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PSNA Executive Committee 1997-98

Dr. Rachel Mata

Past-President, PSNA
Facultad de Química
Univ. Nac. Autónoma de México
Apartado Postal 70-243
Coyoacán 045 1 0, México, D.F., MÉXICO
(5) 622-5289 (phone)
(5) 622-5329 (fax)
rachel@servidor.unam.mx

Dr. Vincenzo De Luca

President, PSNA
Université de Montréal
Institut Botanique
Montréal, QC, CANADA, H1X 2B2
(514) 872-8492 (phone)
(514) 872-3765 (fax)
delucavi@ere.umontreal.ca

Dr. John T. Romeo

Editor-in-Chief, PSNA
Department of Biology
University of South Florida
Tampa, FL 33620, USA
(813) 974-3250 (phone)
(813) 974-3263 (fax)
romeo@chuma.cas.usf.edu

Dr. W. Dennis Clark

Secretary, PSNA
Department of Plant Biology
Arizona State University
Tempe, AZ 85287-1601, USA
(602) 965-4482 (phone)
(602) 965-6899 (fax)
dennis.clark@asu.edu

Dr. Cecilia A. McIntosh

Treasurer, PSNA
Department of Biology
East Tennessee State University
Johnson City, TN 37614-0703, USA
(423) 929-5838 (phone)
(423) 929-5958 (fax)
mcintosc@etsu.edu

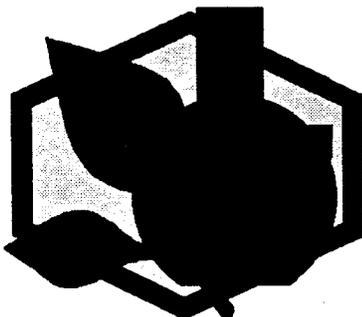
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The Phytochemical Society of North America is a nonprofit scientific organization whose membership (currently over 400) is open to anyone with an interest in phytochemistry and the role of plant substances in related fields. Annual membership dues are U.S. \$20 for regular members and \$10 for student members. Annual meetings featuring symposium topics of current interest and contributed papers by conference participants are held throughout the United States, Canada, and Mexico. Still a specialist organization despite its broadened interests, PSNA meetings are small enough to offer informality and intimacy that are conducive to the exchange of ideas. A newsletter is circulated to members several times a year to keep them informed of upcoming meetings and developments within the society. If you would like additional information about the PSNA or if you have material to be included in the newsletter, please contact the PSNA Secretary. Annual dues and changes in addresses should be sent to the PSNA Treasurer. Also see the PSNA homepage, currently at: <http://www.fiu.edu/orgs/psna>.

Fred L. Tobiason¹, R.W.
Hemingway² and T. Hatano³,
¹Department of Chemistry, Pacific
Lutheran University, Tacoma, WA
98447 USA; ²Southern Research
Station, USDA Forest Service,
Pineville, LA 71360 USA;
³Okayama University, Tsushima,
Okayama, 700, JAPAN

CONFORMATIONAL DYNAMICS OF PROANTHOCYANIDINS: PHYSICAL AND COMPUTATIONAL APPROACHES

The interaction of plant polyphenols with proteins accounts for a good part of their commercial (e.g. leather manufacture) and biological (e.g. anti-microbial activity) significance. The interplay between observations of physical data such as crystal structure, NMR analyses, and time-resolved fluorescence with results of computational chemistry approaches has been essential to any success we have had in this effort. Examples of critical steps that demonstrate the importance of combining physical data with computational chemistry, are summarized. Both measurement of physical properties and computational studies are required if we are to make progress in our understanding of the interactions between polyphenols and proteins.

