

No. 1

Original Papers

- 1 **Sensitivity to Interferon-Alpha and Interferon-Stimulated Gene Factor 3 Binding Activity in Human Chronic Myelogenous Leukemia Cell Line KT-1**
Yamauchi, H.; Sakai, I.; Narumi, H.; Soga, S.; Fujita, S. (Ehime)
- 10 **Consequences of Total and Subtotal Myeloperoxidase Deficiency: Risk or Benefit?**
Kutter, D. (Junglinster); Devaquet, P. (Esch-sur-Alzette); Vanderstocken, G. (Differdange); Paulus, J.M.; Marchal, V.; Gothot, A. (Liège-Sart Tilman)
- 16 **The Inflammation Meter: Novel Technology to Detect the Presence of Infection/Inflammation in Patients without Leukocytosis but with Increased Leukocyte Adhesiveness/Aggregation**
Maharshak, N.; Kassirer, M.; Zeltser, D.; Rotstein, R.; Rogowski, O.; Shapira, I.; Deutsch, V.; Arber, N.; Eldor, A.; Berliner, S. (Tel Aviv)
- 22 **Oral Contraceptives Can Cause Falsely Low Vitamin B₁₂ Levels**
Gardyn, J.; Mittelman, M.; Zlotnik, J.; Sela, B.A.; Cohen, A.M. (Tel Aviv)
- 25 **Comparative Genomic Hybridization Study of de novo Myeloid Neoplasia**
Castuma, M.V. (Buenos Aires); Rao, P.H. (New York, N.Y.); Acevedo, S.H.; Larripa, I.B. (Buenos Aires)
- 31 **Premarital Screening of Beta-Thalassemia Trait in the Province of Denizli, Turkey**
Keskin, A.; Türk, T.; Polat, A.; Koyuncu, H.; Saracoglu, B. (Denizli)

Case Reports

- 34 **Granulocytic Sarcoma with Breast and Skin Presentation: A Report of a Case Successfully Treated by Local Radiation and Systemic Chemotherapy**
Breccia, M.; Petti, M.C. (Roma); Fraternali-Orcioni, G. (Bologna); Monarca, B.; Latagliata, R.; D'Elia, G.M.; Mandelli, F. (Roma); Pileri, S.A. (Bologna)
- 38 **The Fitness-for-Work Evaluation of a Young Patient with Essential Thrombocythemia**
Merkel, D. (Tel Aviv/Kfar-Saba); Moshe, S. (Tel Aviv/Yavne); Tal, O.; Eldad, A. (Tel Aviv)
- 42 **IgD Multiple Myeloma Preceding the Development of Extensive Extramedullary Disease without Medullary Involvement**
Iwasaki, T.; Hamano, T.; Ogata, A.; Hashimoto, N.; Kakishita, E. (Hyogo)
- 46 **Sudden Bilateral Deafness from Hyperleukocytosis in Chronic Myeloid Leukemia**
Resende, L.S.R.; Coradazzi, A.L.; Rocha-Júnior, C.; Zanini, J.M.; Niéro-Melo, L. (Botucatu)
- 50 **Hydroxyurea as a Cause of Drug Fever**
Braester, A.; Quitt, M. (Haifa)
- 52 **Consider 'Hyperviscosity Syndrome' in Unexplained Breathlessness**
Coppell, J. (London)
- 54 **CD3+, CD4-, CD8-, TCRαβ-, TCRγδ+ Granular Lymphocyte Proliferative Disorder without Lymphocytosis and Clinical Symptoms**
Kondo, H.; Uematsu, M.; Watanabe, J.; Takahashi, Y.; Hayashi, K.; Iwasaki, H. (Shizuoka)

No. 2-3

Original Papers

- 57 **In vitro Apoptotic Response of Freshly Isolated Chronic Myeloid Leukemia Cells to all-trans Retinoic Acid and Cytosine Arabinoside**
Stagno, F.; Guglielmo, P.; Consoli, U.; Inghilterra, G.; Giustolisi, G.M.; Palumbo, G.A.; Giustolisi, R. (Catania)
- 65 **Induction of Polyploidization by Jaspamide in HL-60 Cells**
Nakazawa, H.; Kitano, K.; Cioca, D.P.; Ishikawa, M.; Ueno, M.; Ishida, F.; Kiyosawa, K. (Matsumoto)
- 72 **Increased Sensitivity of Myeloid Leukemia Cell Lines: Potential of Lovastatin as Bone-Marrow-Purging Agent**
Scheffold, C. (Stanford, Calif.); Schöttker, B.; Lefterova, P. (Bonn); Csipai, M. (Berlin); Glasmacher, A. (Bonn); Huhn, D. (Berlin); Neubauer, A. (Marburg); Schmidt-Wolf, I.G.H. (Bonn)
- 80 **The Cellular Immune System of Patients with Acute Leukemia and Severe Chemotherapy-Induced Leukopenia: Characterization of T Lymphocyte Subsets Responsive to IL-16 and IL-17**
Bruserud, Ø.; Løland von Volkman, H.; Ulvestad, E. (Bergen)
- 92 **Influence of α-Thalassemia Trait on the Prevalence and Severity of Anemia in Pregnancy among Women in Kuwait**
Diejomaoh, F.M.E.; Haider, M.Z.; Dalal, H.; Abdulaziz, A.; D'Souza, T.M.; Adekile, A.D. (Safat)
- 95 **Arg⁶⁰ Leu Mutation in the First Cytoplasmic Loop of the Platelet Thromboxane A₂ Receptor Is Not Essential for Mediating Inhibitory Coupling between the Receptor and Adenylyl Cyclase**
Fuse, I.; Higuchi, W.; Aizawa, Y. (Niigata)
- 99 **Factors Influencing Effectiveness of Deferiprone in a Thalassemia major Clinical Setting**
Del Vecchio, G.C.; Crollo, E.; Schettini, F.; Schettini, F. (Bari); Fischer, R. (Hamburg); De Mattia, D. (Bari)

Case Reports

- 103 **Three Gaucher-Disease-Producing Mutations in a Patient with Gaucher Disease: Mechanism and Diagnostic Implications**
Beutler, E. (La Jolla, Calif.); Liebman, H. (Los Angeles, Calif.); Gelbart, T. (La Jolla, Calif.); Stefanski, E. (San Diego, Calif.)
- 106 **Scleroderma Associated with Anemia and Thrombocytopenia That Responded Well to Cyclosporin**
Kamada, K.; Kobayashi, Y.; Katada, K.; Takahashi, Y.; Chikayama, S.; Ikeda, M.; Kondo, M. (Kyoto)
- 110 **Aggressive Variant of Morphologically Typical T Large Granular Lymphocyte Leukemia/Lymphoma Lacking NK Cell Markers**
Passetto Falcão, R.; Pinto Simões, B.; Garcia, A.B.; Fonseca, B.A.F.; Terra Filho, J. (Ribeirão Preto)
- 115 **Kaposi's Sarcoma following Allogeneic Hematopoietic Stem Cell Transplantation for Chronic Myelogenous Leukemia**
de Medeiros, B.C. (Farmington, Conn.); Rezuze, W.N.; Ricci, A., Jr.; Tsongalis, G.; Shen, P.U.F. (Hartford, Conn.); Bona, R.D.; Feingold, J.M.; Edwards, R.L.; Tutschka, P.J.; Bilgrami, S. (Farmington, Conn.)

- 119 **Myelodysplastic Syndrome with Clonal Eosinophilia Accompanied by Eosinophilic Pulmonary Interstitial Infiltration**
Kuroda, J.; Kimura, S.; Akaogi, T.; Hayashi, H.; Yamano, T.; Sasai, Y.; Horiike, S.; Taniwaki, M.; Abe, T.; Kobayashi, Y.; Kondo, M. (Kyoto)
- 124 **PML/RAR α (+) Hypergranular Acute Promyelocytic Leukemia (M3) Developing into an M3 Acute Myelocytic Leukemia without PML/RAR α**
Ruiz-Argüelles, G.J.; Ruiz-Delgado, G.J.; Reyes-Núñez, V. (México)
- 128 **Long-Term Administration of Oral Low-Dose Topoisomerase II Inhibitors, MST-16 and VP-16, for Refractory or Relapsed Non-Hodgkin's Lymphoma**
Okamoto, T.; Nishimura, Y.; Yamada, S.; Yamada, S.; Itoh, T.; Mori, A.; Saheki, K.; Okada, M.; Takatsuka, H.; Wada, H.; Tamura, A.; Fujimori, Y.; Kakishita, E. (Hyogo)
- 131 **Littoral Cell Angioma Associated with Portal Hypertension and Resected Colon Cancer**
Steensma, D.P.; Morice, W.G. (Rochester, Minn.)

Brief Communications

- 135 **Detection of the BCR-ABL Fusion Gene in Natural Killer Cells in Patients with Chronic Myelogenous Leukemia**
Min, C.K.; Yang, I.H.; Kim, D.W.; Lee, J.W.; Han, C.W.; Min, W.S.; Kim, C.C. (Seoul)
- 139 **Auer Rods in Hand Mirror Cells in a Case of Acute Myeloid Leukemia**
Patel, F.M.; Venkataraman, G.; Varma, N.; Varma, S. (Chandigarh)
- 141 **Clinical Usefulness of Combined Measurements of Serum Soluble Transferrin Receptor Levels and Serum Interleukin-18 Levels at Determination of Serum KL-6 Levels in Haematologic Malignancies**
Takubo, T.; Kumura, T.; Nakao, T.; Nakamae, H.; Aoyama, Y.; Nishiki, S.; Kinoshita, Y.; Koh, K.-R.; Ohta, K.; Yamane, T.; Hino, M.; Kamitani, T.; Tatsumi, N. (Osaka)
- 144 **A Pilot Study of Busulfan, Cyclophosphamide and Etoposide Followed by Autologous Transplantation for Acute Myeloid Leukemia in Remission**
Bilgrami, S.; Edwards, R.L.; Bona, R.D.; Kazierad, D.; Furlong, F.; Fox, J.; Clive, J.; Naqvi, B.H.; Tutschka, P.J. (Farmington, Conn.)
- 148 **Plasma Homocysteine Is Not Involved in the Thrombotic Risk of β -Thalassemia major Patients**
Barrano, B. (Catania); Bertrand, G. (Sassari); Isaja, T.; Curreri, R. (Catania); Musumeci, S. (Sassari)

No. 4

Original Papers

- 151 **Cellular Distribution of Platelet-Derived Growth Factor, Transforming Growth Factor- β , Basic Fibroblast Growth Factor, and Their Receptors in Normal Bone Marrow**
Yoon, S.-Y.; Tefferi, A.; Li, C.-Y. (Rochester, Minn.)
- 158 **Brain Natriuretic Peptide Is a Predictor of Anthracycline-Induced Cardiotoxicity**
Okumura, H. (Toyama/Kanazawa); Iuchi, K.; Yoshida, T. (Toyama); Nakamura, S. (Kanazawa); Takeshima, M.; Takamatsu, H. (Toyama); Ikeno, A. (Kanazawa); Usuda, K.; Ishikawa, T. (Toyama); Ohtake, S.; Matsuda, T. (Kanazawa)
- 164 **Alpha-2-Macroglobulin and Interleukin-6 Levels in Steady-State Sickle Cell Disease Patients**
Makis, A.C.; Hatzimichael, E.C.; Mavridis, A.; Bourantas, K.L. (Ioannina)
- 169 **Increased Prevalence of GSTM1 Null Genotype in Patients with Myelodysplastic Syndrome: A Case-Control Study**
Tsabouri, S.E.; Georgiou, I.; Alamanos, I.; Bourantas, K.L. (Ioannina)
- 174 **Expression of Functional Markers in Acute Nonlymphoblastic Leukemia**
Han, K.; Kahng, J.; Kim, M.; Lim, J.; Kim, Y.; Cho, B.; Kim, H.K.; Min, W.S.; Kim, C.C.; Lee, K.Y.; Kim, B.K.; Kang, C.S. (Seoul)

- 181 **Mutational Analysis of Beta-Thalassemia Cases from the Aegean Region of Turkey Using an Allele-Specific Oligonucleotide Hybridization Technique**
Güleşken, S.; Ören, H.; Vergin, C.; Şanlı, N.; Gülen, H.; Uçar, C.; İrken, G. (Izmir)
- 185 **Additional Stem Cell Therapy for Graft Failure after Allogeneic Bone Marrow Transplantation**
Min, C.-K.; Kim, D.-W.; Lee, J.W.; Min, W.S.; Kim, C.C. (Seoul)
- 193 **Increased Expression of Fas (APO-1, CD95) on CD4+ and CD8+ T Lymphocytes during Total Body Irradiation**
Fujimori, Y.; Saheki, K.; Itoi, H.; Okamoto, T.; Kakishita, E. (Nishinomiya)

Case Reports

- 197 **dup(12)(q13-22) and 13q14 Deletion in a Case of B-Cell Chronic Lymphocytic Leukemia**
Chena, C.; Sarmiento, M.; Palacios, M.F.; Scolnik, M.; Slavutsky, I. (Buenos Aires)
- 202 **Infant Leukemia Suggestive of Natural Killer Cell Precursor Origin Followed an Unusual Clinical Course**
Shinoda, K.; Muraki, T.; Yano, M.; Yamada, T.; Takao, A. (Gifu)
- 207 **Evolution to Acute Myeloblastic Leukemia from Chronic Neutrophilic Leukemia with Dysplastic Features in Granulocytic Lineage**
Ota, S.; Tanaka, J.; Kobayashi, S.; Tsuda, Y.; Mori, A.; Noto, S.; Yamamoto, Y.; Hashino, S.; Musashi, M.; Imamura, M.; Asaka, M. (Sapporo)
- 212 **Bilateral Interstitial Pneumonic Shadows Caused by Perivascular Fibrosis and Extramedullary Megakaryopoiesis of the Lung in a Case of Advanced Agnogenic Myeloid Metaplasia and Myelofibrosis**
Ueno, H.; Yoneda, R.; Ogawa, W.; Yoon, S.; Kitazawa, S.; Kitazawa, R.; Kasuga, M. (Kobe)
- 217 **Colchicine: An Effective Treatment for Refractory Malignant Pericardial Effusion**
Ng, T.; Gatt, A.; Pagliuca, A.; Mufti, G.J. (London)

Brief Communication

- 220 **Comparative Study on Complete Remission Rate and Overall Survival in Three Groups Classified Based on the Serum Interleukin-18 Level in Non-Hodgkin's Lymphoma Patients**
Takubo, T.; Kumura, T.; Nakao, T.; Nakamae, H.; Aoyama, Y.; Nishiki, S.; Kinoshita, Y.; Koh, K.-R.; Ohta, K.; Yamane, T.; Hino, M.; Kamitani, T.; Tatsumi, N. (Osaka)

- 223 **Acknowledgement**
- 224 **Author Index Vol. 104, 2000**
- 226 **Subject Index Vol. 104, 2000**