



## Purdue University-University of Alabama

### Botanical Center for Age Related Diseases Training Session: *Botanical Standardization of Medicinal Plants*

October 20- 21, 2005



#### Thursday, October 20, 2005

##### Foran Hall, New Wing, NUANPP Conference Room, Rm 395

8:00 Registration and Continental Breakfast

8:30 Welcome and Tour of the NUANPP Lab Facilities, Prof. James E. Simon, Director of NUANPP

##### Foran Hall, Room 191B

09:15 The World of Nutraceuticals -Background of NUAPP, James E. Simon, Plant Biology, Rutgers

10:00 The Relevance & Importance of QC on Nutraceuticals, Prof. Chi-Tang Ho, Food Science, Rutgers

10:45 Break (coffee and herbal African teas provided)

11:00 The Botanical Center for Age Related Diseases and the Need for Standardization in Clinical and Nutritional Intervention Studies, Prof. Connie Weaver, Dept. Nutrition, Purdue University and PI of the Botanical Center

12:00 Lunch (catered lunch)

1:00 Quality Control for and Botanical Standardization of Botanical Products, Dr. Mingfu Wang, Univ. of Hong Kong

2:00 Traditional Botanical Taxonomy and Herbarium Voucher Mounting for Identification and Authentication, Dr. Lena Struwe, Ecology, Evolution & Natural Resources and Plant Biology, Rutgers

3:00-6:00 Practicum: Field trip to the Chrysler Herbarium Douglass College Campus, Exercise in Botanical Mounting, and Tour of the Botanicals Research in the Greenhouses (Kudzu and more) (Tour Guides: Drs. Struwe, Simon, Wu, and Park)

#### Evening:

Group Dinner: International Cuisine (Cost is \$30.00/person in addition to registration, reservations needed)

#### Friday, October 21, 2005

##### Foran Hall, 191B

8:00 Continental Breakfast

8:30 Traceability and Botanical Standardization: Challenges and Approaches, Drs. Simon and Wu

9:15 Genetic Plant Taxonomy for Identification and Adulteration, Dr. Jeremy Kaptyen, Univ. of Arizona

10:00 New Technologies in Searching for Bioactives from Botanicals, Prof. Ilya Raskin, Plant Biology and BioTech Center, Rutgers

10:45 Break

11:00 Case Study: Quality Control and Botanical Authentication for new botanicals in the US market, Dr. Rodolfo Juliani, NUANPP, Rutgers

12:00 Lunch

1:00 Modern Analytical Methodologies in Natural Products Chemistry, Dr. Qing-Li Wu, NUANPP, Rutgers

2:00-5:00 Lab practicum: Chemical profiling of Medicinal plants using LC/UV/MS and GC-MS, Drs. Wu, Juliani and Wang, NUANPP, Rutgers

#### Saturday, October 22, 2005

##### Foran Hall, 191B

8:00- 10:00 Private and/or Group Appointments to address specific issues and potential collaborations

10:00: Workshop Closes. Safe Journey Home

**Course is limited to 20 participants**

<b>Location</b>	<b>Fees</b>
Rutgers University	Botanical Center Faculty and Staff \$ 300
	Botanical Center Students \$ 200
Foran Hall	Other academic faculty and staff \$ 600
59 Dudley Road	Other Students \$ 300
New Brunswick, NJ 08901	Industry Participants \$1,000
	Thursday Group Dinner \$ 30*

\*Thursday International Dinner: \$30.00 reservations requested.

**Accommodations:** A block of rooms has been reserved at the Ramada Inn, 999 Route 1 South, North Brunswick, NJ (about two miles from campus, transportation to and from will be provided). The cost of the room is not included in the registration fee.

Prices: Standard rooms: Single/Double/Triple: \$69.00/night, you need to mention you're here for this Rutgers meeting. To make room reservations call 1-732-246-3737.

Each participant should make their own travel and hotel reservations. Let us know if you need additional assistance.

For more information about the logistics of the meeting and to attend, call: Diane Ducceschi ([ducceshi@aesop.rutgers.edu](mailto:ducceshi@aesop.rutgers.edu)) or 732-932-9711, ext. 241; Fax: 732-932-9377.

For more information about the program content of the workshop, call:

Dr. Jim Simon ([jesimon@aesop.rutgers.edu](mailto:jesimon@aesop.rutgers.edu)); Tel. 732-932-9711, ext. 355; or,

Dr. Qing-Li Wu ([qlwu@aesop.rutgers.edu](mailto:qlwu@aesop.rutgers.edu)); Tel, 732-932-9711, ext. 372.

## Botanical Standardization of Medicinal Plants

October 20 and 21, 2005

New Brunswick, NJ



### Registration Form



Name \_\_\_\_\_

Organization \_\_\_\_\_

Department \_\_\_\_\_

Title \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_

FAX \_\_\_\_\_

E-mail \_\_\_\_\_

- Tuition\*:  Botanical Center Members \$ 300  
 Botanical Center Students \$ 100  
 Other Students \$ 200  
 Public Sector Non-Bot Center members \$ 600  
 Industry Participant \$ 800  
 Thursday International Group Dinner \$ 30

Deadline; September 31, 2005

Late registrations (received after 09/20/2005) will be accepted on a space available basis, but an additional charge of \$100/person for will be assessed for each category.

- Check enclosed, made payable to Rutgers University  
 I am submitting a university purchase order to Rutgers University

\*Sorry, credit cards are not accepted for registration. Please select either a university purchase order, or a check for the amount due upon registration. Full payment due upon registration.

Mail or FAX to: Ms. Diane Ducceschi

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New Use Agriculture & Natural Plant Products Program  
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