

JAMA

The Journal of the American Medical Association



Jasper Johns (1930-), *Numbers in Color*, 1958-1959, American.

Letters

Oral Antiplatelet Therapy 793

J. BORJA; R. A. BERNSTEIN,
G. W. ALBERS; H. TRAN, S. S. ANAND

Trends in the Risks and Benefits
to Patients With Cancer
in Phase 1 Clinical Trials

S. ROSS; T. G. ROBERTS, JR,
B. H. GOULART, J. W. CLARK,
B. A. CHABNER

Community-Acquired
Pneumonia and Use of Gastric
Acid-Suppressive Drugs

R. T. SATALOFF; R. J. F. LAHEIJ,
M. C. J. M. STURKENBOOM, J. DIELEMAN,
B. H. C. STRICKER, J. B. M. J. JANSEN

Management of
Fibromyalgia Syndrome

A. L. JENKINS III; D. L. GOLDENBERG

Research Letter 797

Cocaine-Induced Acute Hepatitis
and Thrombotic
Microangiopathy

F. BALAGUER, J. FERNÁNDEZ,
M. LOZANO, R. MIQUEL, A. MAS

121 Years of
CONTINUOUS
PUBLICATION

EDITOR-IN-CHIEF
Catherine D. DeAngelis, MD, MPH

www.jama.com

February 16, 2005

ORIGINAL CONTRIBUTION

Conversion Analysis for Mutation Detection in
MLH1 and *MSH2* in Patients With Colorectal Cancer 799

G. CASEY, N. M. LINDOR, N. PAPADOPOULOS, S. N. THIBODEAU, J. MOSKOW, S. STEELMAN,
C. H. BUZIN, S. S. SOMMER, C. E. COLLINS, M. BUTZ, M. ARONSON, S. GALLINGER,
M. A. BARKER, J. P. YOUNG, J. R. JASS, J. L. HOPPER, A. DIEP, B. BAPAT, M. SALEM,
D. SEMINARA, R. HAILE; FOR THE COLON CANCER FAMILY REGISTRY

PRELIMINARY COMMUNICATIONS

Detection of Bladder Cancer Using a
Point-of-Care Proteomic Assay 810

H. B. GROSSMAN, E. MESSING, M. SOLOWAY, K. TOMERA, G. KATZ, Y. BERGER, Y. SHEN

Intermittent HIV-1 Viremia (Blips) and Drug Resistance
in Patients Receiving HAART 817

R. E. NETTLES, T. L. KIEFFER, P. KWON, D. MONIE, Y. HAN, T. PARSONS,
J. COFRANCESCO, JR, J. E. GALLANT, T. C. QUINN, B. JACKSON,
C. FLEXNER, K. CARSON, S. RAY, D. PERSAUD, R. F. SILICIANO

Single-Donor, Marginal-Dose Islet Transplantation
in Patients With Type 1 Diabetes 830

B. J. HERING, R. KANDASWAMY, J. D. ANSITE, P. M. ECKMAN, M. NAKANO, T. SAWADA,
I. MATSUMOTO, S.-H. IHM, H.-J. ZHANG, J. PARKEY, D. W. HUNTER, D. E. R. SUTHERLAND

Global Gene Expression Analysis of the Living Human Fetus
Using Cell-Free Messenger RNA in Amniotic Fluid 836

P. B. LARRABEE, K. L. JOHNSON, C. LAI, J. ORDOVAS,
J. M. COWAN, U. TANTRAVAHU, D. W. BIANCHI

Detection of Paternally Inherited Fetal Point Mutations
for β -Thalassemia Using Size-Fractionated Cell-Free DNA
in Maternal Plasma 843

Y. LI, E. DI NARO, A. VITUCCI, B. ZIMMERMANN, W. HOLZGREVE, S. HAHN

SPECIAL COMMUNICATION

University-Based Science and Biotechnology Products:
Defining the Boundaries of Intellectual Property 850

A. S. KESSELHEIM, J. AVORN

COMMENTARY

Technology in the Operating Suite 863

M. A. TALAMINI, E. J. HANLY

CLINICIAN'S CORNER

CONTEMPO UPDATES: LINKING EVIDENCE AND EXPERIENCE

Molecular Imaging in the Clinical Arena 855

F. A. JAFFER, R. WEISSELEDER

(Reprinted) (TABLE OF CONTENTS CONTINUED ON PAGE 769.) 767

©2005 American Medical Association. All rights reserved.

JAMA

Humanities

THE COVER 777

Numbers in Color

M. T. SOUTHGATE

POETRY AND MEDICINE 778

Is It I

D. PUCCIANI

JAMA 100 YEARS AGO 877

Regeneration of Peripheral Nerves

Reader Service

This Week in JAMA 771

Masthead 772

Archives Journals Abstracts 780

Online CME Article 855

CME Information 876

Classified Advertising 879

Journal Advertiser Index 887

JAMA Contact Information 889

Instructions for Authors

January 5, 2005

The Key and Critical Objectives of JAMA

January 5, 2005

Editorial Office: (312) 464-2402
 fax: (312) 464-5824
 jamams@jama-archives.org
Subscriptions: (800) 262-2350
 fax: (312) 464-5831
 ama-subs@ama-assn.org
Permissions: (312) 464-2513
 fax: (312) 464-5843
 permissions@ama-assn.org

All articles published, including editorials, letters, and book reviews, represent the opinions of the authors and do not reflect the official policy of the American Medical Association or the institution with which the author is affiliated, unless this is clearly specified.

www.jama.com

EDITORIAL

Medical Applications of Biotechnology 866

P. B. FONTANAROSA, C. D. DEANGELIS

BOOKS, JOURNALS, NEW MEDIA 870

True Warnings and False Alarms: Evaluating Fears About the Health Risks of Technology, 1948-1971 (Mazur)

REVIEWED BY W. WINKELSTEIN, JR

Cells, Tissues, and Disease: Principles of General Pathology (Majno, Joris)

REVIEWED BY S. SANKARARAMAN, V. LAKSHMINARAYANAN

DeGowin's Diagnostic Examination: The Complete Guide to Assessment, Examination, Differential Diagnosis (LeBlond et al)

REVIEWED BY T. H. TRINH

Rationalizing Epidemics: Meanings and Uses of American Indian Mortality Since 1600 (Jones)

REVIEWED BY E. R. RHOADES

Praeger Handbook of Black American Health: Policies and Issues Behind Disparities in Health, vols 1 & 2 (Livingston, ed)

REVIEWED BY L. CAPPS

Books, Journals, New Media Received

JAMA PATIENT PAGE

Bladder Cancer 890

News and Analysis

MEDICAL NEWS & PERSPECTIVES 783

New Effort to Develop Molecular Tools for Early Cancer Detection Under Way

Collaboration Hopes Microbe Factories Can Supply Key Antimalaria Drug

George Daley, MD, PhD, Talks About the Clinical Promise of Stem Cell Research

Human Embryonic Stem Cells Contaminated

THE WORLD IN MEDICINE 790

Avian Flu Spread Among Humans

MRSA in the ICU

Culturing Blood

Gene Linked to Arthritis

FROM THE CENTERS FOR DISEASE CONTROL AND PREVENTION 791

Diagnoses of HIV/AIDS—32 States, 2000-2003

Where to Find Information on Influenza and Influenza Vaccine