

**THE AMERICAN SOCIETY OF PHARMACOGNOSY****John W. Daly, Ph.D. to
Receive 1997 ASP Research
Achievement Award**

John William Daly has been selected as the 1997 ASP Research Achievement Award winner, and will be addressing the Annual Meeting in Iowa City, where he will receive his award. Dr. Daly is currently the Chief of the Laboratory of Bioorganic Chemistry at the National Institute of Diabetes and Digestive and Kidney Diseases at the National Institutes of Health in Bethesda, Maryland.

**John W. Daly, Ph.D.**

John was born in Portland, Oregon and received both his B.S. (Biochemistry, 1954) and his M.S. (Organic Chemistry, 1955) degrees from the Oregon State University. His Ph.D. degree in Organic Chemistry was completed in 1958 at Stanford University.

Dr. Daly began his career at the United States Public Health Service at the NIH. He rose through the ranks at the NIH to his current position. John is also an adjunct professor in the Department of Pharmacology and Experimental Therapeutics and the University of Maryland School of Medicine and is a Research Associate in the Department of Herpetology at the American Museum of Natural History.

John's research interests include the structure elucidation and pharmacology of alkaloids and other natural products. He has interest in the structure-

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PRESIDENT'S MESSAGE—THE ASP ROOTS

The American Society of Pharmacognosy maintains a historical archive. This historical record for ASP is maintained with the Secretary of ASP, currently Bill Keller, who has provided me some information about the ASP.

The American Society of Pharmacognosy was officially founded in 1959 as an outgrowth of the Plant Science Seminars. Dr. Anna Wannamaker has written a detailed account of these seminars which began in August of 1923 and continued until the last one held at the University of Illinois College of Pharmacy in 1959. Dr. Varro (Tip)

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**SOUTHEAST
REGIONAL
SECTION FOR
ASP?****We want your
opinion.
See Page 3**

**38th Meeting of the American Society of Pharmacognosy
University of Iowa, Iowa City, Iowa
Invited Speakers**

**Diversity in Natural Products Chemistry
Sources and Applications**

Chris Ireland (Utah)

*What do Cone Snails and Didemnid Ascidians have in
Common? Structural Studies of Marine Peptides*

Lourival Possani (UNAM - Cuernavaca)

*Scorpion Toxins: Natural Tools for the Study of Ion
Channels: Biochemistry, Molecular Biology and Medical
Applications*

Cliff Gerwick (Dow/Elanco)

*Agrichemicals from Natural Products: Strategy and New
Lead Chemistries*

Gerald Bills (Merck)

Playing the Natural Products Lottery: The Fungal Ticket

Hans Reichenbach (GBF, Braunschweig)

*New Compounds with Unusual Mechanisms of Action
from Myxobacteria*

Chris Pazoles (Phytera)

*Plant Cell Culture as a Source of Chemical Diversity and
Novelty for Drug Discovery.*

John Cardellina, II (NCI/LDDRD)

*Reflections on LDDRD Investigations of Antitumor and
Anti-HIV Natural Products*

ASP Research Achievement Award Address

John W. Daly (NIH)

*Thirty Years of Searching for Bioactive Arthropod
Alkaloids in Amphibian Skin*

Biocatalysis and Biosynthesis of Natural Products

Neil Bruce (Cambridge)

Microbial Transformations of Morphine Alkaloids

Tomas Hudlicky (Florida)

*Biocatalytic Approaches to Amaryllidaceae and Morphine
Alkaloids: The Next Generation*

Craig Townsend (Johns Hopkins)

The Chemistry and Enzymology of Aflatoxin Biosynthesis

Past ASP Presidents

1959-61	Varro E. Tyler
1961-62	Norman R. Farnsworth
1962-63	Jack L. Beal
1963-64	Gordon H. Svoboda
1964-65	Melvin R. Gibson
1965-66	David P. Carew
1966-67	Egil Ramstad
1967-68	Maynard W. Quimby
1968-69	Elmore H. Taylor
1969-70	Heber W. Youngken, Jr.
1970-71	Lynn R. Brady
1971-72	E. John Staba
1972-73	Ralph N. Blomster
1973-74	William J. Kelleher
1974-75	Leonard R. Worthen
1975-76	Philip Catalfomo
1976-77	George H. Constantine, Jr.
1977-78	Heinz G. Floss
1978-79	Harry H. S. Fong
1979-80	James E. Robbers
1980-81	Jack K. Wier
1981-82	John P. Rosazza
1982-83	Jerry L. McLaughlin
1983-84	Paul L. Schiff, Jr.
1984-85	J. Michael Edwards
1985-86	Geoffrey A. Cordell
1986-87	James D. McChesney
1987-88	Yuzuru Shimizu
1988-89	David G. I. Kingston
1989-90	Matthew Suffness
1990-91	A. Douglas Kinghorn
1991-92	Chris M. Ireland
1992-93	Lester A. Mitscher
1993-94	John M. Cassday
1994-95	Alice M. Clark
1995-96	Kenneth L. Rinehart
1996-97	Charles D. Hufford

**Recipients of the ASP Research
Achievement Award**

1985	Koji Nakanishi
1988	Heinz G. Floss
1989	Kenneth L. Rinehart
1990	Monroe E. Wall
1991	S. William Pelletier
1992	Henry Rapoport
1993	A. I. Scott
1994	Paul J. Scheuer
1995	George Robert Pettit
1996	Meinhart Zenk
1997	John Daly

SOUTHEAST REGIONAL SECTION FOR ASP?

The success of the newly organized Northern California Section of the ASP (NCS-ASP) has prompted a feasibility study for the establishment of a similar chapter in the Southeast Region of the United States. A demographic study of the 107 ASP members currently living in the Southeast Region revealed the following:

Alabama	8
Arkansas	1
Florida	22
Georgia	8
Louisiana	12
Mississippi	23
North Carolina	11
Oklahoma	3
South Carolina	2
Tennessee	4
Texas	13

I am interested in feedback from members listed above about the feasibility of establishing a S. E. Regional Section for ASP. Please contact Dr. Charles D. Hufford if you are

President's Message continued from page 1

Tyler was elected as the first President of the American Society of Pharmacognosy (see listing of all past Presidents of ASP on page 2). The Society quickly recognized the importance of having a Journal and entered into an agreement with the Lloyd Library and Museum in 1961 to publish *Lloydia*, "a quarterly Journal of Pharmacognosy and Allied Biological Sciences, the official publication of the Lloyd Library and Museums and the American Society of Pharmacognosy."

The Society has become international in scope and brings together men and women dedicated to the promotion, growth and development of all aspects of the sciences

UNIVERSITY OF THE PACIFIC TO START THE MARVIN H. MALONE SCHOLARSHIP FUND

The Marvin H. Malone Scholarship fund is being established at the School of Pharmacy, University of the Pacific in memory of this outstanding researcher. For donations, please contact Dr. Jim W. Blankenship, Department of Pharmacology, University of the Pacific, Stockton, CA 95211. Tel. (209) 946-3167; FAX (209) 946-2410, e-mail jblankenship@uop.edu

interested in discussing and/or spearheading such a section.

Dr. Charles D. Hufford:
e-mail chufford@olemiss.edu
Fax 601-232-5704
Phone 601-232-7265



dealing with natural products. The Society currently has over 1100 members. The Journal, now called *The Journal of Natural Products* and co-published with the American Chemical Society, has become an internationally respected Journal for publishing scientific studies related to natural products. In short, the ASP has grown and become the major force dealing with the scientific aspects of natural products. A list of past recipients of the ASP Research Achievement Award demonstrates the quality and character of the science of the Society.

I hope all members will be able to attend the annual meeting at the University of Iowa, July 26-30. See you in Iowa City.

Future ASP Meetings

- 1997 - July 26-30 - University of Iowa
 1998 - July 19-23 - Orlando, Florida
 1999 - July 26-31 - International meeting with the Phytochemical Society of Europe, the Gesellschaft für Arzneipflanzenforschung, and the Association Française pour l'Enseignement et la Recherche en Pharmacognosie - Amsterdam, The Netherlands
 2000 - Seattle, Washington

Future AACP Meetings

- 1997 - November 2-6 - Boston, MA.

Other Meetings of Interest—1997**June 1-4, International Symposium on Herbal Medicine**, Honolulu, Hawaii. Contact:

International Institute for Human Resources Development, College of Health and Human Services, San Diego State University, San Diego, CA 92182-1872 Tel: (619)594-2817, Fax: (619) 594-2811, E-mail: tshuman@mail.sdsu.edu

June 24-27, 5th International Symposium on Pharmaceutical Sciences, Ankara, Turkey. Contact: Maksut Coskun, Ankara University, Faculty of Pharmacy. 06100 Tandooan, Ankara-Turkey. Tel: 90.312.222 04 71, Fax: 90.312.213 10 81, E-mail: coskun@pharmacy.ankara.edu.tr, URL: <http://www.pharmacy.ankara.edu.tr>

Aug. 3-7, International Mint Symposium, and Mint Tour, Seattle, Washington USA. Covering all scientific and commercial aspects of peppermint, Scotch and Native spearmint, Cornmint and other Mentha species, including oil and menthol, production, processing, analytical studies and application. Contact: Dr. Brian M. Lawrence, 1110 Staffordshire Court, Winston Salem NC 27104-2736 USA. Tel.: 910-741-2031 ; Fax: 910-741-6343.

Sept. 1-3, 28th International Symposium on Essential Oils (ISEO) Eskisehir, Turkey. Takes place at the campus of the Anadolu University Medicinal and Aromatic Plant and Drug Research Centre (TBAM). Contact: Prof. Dr. K. Hüsnü Can Baser, Anadolu University, TBAM, 26470 Eskisehir, Turkey. Fax: 90-222 33501 27; E-mail: tbam@vm.baum.anadolu.edu.tr. Homepage: <http://www-anadolu-edu-tr/anadolu/tbam/index.html>.

September 7-12, 45th Annual GA-Congress in Regensburg, "Natural Compounds as-Antivirals-Immunomodulators-Anticoagulants." Contact: Prof. Dr. G. Franz, Institute of Pharmacy, University of Regensburg, Universitätsstraße 31, D-93040 Regensburg, Germany. Tel:

#49/ (0)941-943-4760, Fax: #49/ (0)941-943-4762
 E-mail: Gerhard.Franz@chemie.-uni-regensburg.de.

Sept. 24-27, "Bioassay and Screening Methods in Phytochemistry", Uppsala, Sweden. Contact Prof. L. Bohlin, Div. of Pharmacognosy, Biomedical Centre, Uppsala University, P.O. Box 579, S-75123 Uppsala, Sweden. Tel.: ++46 18 174492; Fax ++46 18 509101; E-mail: Lars.Bohlin@bmc.uu.se.

Sept. 29 to Oct. 1, "Natural Products Analysis - Chromatography, Spectroscopy, Biological Testing", Würzburg, Germany. The Symposium focuses on isolation techniques, structure elucidation and biological evaluation of natural products. Contact: Prof. Dr. P. Schreier, University of Würzburg, Food Chemistry, Am Hubland, D-97074 Würzburg, Germany. Tel.: ++ 49 931 8885481; Fax: ++49 931 8885484; E-mail: schreier@plz.uni-wuerzburg.de.

October 28-30, International Symposium on Natural Medicines, Kyoto, Japan. Organized by the Japanese Society of Pharmacognosy. Contact: Prof. Gisho Honda, General Secretary, International symposium on Natural Medicines, Faculty of Pharmaceutical Sciences, Kyoto University, 46-29, Yoshida-Shimoadachi, Sakyo, Koyto, 606-01 Japan. Fax: 81-75-753-4591

November 10-15, II World Congress on Medicinal and Aromatic Plants for Humal Welfare Wocmap II, Mendoza, Republica Argentina. Contact: Dr. Arnaldod Bandoni, SAIPA, Av. de Mayo 1324 - 1° piso, oficina 36 (1085) Buenos Aires, Argentina Te/Fax (54-1) 383-2360 (54-1) 961-7637 E-mail: postmaster@saipa.org.ar

December 28-January 1, 1998, 7th International Symposium on Natural Product Chemistry, Karachi, Pakistan. Contact: Prof. Atta-ur-Rahman S.I., T.I. (Chairman) or Dr. M. Iqbal Choudhary (Secretary), H.E.J. Research Institute of Chemistry, University of Karachi, Karachi -75270. Tel: 092-21-496-8497, Fax: 092-21-496-3373, E-mail: hej@biruni.erum.com.pk

1997-98 Programme of meetings of The Phytochemical Society of Europe. Contact: Dr. R. H. Robins, Honorary Meetings Secretary, Laboratoire de RMN-RC, Faculté des Sciences, 2 rue de la Houssinière, F-44072 nantes Cedex 03, France. Fax: +44-116-257-7287

September, 1997--Bioassay and Screening Methods in Phytochemistry, Uppsala, Sweden (Prof. L. Bohlin)

April 1998--Isoquinoline and Indole Alkaloids, Istanbul, Turkey (Prof. G. Sariyar)

September, 1998--Biologically Active Peptides, Oslo, Norway (Prof B. S. Paulsen)

Meetings continued on page 6

NEW MEMBERS

ACTIVE MEMBERS

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| Peggy Brevoort
Eugene, Oregon | Tadaaki Ogiya
Kowa Company
San José, California | Kenneth M. Snader
National Cancer Institute
Bethesda, Maryland |
| Angela I. Calderón
Panama, República de
Panamá | Jorge A. Palermo
Buenos Aires, Argentina | Malladi Srinivas
Vittal Mallya Scientific
Research Foundation
Bangalore, India |
| Michael A. Calter
Virginia Tech
Blacksburg, Virginia | Durk Pearson
Tonopah, Nevada | Brian J. Starbuck
Hauser Chemical Research
Boulder, Colorado |
| Brian J. Douglas
Fountain Ridge Ginseng
Savona, Canada | Dorene Peterson
The Australasian College of
Herbal Studies
Lake Oswego, Oregon | Paul Stead
Glaxo Wellcome
United Kingdom |
| Roberto Ricardo Gil
Univ. Nacional de Córdoba
Córdoba, Argentina | Savid Phife
Microcide Pharmaceuticals
Mountain View, California | David Tucker
University of New England
Armidale, Australia |
| Derek Hook
NPS Pharmaceuticals
Salt Lake City, Utah | Mohsin Raza
Virginia Commonwealth
University
Richmond, Virginia | Janis Upešlacis
Wyeth-Ayerst Research Co.
Pearl River, New York |
| Young-Uk Kim
Bayside, New York | William F. Reynolds
University of Toronto
Toronto, Canada | Marilyn Vassullo
San José State University
Pacific Grove, California |
| Xing-Cong Li
University of Iowa | Rodger R. Rohde
Wayne, New Jersey | Shang-Kwei Wang
Kaohsiung Medical College
Taiwan |
| Katsuaki Nakajima
Kowa Company
San Jose, California | Matt Schueller
Green Bay, Wisconsin | Robert L. White
Dalhousie University
Halifax, Nova Scotia |
| David J. Newman
National Cancer Institute
Frederick, Maryland | Yu Shao
Rutgers, The State
University of New
Jersey
New Brunswick, New
Jersey | Min Wu
Ligand Pharmaceuticals
San Diego, California |
| William R. Obermeyer
Food and Drug Admin.
Washington, DC | Reginald J. Smith
Phytext Australia Ltd.
Castle Hill, Australia | Yang Ye
Shanghai Inst. of Materia Medica
Shanghai, China |
| Juan Carlos M. Oberti
Univ. Nacional de Córdoba
Córdoba, Argentina | | |

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The Society is pleased to welcome all our new members. We hope to see many of you at the annual meeting in Iowa City this summer.

More Meetings

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Other Meetings of Interest—1998

February 16-20, Medicinal Plants for Survival: International Conference on Medicinal Plants Conservation, Utilisation, Trade and Cultural Traditions, Bangalore, India. Contact: Foundation for Revitaliation of Local Health Traditions (FRLHT), No. 50, 2nd State, MSH Layout, Anandanagar, Bangalore -560024, India. Phone: +91-80-3336909/0348, Fax: +91-80-3334167, E-mail: root@frlht.ernet.in

May 26-29, VIIIth International Symposium on Luminescence Spectrometry in Biomedical and Environmental Analysis-Detection Techniques and Applications in Chromatography and Capillary Electrophoresis, Canary Islands, Spain. For information contact: Dr. José Juan Santana Rodríguez, Symposium Chairman, University of Las Palmas de Gran Canaria, Department of Chemistry - Faculty of Marine Sciences, 35017 Las Palmas de Gran Canaria, Spain. Phone: +34(9)28 45.29.15 / 45.29.00 FAX: +34(9) 28 45.29.22 email: josejuan.santana@quimica.ulpgc.es.

October 11-16, 21st IUPAC International Symposium on the Chemistry of Natural Products (ISCNP-21), Beijing, China. Contact: Prof. Xibai QIU, Secretariat of ISCNP-21, c/o Chinese Chemical Society, P.O. Box 2709, Beijing 100080, China. Tel.: 86-10-6256815, 62564020, Fax: 86-10-62568157, E-mail: qiuxb@infoc3.icas.ac.cn

NOMINATIONS FOR HONORARY MEMBERSHIP

Nominations for Honorary Membership in the American Society of Pharmacognosy are now being accepted by the Honorary Membership Committee. If you would like to nominate a member for this distinguished honor, please forward your nomination as well as two letters of recommendation and supporting biographical data to: Arnold Brossi, Ph.D., 5713 Wilson Lane, Bethesda, MD 20817. Phone: (301) 320-3072.

DIRECTOR OF PHYTOCHEMICAL RESEARCH,

Phytopharm plc

Reporting directly to the Chief Scientific Officer you will be the Company's prime source of expertise in phytochemistry, taxonomy and pharmacognosy of vegetable drugs. With responsibility for the production of phytochemical information on the products under development by the Company, relating this to their biological activity where possible, you will also produce information on the definition of germplasm, horticulture, collection, preparation and storage of these materials.

Candidates should have extensive post graduate experience in phytochemistry. Relevant pharmaceutical industry experience, working in chemistry with exposure to regulatory affairs would be an advantage. You will be self-motivated and enjoy the challenge of working in a small, fast moving organization.

We offer a competitive package commensurate with this senior position. These positions are based at our offices in Cambridgeshire, UK.

Please write in confidence enclosing a full CV to: Jayne Allan, Director of Personnel, Phytopharm plc, Corpus Christi House, 9 West Street, Godmanchester, Cambs PE18 8HG

Employment Service

The American Society of Pharmacognosy offers a placement service to aid our members in seeking positions or employees. This service is available only to ASP members and is free to both the applicant and the prospective employer. Once an application is submitted, it will remain on file for one (1) year, at which time it will be destroyed. The applicant should realize that this is not a resume service and that the application will be submitted to the prospective employer exactly as submitted (i.e. the submitted form will be photocopied, then sent to the prospective employer). All information submitted will be held in the strictest confidentiality.

Forms and further information may be obtained from:

Joseph M. Betz, Ph.D., Division of Natural Products, Food and Drug Administration (HFS-347), 200 'C' Street, S.W., Washington, DC 20204-0002 U.S.A.; Fax: (202)205-4422; Phone: (202)205-4060; E-mail: jbetz@bangate.fda.gov

Daly to receive ASP Achievement Award continued from page 1

activity relationships for many of the chemical mediators in the human body and the mechanism of actions of the xanthines. He also has interest in biogenic amines and drug metabolism. He is interested in the functional relationships among cyclic nucleotides, ion channels and phospholipid metabolism.

Dr. Daly holds memberships in numerous scientific organizations and is on the editorial board of the Journals; *Molecular Pharmacology*, *Cellular and Molecular Neurobiology*, and *Toxicol.*

John has received numerous honors including (in 1996) the Award for Outstanding Achievement in the Biological Sciences (Washington Academy of Sciences), the Outstanding Performance Award (Senior Executive Service, HHS), and the Japanese Society Fellowship for the Promotion of Science.

Dr. Daly has published nearly 500 research articles, numerous reviews and book chapters. He holds six patents and one monograph. He has delivered numerous invited and plenary lectures at National and International Scientific Meetings over his career.

Congratulations, Dr. Daly.



MORE NEW MEMBERS

Mark Zabriskie
Oregon State University
Corvallis, Oregon

Lu Zeng
San Diego, California

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ASSOCIATE MEMBERS

Emmanuel Addo
Northridge, California

Juan Antonio Fernández
Apango
Baja California, Mexico

Aaron B. Beeler
Franklin, Tennessee

Charles L. Cantrell
Fordoche, Louisiana

Parnali Chatterjee
Northeast Louisiana Univ.
Monroe, Louisiana

Liqiong Fang
PCRPS
Chicago, Illinois

Melissa Flagg
Tucson, Arizona

Holly A. Johnson
Purdue University
West Lafayette, Indiana

Nisit Kittipongpatana
Philadelphia College of
Pharmacy and Science
Philadelphia, Pennsylvania

Robert E. Krull
Colorado State University
Fort Collins, Colorado

Fabricio Medina-Bolivar
Penn State University
University Park, Pa.

Abraham Yeboah Mensah
King's College
London, England

Bambang Wahyu Nugroho
Universität Würzburg
Würzburg, Germany

Nicholas H. Oberlies
Purdue University
West Lafayette, Indiana

Sergio Peraza
Chicago, Illinois

Shengxiang Qiu
PCRPS
Chicago, Illinois

Lisa Rahbaek
Copenhagen, Denmark

Michael J. Reid
Davis, California

Chance Riggins
Missoula, Montana

Samuel Sperry
University of California
Santa Cruz, California

Dr. E. John Staba
 College of Pharmacy
 University of Minnesota
 Minneapolis MN 55455

David J. Slatkin, Ph.D., Treasurer
 The American Society of Pharmacognosy
 P. O. Box 9558
 Downers Grove, Illinois 60515



MEMBERSHIP

Membership in the American Society of Pharmacognosy is recognized in several categories:

Full Membership

Full membership is open to any scientist interested in the study of natural products. Dues are \$25.00 per year. In order to receive the *Journal of Natural Products* the subscription rates are as follows: United States: \$50.00; Canada and Mexico: \$60.00; Europe: \$70.00; All other countries: \$74.00.

Associate Membership

Associate membership is open to students of pharmacognosy and allied fields. These members are not accorded voting privileges, and dues are \$15.00 per year. In order to receive the *Journal of Natural Products* the subscription rates are as follows: United States: \$35.00; Canada and Mexico: \$45.00; Europe: \$55.00; All other countries: \$59.00.

Emeritus Membership

Emeritus membership is open to retired members of the Society who maintained membership in the Society for at least five years. Dues are \$5.00 per year. These members receive the *ASP Newsletter*. Emeritus members may subscribe to the *Journal of Natural Products* at the Full Member rates.

Honorary Membership

Honorary members are selected by the Executive Committee of the American Society of Pharmacognosy on the basis of meritorious service to pharmacognosy.

Present Honorary Members are:

- Dr. Jack L. Beal, Columbus, Ohio
- Dr. Arnold Brossi, National Institute of Health, MD
- Dr. David P. Carew, University of Iowa
- Dr. Norman R. Farnsworth, University of Illinois
- Dr. R. Hegnauer, Leiden, Netherlands
- Dr. Albert Hofmann, Switzerland
- Dr. S. William Pelletier, University of Georgia
- Dr. James E. Robbers, Purdue University
- Dr. Richard E. Schultes, Harvard Botanical Museum
- Dr. Varro E. Tyler, Purdue University
- Dr. Hildebert Wagner, University of Munich
- Dr. Monroe E. Wall, Research Triangle Institute, NC
- Dr. Heber W. Youngken, Jr., University of Rhode Island

Additional information about memberships may be obtained by writing to the Treasurer of the Society:

David J. Slatkin, Ph.D., Treasurer
 The Am. Society of Pharmacognosy
 Chicago College of Pharmacy
 555 31st Street
 Downers Grove, IL 60515

ASP Newsletter

Joy B. Reighard, Ph.D.
 Editor

Barbara H. Grissani
 Editorial Assistant

Deadlines for submission of information are as follows:

Spring Issue - March 1st

Summer Issue - June 1st

Fall Issue - September 1st

Winter Issue - December 1st

Send information to

Joy B. Reighard, Ph.D., Editor
ASP Newsletter

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