

.....

CLINICAL LABORATORY SCIENCE

.....

Fall 2005

.....

Volume 18/Number 4

Focus: Gene-based Diagnostics



JOURNAL OF THE AMERICAN SOCIETY FOR CLINICAL LABORATORY SCIENCE

ASCLS Vision Statement

The American Society for Clinical Laboratory Science, as the pre-eminent organization for clinical laboratory science practitioners, provides dynamic leadership and vigorously promotes all aspects of clinical laboratory science practice, education and management to ensure excellent, accessible cost-effective laboratory services for the consumers of health care.



AMERICAN SOCIETY FOR
CLINICAL LABORATORY SCIENCE

6701 Democracy Blvd, Suite 300
Bethesda, Maryland 20817
(301) 657-2768, (301) 657-2909 (fax)
www.ascls.org/

ASCLS Mission Statement

The mission of the American Society for Clinical Laboratory Science is to promote the profession of clinical laboratory science and provide beneficial services to those who practice it. To enable its members to provide quality services for all consumers, the society is committed to the continuous quest for excellence in all its activities.

ADDRESS CHANGES

Postmaster: Send address changes to
Clinical Laboratory Science
6701 Democracy Blvd, Suite 300
Bethesda MD 20814

ASCLS MEMBER EDITORS

Editor-in-Chief

Susan J Leclair PhD CLS(NCA)
Department of Medical Laboratory Science
University of Massachusetts Dartmouth
North Dartmouth MA 02747-2715
sleclair@umassd.edu

Continuing Education Editor

George A Fritsma MS MT(ASCP)
Pathology and Clinical Laboratory Sciences
1705 University Boulevard RMSB 448
U of Alabama at Birmingham
Birmingham AL 35294-1212
205-934-1348, fax 205-975-7302
fritsmag@uab.edu

Clinical Practice Editor

Bernadette Rodak MS CLS(NCA)
Clinical Laboratory Science
Indiana University, 409 Fesler
1120 South Avenue
Indianapolis IN 46202-5133
brodak@iupui.edu

Research and Reports Editor

David G Fowler PhD CLS(NCA)
University of Mississippi Medical Center
Dept of Clinical Laboratory Sciences
2500 North State St
Jackson MS 39216
dfowler@shrp.umsmed.edu

Inclusion in the journal of product names or author opinions does not constitute endorsement by either *Clinical Laboratory Science* or ASCLS.

Contributing Editors

Eileen Carreiro-Lewandowski/N Dartmouth MA
Deborah Josko/Newark NJ
Elaine Kohane/Newark NJ
Rebecca Laudicina/Chapel Hill NC
Connie Mahon/San Antonio TX
Linda Smith/San Antonio TX
Michelle Wright-Kanuth/Galveston TX

REVIEW BOARD

Richard Bamberg/Greenville NC
Kathleen Blevins/Oklahoma City OK
Dianne Cearlock/DeKalb IL
Peter Colaninno/Jamaica NY
Jo Ann Fenn/Salt Lake City UT
Ellis Frohman/St Louis MO
Mildred Fuller/Norfolk VA
Abraham Furman/Portland OR
Richard Gregory/Indianapolis IN
Jesse Guiles/Newark NJ
Lester Hardegree/Bluffton SC
Denise Harmening/Baltimore MD
Daniel Hoefner/Elon, NC
Linda Hogan/Wichita KS
Virginia Hughes/Montgomery AL
Donna Larson/Gresham OR
Elizabeth Leinbach-Kenimer/Augusta GA
Linda Kasper/Indianapolis IN
Nancy Konopka/Gettysburg PA
Robin Krefetz/Cherry Hill NJ
Linda Laatsch/Milwaukee WI
Hal Larsen/Lubbock TX
LouAnn Lawrence/New Orleans LA
Craig Lehmann/Stony Brook NY
Lynn Little/Dallas TX
Carol McCoy/Minneapolis MN
David McGlasson/Lackland AFB TX
Sharon Miller/St Charles IL
Isaac Montoya/Houston TX
Harriette Nadler/King of Prussia PA
Joan Prince/Milwaukee WI
Margaret Reinhart/Philadelphia PA
John Seabolt/Lexington KY
Stephen Sodeke/Tuskegee AL

P.A.C.E.® Liaison

Sharon Miller/St Charles IL

ASCLS BOARD OF DIRECTORS 2005-2006

Bernadette Bekken, President
Shirlyn McKenzie, President-Elect
Susan Morris, Past President
Scott Aikey, Secretary Treasurer
Bobby Lee, Region I
Mary Ann McLane, Region II
Lynn Ingram, Region III
Linda Kasper, Region IV
Rick Panning, Region V
John Koenig, Region VI
Debra Faubion, Region VII
Suzanne Zanto, Region VIII
Donna Reinbold, Region IX
Sheri Gon, Region X
Maia Maiden, First Year Professional
Sharon Bobryk, Student Forum Chair

ASCLS Headquarters Executive Staff

Elissa Passiment, Executive Director

EDITORIAL OFFICE

Schwabbauer and Associates
2167 Terra Lane
PO Box 5399
Coralville IA 52241-5399
(319) 351-2922; (319) 351-2927 (fax)
cls@ia.net
www.ascls.org/leadership/cls/index.htm

Executive Editor

Marian Schwabbauer PhD

Managing Editor

Ivan Schwabbauer

PRODUCTION

BB Design Studio
2416 E Avenue NE
Cedar Rapids IA 52402

Clinical Laboratory Science (ISSN 0894-959X) is published quarterly by the American Society for Clinical Laboratory Science, 6701 Democracy Blvd., Suite 300, Bethesda MD 20814; (301) 657-2768; (301) 657-2909 (fax).

Annual Subscription Rates:

	USA	Canada	Non-USA
Individuals	\$50	\$65	\$100
Institutions	\$65	\$65	\$100

Questions related to subscriptions should be addressed to: SherryM@ASCLS.org. The cost of single copies is \$10. Requests to replace missing issues free of charge are honored up to six months after the date of issue. Send requests to ASCLS headquarters. Annual membership dues of ASCLS are \$92, \$40 of which is allocated to a subscription of CLS. Periodical postage paid at Bethesda, MD and other additional mailing offices.

Advertising for CLS is accepted in accordance with the advertising policy of the ASCLS. Contact the CLS advertising representative at (301) 657-2768.

Manuscript Submissions: To encourage consistency in style, refer to guidelines in Scientific Style and Format – The Council of Biology Editors Manual for Authors, Editors, and Publishers, 6th ed.

Detailed instructions for authors are available on the ASCLS site. Contact the CLS Editorial Office for more information.

All articles published represent the opinions of the authors and do not reflect the official policy of ASCLS or the authors' institutions unless specified.

Microfilm and microfiche editions of CLS are available from University Microfilms, 300 N Zeeb Road, Ann Arbor MI 48106.

Correspondence related to editorial content should be mailed to: CLS Editorial Office, PO Box 5399, Coralville IA 52241-5399; (319) 351-2922; (319) 351-2927 (fax). cls@ia.net

© Copyright 2005 American Society for Clinical Laboratory Science Inc. All rights reserved.

Postmaster: Send address changes to
Clinical Laboratory Science
6701 Democracy Blvd, Suite 300
Bethesda MD 20814