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Review: Stratton Lecture: Thrombosis and Atherogenesis: Molecular Connections ................... R.L. Nachman 1897

RAPID COMMUNICATIONS
Mouse MRP8 and MRP14, Two Intracellular Calcium-Binding Proteins Associated With the Development of the Myeloid Lineage ................................................................. E. Lagasse and I.L. Weissman 1907


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HEMATOPOIESIS
Analysis of the Mechanism of Anagrelide-Induced Thrombocytopenia in Humans .......... E.M. Mazur, A.G. Rosmarin, P.A. Sohl, J.L. Newton, and A. Narendran 1931

Inhibition of Acute Myelogenous Leukemia Blast Proliferation by Interleukin-1 (IL-1) Receptor Antagonist and Soluble IL-1 Receptors .......... Z. Estrov, R. Kurzrock, E. Estey, M. Wetzler, A. Ferrajoli, D. Harris, M. Blake, J.U. Guterman, and M. Talpaz 1938


Multilineage Phenotypes of Interleukin-3-Dependent Progenitor Cells .......... A.M. Ford, L.E. Healy, C.A. Bennett, E. Navarro, E. Spooncer, and M.F. Greaves 1962

Regulation of Human Monocyte DNA Synthesis by Colony-Stimulating Factors, Cytokines, and Cyclic Adenosine Monophosphate ................................................................. D.L. Cheung and J.A. Hamilton 1972


Effect of Inflammatory Cytokines on Hypoxia-Induced Erythropoietin Production .......... W.C. Faquin, T.J. Schneider, and M.A. Goldberg 1987

HEMOSTASIS AND THROMBOSIS
Molecular Requirements for the Interaction of Thrombospondin With Thrombin-Activated Human Platelets: Modulation of Platelet Aggregation ............... C. Legrand, V. Thibert, V. Dubernard, B. Bégault, and I. Lawler 1995

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