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Association of Soluble Cell Adhesion Molecules with Ankle-Brachial Index in a Biethnic Cohort of Predominantly Hypertensive Individuals  M. Khaleghi, Z. Ali, T.H. Mosley Jr., S.T. Turner, and I.J. Kullo  1788

Quantification of Thyroglobulin, a Low-Abundance Serum Protein, by Immunoaffinity Peptide Enrichment and Tandem Mass Spectrometry  A.N. Hoofnagle, J.O. Becker, M.H. Wener, and J.W. Heinecke (see editorial on page 1749)  1796

Increased Plasma Concentrations of Cytoskeletal and Ca2+-Binding Proteins and Their Peptides in Psoriasis Patients  T. Plavina, M. Hincapie, E. Wakshull, M. Subramanyam, and W.S. Hancock  1805

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Quantitation of Serum Free Light Chains in Combination with Protein Electrophoresis and Clinical Information for Diagnosing Multiple Myeloma in a General Hospital Population  A.P. Piehler, N. Gulbrandsen, P. Kierulf, and P. Urdal (see editorial on page 1753)  1823

Liquid-Based Fluorescence In Situ Hybridization Assay for Detection of ERBB2 Gene Amplification in Patients with Breast Cancer  C.-H. Yeh, W.A. Whitmire III, and M. Albitar  1831


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Neuronal Source of Plasma Dopamine  D.S. Goldstein and C. Holmes  1864

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**GENERAL CLINICAL CHEMISTRY**

- **Effects of Delayed Sample Processing and Freezing on Serum Concentrations of Selected Nutritional Indicators**
  B.S. Drammeh, R.L. Schleicher, C.M. Pfeiffer, R.B. Jain, M. Zhang, and P.H. Nguyen  
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- **Quality Specifications for the Determination of Copper, Zinc, and Selenium in Human Serum or Plasma: Evaluation of an Approach Based on Biological and Analytical Variation**
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- **Anchor-Based Fluorescent Amplicon Generation Assays (FLAG) for Real-Time Measurement of Human Cytomegalovirus, Epstein–Barr Virus, and Varicella-Zoster Virus Viral Loads**
  [1900]
- **TaqMan-Based Real-Time PCR for Genotyping Common Polymorphisms of Haptoglobin (HP1 and HP2)**
  M. Soejima and Y. Koda  
  [1908]

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- **Increased C3-Carnitine in a Healthy Premature Infant**
  K.A. Chapman, M.J. Bennett, and N. Sondheimer  
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**COMMENTARIES**

- C.P. Venditti  
  [1917]
- D. Matern  
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- **An o-Toluidine Method for Body-Fluid Glucose Determination**
  K.M. Dubowski  
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### LETTERS TO THE EDITOR

- **Correct Assay of Complex I Activity in Human Skin Fibroblasts by Timely Addition of Rotenone**
  L.E.A. de Wit, H.R. Scholte, and W. Sluiter  
  [1921]
- **In Reply**
  [1922]
- **Unrecognized Preanalytical Problem with the Spectrophotometric Analysis of Cerebrospinal Fluid for Xanthochromia**
  S.R. Kristensen, A.M. Salling, S.T. Kristensen, and A.B. Hansen  
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- **Circulating Matrix Metalloproteinase-7: An Early or Metastatic Marker for Renal Cell Carcinoma?**
  K. Jung, A. Ramankulov, M. Schrader, K. Miller, and M. Lein  
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- **Strongly Increased International Normalized Ratio with Recombinant Neoplastin R® Compared with Tissue Extract Neoplastin Plus® in Patients Initiating Oral Anticoagulant Therapy: Implications for Anticoagulation Dosage**
  J.A. Remijn, S. Lucas, B. Wildeboer, J.D.E. van Suijlen, and H.J. Adriaansen  
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- **Serum 25-OH Vitamin D2 and D3 are Stable under Exaggerated Conditions**
  J.G. Lewis and P.A. Elder  
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### BOOKSHELF

- **Tietz Fundamentals of Clinical Chemistry, 6th ed.**
  Carl A. Burtis, Edward R. Ashwood, and David E. Bruns, Editors.  
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### OAK RIDGE CONFERENCE

- **Oak Ridge Conference Poster Abstracts**  
  [1934]

### PREAMBLE

- National Academy of Clinical Biochemistry Laboratory Medicine Practice Guidelines for the Use of Tumor Markers E.P. Diamandis, B.R. Hoffman, and C.M. Sturgeon (see upcoming NACB Special Report, page e11)  
  [1935]
ON THE COVER The Face of Cancer.
This issue of Clinical Chemistry features ten articles on cancer. A Review describes how biomarkers can help in a personalized approach to cancer treatment. Five research articles, an editorial, and a letter cover serum free light chains in combination with protein electrophoresis for multiple myeloma, liquid FISH for HER-2 gene amplification in breast cancer, free and beta-HCG in testicular cancer, multiplex genotyping for loss of heterozygosity in tumors, the clinical impact of new PSA antigen standardization on biopsy rates and cancer detection, and metalloproteinase-7 in renal cell carcinoma. The November issue also includes 2 articles highlighting the National Academy of Clinical Biochemistry guidelines for the use of tumor markers. Image reproduced with permission from Rubberball Productions/Getty Images.

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