In This Issue...

- Apolipoprotein E Genotypes
- LDL-Receptor mRNA Abundance
- Meconium Drug Testing
- Aging and LDL Oxidation
Changing the face of allergy and inflammation diagnostics.

Invitroveritas

Pharmacia AB, Diagnostics, 751 82 Uppsala, Sweden, tel +46 18-30 00, e-mail info@dia.pharmacia.se
Circle No. 206 on Reader Service Card
Introducing the most specific marker available to measure bone loss.

No other marker is more specific for the collagen lost from bone. Only Osteomark® quantifies cross-linked N-telopeptides (NTx), a unique biochemical marker specific to the type I collagen found in bone. As such, it provides valuable information about the rate of bone resorption—simply and efficiently. So you can identify patients who are experiencing excessive bone loss. And at the same time help physicians monitor the effectiveness of therapies aimed at preventing or treating osteoporosis—a growing concern for an aging population.

NTx is a direct degradation product of the bone resorption process. Diet and other connective tissues do not contribute to the urinary pool of NTx. What's more, NTx is excreted in urine in a form that cannot be broken down further—so that urinary NTx levels directly reflect the amount of bone collagen resorbed. No other bone marker offers this degree of specificity and sensitivity.

The speed and simplicity of ELISA technology.
And specificity is only part of the story. Osteomark® is also easy and convenient to run—in your laboratory—with your personnel and equipment. The test is formatted as a micro-well ELISA and utilizes an enzyme-labeled monoclonal antibody to quantify NTx in urine. No specimen pretreatment is necessary. Nor is there the need for time-consuming acid hydrolysis, extraction, or high-performance liquid chromatography. Reliable results are obtainable in as little as 2 hours—start to finish.

For more information, call 1-800-99 OSTEX.

NEW OSTEOMARK®
The NTx Assay Simply specific.

OSTEX
OSTEX International, Inc., 2100 Airport Way South, Suite 200, Seattle, WA 98134 Tel: (206) 283-8082 Fax: (206) 283-8025

Looking for the ultimate with the...

For HbA1c measurement, even with haemoglobinopathy patients, a new reality!

- CAP PIERCING SYSTEM
- THE ONLY TRUE WALK-AWAY SYSTEM FOR HbA1c
- AUTOMATIC REMOVAL OF THE LABILE FRACTION
Information for Contributors

Clinical Chemistry welcomes manuscripts containing original information, experimental or theoretical, that advances the science of clinical chemistry. Such information may concern analytical and molecular diagnostic techniques, instrumentation, data processing, statistical analyses of data, clinical investigations in which chemistry has played a major role, and laboratory animal studies of chemically oriented problems of human disease. Equal consideration is given to manuscripts in English from any country, whether or not the authors are members of the AACC. Manu-
scripts are usually evaluated by two reviewers who may or may not be members of the Editorial Board. Manuscripts found by the editors to be inappropriate for the journal may be returned to authors without peer review. Prospective authors of Editorials and Reviews should submit, for review by the Editor, a brief outline of the proposed manuscript before preparing it in final form. Authors are usually notified of the disposition of a manuscript within 6 weeks of the date of its receipt by the Editor.

Editorial Policies. Manuscripts are considered for public-
lication with the understanding that (a) each author has partici-
pated significantly in the work and assumes responsibility for the manuscript’s content; (b) the authors have disclosed any commer-
cial associations that might pose a conflict of interest with the work submitted; (c) no paper presenting the same information — other than an abstract or preliminary report or poster (cited in the manus-
cript) — has been or will be published elsewhere; (d) unique materials necessary to reproduce the results reported are avail-
able for use by qualified investigators; and (e) if the paper is accepted, copyright is transferred to the publisher. These agree-
ments must be conveyed by completing the Author’s Assurances and Assignment of Copyright form, which can be copied from page 6 of the Information for Contributors published in the January issue of the journal, or obtained from the Washington editorial office. All authors must sign the form, and original signatures are required; the form should be sent by mail, not fax.

Authors citing unpublished work by individuals other than themselves should include with their manuscript a letter from the individuals concerned giving permission to cite the work. For studies conducted with humans, a statement in the text should indicate whether the procedures used were in accordance with the ethical standards of their institution’s responsible commit-
tee or with the Helsinki Declaration of 1975, as revised in 1983.

Submission of Manuscripts. Submit four copies of the manus-
cript to Dr. David E. Bruns, Editor, Clinical Chemistry. For regular mail: PO Box 3757, University Station, Charlottesville, VA 22903-0757. For express delivery: Suite 609, 1224 West Main Street, Charlottesville, VA 22903. Include a covering letter stating (a) the title of the paper; (b) the paper’s main point; and (c) the name, address, telephone and fax numbers, and E-mail address of the corresponding author.

Manuscript Preparation. Use double (typewriter) or tri-
ple (word processor) spacing throughout the manuscript. Type or print on one side of each page. For most manuscripts, include the following sections: an abstract, introduction, materials and methods, results, discussion, and references. For Reviews and Case Reports, use headings appropriate to the text. After tentative acceptance, revised version of manuscripts should be submitted on disk.

Illustrations. Submit four copies of each figure on high-quality coated glossy or laser-printer paper. Photocopies on absorbent or bond paper are not acceptable. Verify that symbols and lettering will be legible when the figures are reduced to publication size. Final version of figures should be supplied on disk as well as on hard copy.

The complete Information for Contributors is published in the January issue.

©1995 The American Association for Clinical Chemistry, Inc.

Subscriptions and Reprints:

Telephone: 1-800-892-1400; Fax: 1-202-887-5093

Reprints: Reprint order forms are mailed to authors with proofs of their manuscripts and can also be obtained at the numbers shown above. Minimum order is 100 copies.

Missing Copies: Claims will not be allowed (a) unless we are notified within 3 months after the issue date for domestic and Canadian subscribers, or 6 months after the issue date for foreign subscribers; (b) if notice of a recent change of address has not been received; or (c) if the reason for claim is "missing from files." For claims to be processed, the subscriber’s number and exact name and address as they appear on the mailing list must be included in correspondence.

Back Issues: Single copies of current and back-volume issues: $15.00 ($20.00 CCRE); ask for current prices on Special Issues. Microfilm/microfiche versions available by volume from University Microfilms International, 300 Veeb Rd., Ann Arbor, MI 48106; contact UMI directly for prices.

Indexing Services: Clinical Chemistry is covered by the major indexing and abstracting services, including the following: Abstracts Express, Analytical Abstracts, Biological Abstracts, BIOSIS, Chem-
ical Abstracts Service, Current Awareness in Biological Sciences, Current Clinical Cancer, Current Contents/Life Sciences, Excerpta Medica/EMBASE, Index Medicus, MEDLINE, Reference Update, Research Alert, Science Citation Index, and SciSearch. The full text of Clinical Chemistry, starting with Vol. 38, No. 1, is available online through BRS Colleague.

Copyright Permission: Reprographic copying beyond that per-
mitted by Sections 107 or 108 of the US Copyright Law is authorized by the American Association for Clinical Chemistry, Inc., for internal or personal use, provided that (a) the base fee of $2.50 per copy is paid directly to the Copyright Clearance Center, Inc., 222 Rosewood Drive, Danvers, MA 01923, or (b) a photocopy license has been granted by the CCC. Fees are subject to change. This consent does not extend to other kinds of copying, such as for general or external distribution, resale, advertising, or promo-
tional purposes or for creating new collective works; for these purposes, contact AACI, Inc., 2101 L Street, NW, Suite 202 Washington, DC 20037-1526.

Disclaimers: Manuscripts published in Clinical Chemistry reflect the individual views of their authors and, in the absence of a statement to the contrary, not the views of the institutions with which the authors are affiliated. The contents of advertisements or articles are not to be construed as official statements, evaluations, or endorsements by the Board of Editors or the American Association for Clinical Chemistry, Inc.

Advertising Inquiries: Contact Sherago International, Inc., 1 Per-
Penn Plaza, Suite 1003, New York, NY 10001. Telephone: 1-212-
643-1750; Fax: 1-212-643-1757.

Clinical Chemistry is printed with organic-based inks.
European Journal of Clinical Chemistry and Clinical Biochemistry

Journal of the Forum of European Clinical Chemistry Societies

Editor in Chief
Johannes Büttner, Hannover, Germany

Editors
Vic Bliatou, Bruges, Belgium
Eitan Bogin, Tel Aviv, Israel
Claude Bohunou, Villejuif, France
Paul Brombacher, Heerlen, The Netherlands
Wolfgang Gerok, Freiburg, Germany
Helmut Greiling, Aachen, Germany
Walter G. Guder, Munich, Germany
Erich Kaiser, Vienna, Austria
Joachim Kalden, Erlangen, Germany
John A. Lott, Columbus, U.S.A.
Gianni Messeri, Florence, Italy
Walter Riesen, St. Gallen, Switzerland

Managing Editor
Friedrich Korber, Berlin, Germany

Coordinator for IFCC Recommendations
Carlo Franzini, Milan, Italy

Substantially reduced rates are available for personal subscriptions
Take advantage now - subscribe to
European Journal of Clinical Chemistry and Clinical Biochemistry

Annual Subscription rates / Vol. 34 (12 issues) 1996

INSTITUTIONAL: USA and Canada $895.00
Europe and rest of the world DM 1,089,-

PERSONAL: USA and Canada $248.00
Europe and rest of the world DM 396,-
(for members of a society associated with the Forum of the European Clinical Chemistry Societies)

Europe and rest of the world DM 396,-
(for members of other Societies of Clinical Chemistry)

Please add $26.00/DM 36,- to your payment to cover postage

Please send a free sample copy of European Journal of Clinical Chemistry and Clinical Biochemistry:
Name
Address

Return to:
Walter de Gruyter, Inc., 200 Saw Mill River Road
Hawthorne, NY 10532
Tel: (914) 747-0110 / Fax (914) 747-1326

Walter de Gruyter & Co., P.O. Box 30 34 21,
D-10726 Berlin, Germany
Tel: +49 (0) 30-26005-0 / Fax: +49 (0) 30-26005-222

Circle No. 226 on Reader Service Card
Order Reprints From clinical chemistry

For...
✓ Education and Training
✓ Increasing Marketing Visibility

CALL 1-800-892-1400