)
Book reviews 59 (B), 179 (B), 240 (B), 338 (B)
Busulfan; prolonged busulfan-induced remissions in chronic myeloid leukemia 119
- v. Neoplasms, malignant
Carotenoids (serum levels), v. Retinol
Cell cultures, v. Bone marrow cultures. Bone marrow culture growth (oscillations in leukemia); Leukaemia, myelomonocytic (bone marrow); Neutrophils (leukaemia, myelocytic, chronic)
Cell proliferation, v. Abnormal stem cell...
Cell sorter, v. Light scattering...
CFU, v. Colony forming units
Chains, γ-chains, v. Gamma-chains (human fetal hemoglobin)
Chemotherapy; combination chemotherapy of malignant histiocytosis 251
- v. Hodgkin disease, Leukaemia in adults
Childhood leukemia; acute promyelocytic 342
Subject Index

Childhood leukemia in childhood (Report of a case with a review of the literature) 282
Childhood, v. Myeloproliferative disease (trisomy 21 clone)
Children, v. Leukaemia, lymphoblastic (platelet transfusion); Leukaemia, myelomonocytic; Thalassaemia, β-thalassaemia)
Chromosomal abnormalities; acute myelogenous leukemia with chromosomal abnormalities 206
Chromosome abnormality, v. Myeloproliferative disease
Clonal formation, v. T lymphocytes
Clonal proliferation, v. Blast cell clones (leukaemia, granulocytic)
Cloning of human T lymphocytes in agar culture, role of serum factors and adherent cells 326
Coagulation of blood, v. Blood coagulation (B), Factor VII, Factor XIII, Hemostasis (B), Thrombosis (B), Vitamin K
CoCK treatment, v. Hypoxia
Colonies, erythroid, v. Erythroid colonies 322
Colony formation, v. T lymphocytes, human (agar culture) 315
Colony-forming cell, v. Macrophage progenitor cells 322
Colony forming units (CFU), v. Light scattering,..., Long term cultures 315
Colony growth; in vitro colony growth of granulocytes, macro-phages T and B lymphocytes in agar capillaries 322
Colony growth of human T lymphocytes in vitro (Control and regulation of clonal formation) 315
‘Convoluted’ lymphoid cells, v. Leukaemia, lymphatic, acute 322
Cultivation of haematopoietic stem cells and of committed leukocyte progenitor cells 315
(Colloidal symposium held in Marburg a. d. Lahn, March 15, 1979) 285-331
Cyclophosphamide, v. Anaemia, aplastic (autologous hematologic recovery) 315
Cytophotometry; applications and possibilities of cytophotometry for red cell hematology 315
(Progress in histochemistry and cytochemistry, vol. 11, No. 3) 240 (B) 315
Diabetic retinopathy; effect of vitamin E on platelet aggregation in diabetic retinopathy 74
Differentiation, v. Haemopoiesis (bone marrow cultures) 315
Eaton-Lambert syndrome, v. Myasthenic syndrome 315
Electron microscopy (transmission), v. Parallel tubular structures, T-rosetting lymphocytes 315
E-rosettes, v. T-rosetting lymphocytes 315
Erythrocytes, v. Red cell hematology (B), Zinc levels (thalassaemia, ß-thalassaemia) 315
Erythrocytic G-6PD deficiency in Punjabi Sikhs 315
Erythroid colonies: endogenous erythroid colony formation by peripheral blood mononuclear cells from patients with myelofibrosis and polycythemia vera 315
Erythropoietin production and acid-base balance changes in the early stages of hypoxia or after C0Cl2 treatment in the rabbit 315
Factor V1I(≈ Proconvertin/Conver-tin); another family with the factor VII Padua clotting defect 315
Factor XIII (= fibrin stabilising factor) congenital deficiency (A family study by measurement of factor XIII subunits A and S) 315
Factors of blood coagulation, v. Vitamin K 315
Family, another, with the factor VII Padua clotting defect 315
Factor XIII (deficiency) 315
Favism; serum glutamic oxalacetic transaminase, glutamic pyruvic transaminase, gamma-glutamyl transpeptidase and glutamic dehydrogenase levels in favism 315
Ferments, v. Favism, Phosphatase, Terminal deoxynucleotidyl trans-ferase 315
Ferritin; variation of serum ferritin in low birth weight infants with maternal ferritin, birth weight and gestational age 273
Fetal haemoglobin, v. Haemoglobin, fetal (y-chains) 121
Fetal liver transplantation in aplastic anemia 121
Gamma-chains of human fetal hemoglobin, composition, at birth and during intrauterine life 45
Gamma-glutamyl transpeptidase, v. Favism
Gammopathy, monoclonal, genetic propensity to benignity 173
Genetic propensity to benignity in monoclonal gammopathy 173
Gestational age, v. Ferritin
Glutamic dehydrogenase, v. Favism
Glutamic pyruvic transaminase, v. Favism
G-6PD (= Glucose-6-phosphate dehydrogenase); erythrocytic G-6-PD deficiency in Punjabi Sikhs 65
G-6PD deficiency, v. Favism
Granulocyte macrophage progenitor cells; humoral factors modulating growth of granulocyte macrophage progenitor cells 306
Granulocytes (colony growth), v. Agar capillaries
Subject Index 343

Growth of granulocyte macrophage progenitor cells, v. Macrophage...
Growth, v. Bone marrow culture growth (oscillations)
Hämatologie; Praktikum der mikro-skopischen Hämatologie (4. Aufl.) 338 (B) Haematology, v.
Thalassaemia, ß-thalassaemia Haemopoiesis in long-term bone marrow cultures (A review) 299 Haemopoietic stem cells; light scattering properties of pluripotent and committed haemopoietic stem cells 289 Haemostasis, v. Hemostasis (B) Hematopoiesis Hair, v. Zinc levels (beta-thalasse-
ma) Hematology (2nd ed.) 60 (B) Hematology; the year in hematology
1978 59 (B) -; v. Red cell hematology (B) Hematology, v. Hämatologie (B) Hemoglobin, v.
HLA, v. Gammopathy
Hodgkin's disease, axillary, in manual workers 176
-; management of nodular sclerosis Hodgkin's disease stage I, II A and B: Evidence for a beneficial effect of MOPP on the relapse rate 262
-; patients, ferritin deposits in peripheral blood lymphocytes 267
-; v. Lymphoproliferative diseases
Human T lymphocyte colony formation, v. Colony growth...
Hyperviscosity syndrome, v. Leukaemia, plasma cell leukaemia
Hypoxia; acid-base balance changes and erythropoietin production in the early stages of hypoxia or after COCl2 treatment in the rabbit 32
Idiopathic thrombocytopenic purpura, chronic, bacterial infections and thrombocytopenia 159
HLA antigens 153
IgG (K) M-component, v. Leukaemia, plasma cell leukaemia
Ig synthesis; multiple myeloma without detectable Ig synthesis 257
Immunoglobulin, v. Ig synthesis
Immunopathology of lymphoreticular neoplasms 179 (B)
Iron; no malabsorption of inorganic ferrous iron in patients with achyline gastrica 56
Iron dextran; allergic purpura following intravenous administration of iron dextran 178
Iron deficiency, v. Polycythaemia vera, Serum ferritin
Leukaemia, acute (Clinics in haematology, vol. 7, No. 2) 60 (B)
Leukaemia, acute, and multiple myeloma 78
Leukaemia in adults, terminal deoxy-nucleotidyl transferase 199
Leukaemia, eosinophilic-mono-cytic, acute, bone marrow morphology 17
Leukaemia, granulocytic, chronic, transformation (Different blast cell clones in different anatomical sites) 247
Leukaemia, hairy-cell leukaemia; microbicidal function of the neutrophils in hairy-cell leukaemia 191
Leukaemia, lymphatic, acute with mediastinal involvement 61
Leukaemia, lymphoblastic; platelet transfusion requirements of children with newly diagnosed lymphoblastic leukaemia 86
Leukaemia, lymphocytic, chronic, anti-lymphocyte antibody levels 229
Leukaemia, myelocytic, chronic; alkaline phosphatase activity of neutrophils, grown in liquid culture 12
Leukaemia, myelogenous, chronic; terminal deoxynucleotidyl transferase activity and B cell markers in chronic myelogenous blast crisis 143
Leukaemia, myeloid, acute; oscillations of marrow culture growth in acute myeloid leukemia during remission induction and remission 241
Leukaemia, myeloid chronic and myasthenic syndrome (Eaton-Lambert) 214
Leukaemia, myeloid, chronic, prolonged busulfan-induced remissions 119
Leukaemia, myelomonocytic, acute, in children (Possible use of the soft agar culture technique in the differentiation of cellular subtypes) 137
Leukaemia, nonmyelocytic, acute, v. Leukaemia in adults
Leukaemia, plasma cell leukaemia; hyperviscosity syndrome in a patient with plasma cell leukaemia 81
Leukaemia, promyelocytic, acute, in 344

Subject Index

childhood (Report of a case with a review of the literature) 282
Leukaemia, v. Neoplasms
Leukemia(s), v. Leukaemia(s)
Leukocyte migration; effect of a constant non-uniform magnetic field on leukocyte migration in vitro (Preliminary study) 51
Leukocyte progenitor cells; cultivation of haematopoietic stem cells and of committed leukocyte progenitor cells (Proceedings of a symposium held in Marburg a. d. Lahn, March 15, 1979) 285-331
Levamisole and autoimmunity in angioimmunoblastic lymphadenopathy 117
Light scattering properties of pluripotent and committed haemopoietic stem cells 289
Lipid and nonlipid fractions of pig organs, distribution of A blood group activity 278
Long term cultures, v. Bone marrow cultures
Lymphadenopathy: levamisole and autoimmunity in angioimmunoblastic lymphadenopathy 117
Lymphoblastic lymphoma, v. Leukaemia, lymphatic, acute
Lymphocyte subpopulations in lymphoproliferative diseases (Parallel tubular structures in Fc receptor-bearing lymphocytes) 25
Lymphocytes, v. Anti-lymphocyte antibody, B lymphocytes, Ferri-tin, T lymphocytes, T-rosetting lymphocytes
Lymphomas, v. Neoplasms
Lymphoproliferative diseases, lymphocyte subpopulations (Parallel tubular structures in Fc receptor-bearing lymphocytes) 25
Lymphoreticular neoplasms, immuno-pathology 179
Macrophage progenitor cells; humoral factors modulating growth of granulocyte macrophage progenitor cells 306
Macrophages (colony growth), v. Agar capillaries
Macrophages, v. T lymphocytes
Magnetic field; effect of a constant non-uniform magnetic field on leukocyte migration in vitro (Preliminary study) 51
Malabsorption, v. Absorption
Man, v. Human...
Maternal serum ferritin, v. Ferritin
M-component, v. Leukaemia, plasma cell leukaemia
Mercaptoethanol (2-mercaptoethanol), v. T lymphocytes, human (agar culture)
Method, v. Agar capillaries, Light scattering, Soft agar culture
Microbicidal function of the neutrophils in hairy-cell leukaemia 191
Mikroskopische Hämatologie, Praktikum (4. Aufl.) 338 (B)
Mononuclear cells (peripheral blood), v. Erythroid colonies
MOPP (=Mustargen-HCl®(Nitrogen mustard)-Oncovin ®(Vincristin)-Procarbazine-Prednisolone) chemotherapy, v. Hodgkin's disease
Multiple myeloma, v. Myeloma, multiple
Myasthenic syndrome (Eaton-Lambert) and chronic myeloid leukaemia 214
Myelofibrosis: endogenous erythroid colony formation by peripheral blood mononuclear cells from patients with myelofibrosis and polycythemia vera 94
Myelofibrosis, acute, v. Agnogenic myeloid metaplasia, acute
Myeloid metaplasia, agnogenic, acute, with chromosomal abnormalities 206
Myeloma, multiple, anion gap 148
-; and acute leukemia 78
-; elevated plasma ß2-thromboglobulin levels in multiple myeloma and in polycythemia vera 219
-; without detectable Ig synthesis 257
Myeloproliferative disease of childhood associated with a trisomy 21 clone 90
Neoplasms, malignant; bone marrow biopsy in patients with malignant neoplasms other than lymphomas or leukemia 181
-; v. Lymphoreticular neoplasms (B)
Neutrophils of chronic myelocytic leukemia, grown in liquid culture, alkaline phosphatase activity 12
Neutrophils, microbicidal function in hairy-cell leukemia 191
Nonproliferator myeloma, v. Myeloma (without Ig synthesis)
Parallel tubular structures, v. Lymphoproliferative diseases
Phosphatase, alkaline, v. Neutrophils of chronic myelocytic leukemia
Pig organs, lipid and nonlipid fractions, v. Blood group A
Plasma, v. Zinc levels (beta-thalassemia)
Plasma exchange; thrombotic thrombocytopenic purpura in early pregnancy (Remission after plasma exchange) 112
Plasma membrane; alterations of the cell surface morphology in human T-rosetting lymphocytes (An ultrastructural study) 185
Platelet aggregation in diabetic retinopathy, effect of vitamin E 74
Platelet transfusion requirements of children with newly diagnosed lymphoblastic leukemia 86
Polycythemia vera; elevated plasma thromboglobulin levels in multiple myeloma and in polycythemia vera 219
--; endogenous erythroid colony formation by peripheral blood mono-nuclear cells from patients with myelofibrosis and polycythemia vera 94
--; thrombocytosis, thrombocythaemia and iron deficiency in patients with polycythemia vera 223
Praktikum der mikroskopischen Hämatologie (4. Aufl.) 338 (B)
Pregnancy, v. Purpura (remission after plasma exchange)
Prize; Jean Juillard prize (7th) 339
Progenitor cells, v. Leukocyte progenitor cells, Macrophage...
Punjabi Sikhs, erythrocytic G-6PD deficiency 54
Purpura; allergic purpura following intravenous administration of iron dextran 178
--; bacterial infections and thrombocytopenia in chronic idiopathic thrombocytopenic purpura 159
--; HLA antigens in idiopathic thrombocytopenic purpura 153
--; thrombotic thrombocytopenic purpura in early pregnancy (Remission after plasma exchange) 112
Red cell hematology; applications and possibilities of cytophotometry for red cell hematology (Progress in histochemistry and cytochemistry, Vol. 11, Nr. 3) 240 (B)
--; v. Erythrocytes, Erythrocytic...
Retinol; serum levels of retinol, retinol-binding protein, carotenoids and triglycerides in children with \beta\text{-}thalassemia major 100
Retinopathy, v. Diabetic retinopathy
Rosettes, v. T-rosetting lymphocytes
Serological data analysis, v. Transplantation antigens (B)
Serum factors, v. T lymphocytes, human (agar culture)
Serum ferritin and mean corpuscular volume measurement in the diagnosis of β-thalassaemia minor and iron deficiency 236

- variation of serum ferritin in low birth weight infants with maternal ferritin, birth weight and gestational age 273
- v. Ferritin

Serum glutamic oxalacetic transaminase, v. Favisin

Soft agar culture technique for differentiation, v. Leukaemia, myelomonocytic (bone marrow) Stem cell, abnormal, proliferation in human disease, current concepts 331

Stem cells: cultivation of haematopoietic stem cells and of committed leukocyte progenitor cells (Proceedings of a symposium held in Marburg a.d. Lahn, March 15, 1979) 285-331

T-acute lymphatic leukaemia, v. Leukaemia, lymphatic, acute

Terminal deoxynucleotidyl transferase in leukemia of adults 199
- v. Leukaemia, myelogenous

Thalassaemia, β-thalassaemia; interaction between β-thalassaemia and Hb G Philadelphia associated with β-thalassaemia 106

- serum levels of retinol, retinol-binding protein, carotenoids and triglycerides in children with β-thalassemia major 100

- zinc levels of plasma, erythrocyte, hair and urine in homozygote be-ta-thalassemia 41

Thalassaemia, β-thalassaemia minor; serum ferritin and mean corpuscular volume measurement in the diagnosis of β-thalassaemia minor and iron deficiency 236

Therapy, v. Anaemia, aplastic; Bu-sulfan; Hodgkin’s disease; Plasma exchange

Thrombocyte(s), v. Platelet(s)

Thrombocythaemia, v. Thrombo-cytosis

Thrombocytopenia, v. Idiopathic thrombocytopenic purpura, chronic

Thrombocytosis, thrombocythaemia and iron deficiency in patients with polycythaemia vera 223

Thromboglobulin, v. Beta-thromboglobulin

Thromboplastins, v. Family (factor VII clotting defect)

Thrombosis: animal and clinical models (Advances in experimental medicine and biology, vol. 102) 179

Thrombosis research and blood coagulation recent progress (Biblio-theca haematologica Nr. 44) 179 (B)

Thrombotic thrombocytopenic purpura in early pregnancy (Remission after plasma exchange) 112

T lymphocytes, human; colony growth of human T lymphocytes in vitro (Control and regulation of clonal formation) 315

- role of serum factors and adherent cells in cloning of human T lymphocytes in agar culture 326

T-lymphocytes, v. T-rossetting lymphocytes

T lymphocytes (colony growth), v. Agar capillaries

Transfusion, v. Platelet transfusion

Transplantation antigens. A study in serological data analysis 338 (B)

Transplantation, v. Bone marrow transplantation, Fetal liver (anaemia, aplastic)

Triglycerides (serum levels), v. Retinol

Trisomy 21 clone, v. Myeloproliferative disease (childhood)

Trisomy of chromosome 8, v. Myelo-oid metaplasia

T-rossetting lymphocytes, human, alterations of the cell surface morphology (An ultrastructural study) 185
Subject Index

Tubular structures, parallel, v. Lymphoproliferative diseases
Tumors, v. Cancer, Neoplasms
Ultrastructure, v. Parallel tubular structures, T-rosetting lymphocytes
Urine, v. Zinc levels (beta-thalass-emia)
Variants of vitamin K dependent coagulation factors 1
Viscosity, v. Hyperviscosity
Vitamin E, effect on platelet aggregation in diabetic retinopathy 74
Vitamin K, variants of vitamin K dependent coagulation factors 1
Zinc levels of plasma, erythrocyte, hair and urine in homozygote beta-thalassemia 41