



Save The Date!

*You are Invited to Participate in the
Cereal Annotation & Improvement Workshop
University of Arizona, Tucson
November 12 – 14, 2004*

Millions living in marginal, difficult areas of Africa's Sahel depend upon millet and sorghum as staples of their diets and as feed for their livestock. Our goal is to harness genomics technology to help develop new ways of protecting these "orphan crops" against disease, pests and abiotic stress and in improving their nutritional quality.

We need your help in this humanitarian effort.

We need your professional expertise as we:

- Align the maps of millet and sorghum to the most complete japonica rice genome map
- Align the map of *Oryza glaberrima* with the above syntenic alignment
- Determine candidate genes and putative markers
- Annotate those genes to allow subsequent prioritization for additional functional studies
- Develop a standard approach for how such genomic information can be applied by a researcher in a developing country most effectively

The intent of the workshop is to serve the public good and all data, material and outputs will be placed, and remain, in the public domain. Recipients of the information from International Crops Research Institute for the Semi-Arid Tropics agree not to seek Intellectual Property Rights over the information.

The Cereal Annotation & Improvement Workshop will be held at the University of Arizona and will immediately precede the Second International Symposium on Rice Functional Genomics, November 15 – 17, 2004. Additional information and a registration form follow.

Be a part of this project as we look for ways to make a positive difference for resource poor families and farmers.

Hosted by:

*Cold Spring Harbor
Syngenta Biotechnology Incorporated
University of Arizona*

Sponsored by:

The logo for the Syngenta Foundation for Sustainable Agriculture, identical to the one at the top of the page. It features the word "syngenta" in dark blue with a green leaf icon, followed by "foundation for sustainable agriculture" in green.

August 17, 2004

Dear Colleagues:

Thank you for your commitment to the Cereal Annotation & Improvement Workshop. The Workshop will be held at the University of Arizona in Tucson, November 12 – 14, 2004. I hope you find your involvement in this humanitarian effort to be a rewarding experience.

The invitee, by acceptance of this invitation, agrees that the intent of the workshop is to serve the public good and that all data, material and outputs will be placed and remain in the public domain, and finally that the invitees, recipients of the information from International Crops Research Institute for the Semi-Arid Tropics "ICRISAT", agree not to seek Intellectual Property Rights over the information received.

Please complete the following registration form so we may book your reservations. Registration forms are due by August 31, 2004.

The majority of your expenses will be covered by the Syngenta Foundation for Sustainable Agriculture including accommodations at the Marriott University Park Hotel, transportation between the airport and the hotel, and meals. A maximum of \$175 per person will be reimbursed for meals while you travel and during your time in Tucson. As you review the attached schedule you will see most of the meals are provided. Expense forms will be distributed at the Workshop for your coach airfare and meals. Please save all receipts.

In the coming months you will receive reservation confirmations, pre-reading materials and additional information about the Workshop. In the meantime, if you have questions, please contact the following people:

- Stephen Goff, stephen.goff@syngenta.com, 919-765-5032, for Workshop Session or Genomics issues
- Marie Sykes, marie.sykes@syngenta.com, 919-765-????, for Air Travel assistance
- Elizabeth Peeler, elizabeth.peeler@mindspring.com, 919-858-7300, for Registration or Logistic issues

Please forward the following hotel information to anyone who may need to contact you during the Workshop:

Marriott University Park Hotel

880 E. 2nd Street
Tucson, AZ 85719

Phone: 520-792-4100
Fax: 520-882-4100

I look forward to collaborating with you on this worthwhile project.

Sincerely,

Dr. Stephen Goff

Cereal Annotation & Improvement Workshop

November 11 – 14, 2004

Schedule

Thursday, November 11

1:00 p.m. Registration table opens; Closes at 8:00 p.m.
3:00 p.m. Arrive at leisure; Check in begins
Dinner will be on your own this evening

Friday, November 12

6:30 a.m. Breakfast service begins in restaurant; ends 10:30 a.m.
7:30 a.m. Continental Breakfast available in meeting room, University of Arizona
8:30 a.m. **Workshop** Introduction
Discussion of Goals & Deliverables
What African molecular breeders need and will use
Bioinformatics Summary
10:30 a.m. Break
11:00 a.m. **Workshop** Best Physical Map of Rice
Syntenic Maps of Sorghum, Millet and *Oryza glaberrima*
12:30 p.m. Working Lunch
1:30 p.m. **Workshop** Alignment of genomic maps
3:30 p.m. Break
4:00 p.m. **Workshop** Compilation of sorghum, millet, *glaberrima* sequences
Alignment to physical & genetic maps
5:30 p.m. Workshop adjourns for day
7:00 p.m. Reception & Dinner, Flandrau Science Center

Saturday, November 13

7:00 a.m. Breakfast service begins in restaurant; ends 11:30 a.m.
7:30 a.m. Continental Breakfast available in meeting room, University of Arizona
8:30 a.m. **Workshop** Identification of available polymorphisms
Polymorphism Primer Pair identification
Approach to identify & verify SSRs and SNPs
10:30 a.m. Break
12:30 p.m. Working Lunch
1:30 p.m. **Workshop** Identification of polymorphisms near QTLs
Approach to identify & verify SSRs and SNPs near QTLs
Obvious candidate genes to consider
3:30 p.m. Break
5:30 p.m. Workshop adjourns for day

Sunday, November 14

7:00 a.m. Breakfast service begins in restaurant; ends 11:30 a.m.
8:30 a.m. Continental Breakfast available in meeting room, University of Arizona
9:00 a.m. **Workshop** Protocols for use of molecular/genomic data/information
10:30 a.m. Break
12:30 p.m. Working Lunch
1:30 p.m. **Workshop** Wrap up of Goals & Deliverables
Discussion of follow up meeting in Nairobi
3:00 p.m. Workshop adjourns

REGISTRATION FORM

IMPORTANT REMINDERS

- Participation in the Workshop is supported by the Syngenta Foundation for Sustainable Agriculture.
- Hotel accommodations, coach airfare and meals will be paid by the Foundation. See additional details below.
- The Workshop will immediately precede the Second International Symposium on Rice Functional Genomics, November 15 – 17, 2004, (www.rfg2004.org).
- If any of the information below changes, or if you must cancel your reservation, please notify the meeting organizer or host as soon as possible.
- Pre-reading materials will be mailed to you before the Workshop.

THREE WAYS TO REGISTER: Please send completed forms to **Elizabeth Davis Peeler, Meeting Manager**, at:
Fax: 919-858-7400 **Email:** elizabeth.peeler@mindspring.com **Mail:** 106 Windfall Ct, Cary, NC 27511
Questions? Contact Elizabeth at 919-858-7300 or by email at elizabeth.peeler@mindspring.com.

ATTENDEE INFORMATION: *Please print*

First Name/Last Name

Preferred Name or Nickname

Academic Institution/Company

Title

Mailing Address

City/State/Province

Zip/Postal Code/Country

Phone

Fax

Email

In case of emergency during the meeting, please contact:

Name

Relationship

Daytime Phone

Evening Phone

SPECIAL NEEDS: *Please indicate any special needs (check all that apply)*

Vegetarian

Shellfish Allergy

Disability _____

Other _____

WORKSHOP SESSIONS: *I plan to attend (check all that apply)*

Friday Work Session, November 12th

Saturday Work Session, November 13th

Sunday Work Session, November 14th

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ACCOMMODATIONS: Marriott University Park Hotel
880 E. 2nd Street, Tucson, AZ 85719
Phone: 520-792-4100 Fax: 520-882-4100

Complimentary accommodations, including room, tax and parking, will be provided at the Marriott University Park Hotel. **A credit card will be needed for incidental expenses (i.e. restaurant, bar, movies) which will not be covered by the meeting sponsor.** A discounted room rate has been negotiated for these dates.

I plan to stay (please check all that apply)

- Thursday Night, November 11
- Friday Night, November 12
- Saturday Night, November 13

Please make my room

- Smoking
- Non-smoking

Please book accommodations for additional nights for me. Additional nights will be charged to my credit card at a rate of \$115 per night, plus tax and parking.

- Wednesday Night, November 10
- Sunday Night, November 14

Credit Card Information to guarantee reservation and for incidentals:

- Visa
- MasterCard
- American Express

Credit Card Number

Expiration Date

Card Holder Signature

AIR TRAVEL: Coach airfare is included with the Workshop. Travel arrangements can be booked in two ways:

1. Book your travel on your own and get reimbursed from the Syngenta Foundation for Sustainable Agriculture. Reimbursements will be issued following the Workshop. Please turn in your airline ticket receipt at the Workshop registration desk when you arrive. Reimbursements will be made by check approximately two weeks after the Workshop.
2. Book your travel through our preferred vendor, World Travel. Contact Marie Sykes at Syngenta (marie.sykes@syngenta.com) for detailed instructions and assistance. Please mention the Cereal Annotation Workshop.

AIRPORT TRANSFERS: Complimentary transportation between the airport and hotel is provided for guests.

Please supply your air travel arrangements to the Meeting Manager. Email arrangements to elizabeth.peeler@mindspring.com by October 15, 2004, or list your air travel arrangements below.

Airline

Flight Number

Arrival Time

OTHER EXPENSES: The Syngenta Foundation will pay up to \$175 for meals during the Workshop including meals while traveling to and from Tucson. Reimbursement forms will be in your registration packet upon check in. Please save receipts. Reimbursements will be made by check approximately two weeks after the Workshop.

Please send registration form to meeting manager by August 31, 2004.

Fax: 919-858-7400

Email: elizabeth.peeler@mindspring.com

Mail: 106 Windfall Court, Cary North Carolina 27511
