



Program

Open Day: March 8, 2004 (Mon)

Registration (8:00-10:00am)

Open Ceremony (10:00-12:00am)

- **Joachim Voss**, Director General, CIAT
- **Carlos Gustavo Cano**, Minister of Agriculture and Rural Development, Colombia; or his representative

Keynote Speakers:

- **Deborah Delmer**, Rockefeller Foundation
- **Joe Tohme**, Agrobiodiversity and Biotechnology Project, CIAT

Celebrating Ginés-Mera (1:30-3:30pm)

Chair: **Ann Marie Thro**

Future of Biotech in Developing Countries

- **Jacqueline Ashby**
- **José Restrepo**

Deployment of transgenic cassava products

- **Marilia Nutti / Joe Tohme**
- **Lawrence Kent / Claude Fauquet**

Panel: How to Add Value to Cassava? (4:00-5:30pm)

Chair: **W. Gruissem** Reporter: **B. Ospina**

- **Guy Henry**: Products and Markets
- **Luiz Carvalho**: Biodiversity
- **Richard Sayre**: Transgenics

Welcome Reception (5:30-6:30pm)

Day Two: March 9, 2004 (Tue)

Plenary Session 1 (8:00-10:00am)

Innovative approaches in R&D for cassava

Chair: **Reinhardt Howeler** Reporter: **Hernán Ceballos**

- **Bernardo Ospina**: Latin American and Caribbean consortium to support cassava R&D (Clayuca)
- **Andrew Westby**: Post harvest in Africa
- **Klanarong Sriroth**: New outlook for cassava in Thailand

Plenary Session 2 (10:30am-12:30pm)

Towards Cassava Biotechnology Next Phase

Chair: **Joachim Voss** Reporter: **Chikelu Mba**

- **Alfredo Alves**: CBN Overview
- **Nebambi Lutaladio**: Global cassava development strategy
- **Claude Fauquet / Joe Tohme**: Global cassava partnership for genetic improvement

Plenary Session 3 (2:00-4:00pm)

Cassava Nutrition Value

Chair: **Joe Tohme** Reporter: **Richard Sayre**

- **Delia Amaya**: Increasing micronutrient quality in cassava
- **Clara Brandão**: Cassava leaf flour
- **Larry Beach**: Perspectives for enhancing protein content in cassava

Posters Sessions (4:30-6:30pm)

Themes:

- **PS1: Products and Market**
- **PS2: Biodiversity and Genetic Resources**
- **PS3: Nutrition Value**

Day Three: March 10, 2004 (Wed)

Plenary Session 4 (8:00-10:00am)

Abiotic Stresses

Chair: **Morag Ferguson** Reporter: **Martin Fregene**

- **Alfredo Alves**: Physiological responses of cassava to water deficit
- **Elizabeth Bray**: Using *Arabidopsis* to identify genes in the drought-response pathways
- **Manabu Ishitani**: Applying genomics tools to understand drought tolerance mechanisms
- **John Beeching**: Reducing post harvest physiological deterioration in cassava

Posters Sessions (10:30am-12:30pm)

Themes:

- **PS4: Abiotic and Biotic Stresses**
- **PS5: Post harvest and Starch Quality**

Lab and Field Visits (2:00-6:30pm)

Themes:

- **Biotech Tools**
- **Added Value**
- **Field Work**

All participants divided in 3 groups: each group will visit the 3 sections (lab and field day)

Day Four: March 11, 2004 (Thu)

Plenary Session 5 (8:00-10:00am)

Transformation and Transgenics Products

Chair: **Omaliko** Reporter: **Krit Raemakers**

- **Paul Olson:** Seven habits of effective transgene product development
- **Paul Chavarriaga:** Progress in cassava transformation
- **Henry Daniell:** Chloroplast genetic engineering for agronomic trait improvement and molecular farming

Plenary Session 6 (10:30am-12:30pm)

Small Farmers and Research Planning

Chair: **Otim-Nape** Reporter: **Roosevelt Escobar**

- **Santiago Perry:** Innovating with small cassava farmers in Colombia
- **Reinhardt Howeler:** Working with farmers in Thailand: Spreading new varieties, improved practices and... new hope
- **Jacqueline Ashby:** Reaching end-users

Plenary Session 7 (2:00-4:00pm)

Biotic Stresses

Chair: **John Colvin** Reporter: **Elizabeth Alvarez**

- **James Legg:** Epidemics of viruses on cassava in Africa: lessons learned
- **Valerie Verdier:** Expressed genes for CBB resistance in cassava
- **Anthony Bellotti:** Integrated management of cassava arthropod pests
- **Claude Fauquet:** The known and the unknown viruses and satellites infecting cassava in Africa

Posters Sessions (4:30-6:30pm)

Themes:

- **PS6: Gene Discovery**
- **PS7: Tissue Culture and Transformation**

Day Five: March 12, 2004 (Fri)

Plenary Session 8 (8:00-10:00am)

Tools for Cassava Breeding

Chair: **Richard Visser** Reporter: **Yona Baguma**

- **Hernán Ceballos:** Doubled haploids
- **Chikelu Mba:** Induced mutagenesis and crop improvement
- **Alfred Dixon:** Conventional breeding: lessons learned
- **Martin Fregene:** MAS in cassava breeding

Posters Sessions (10:30am-12:30pm)

Themes:

- **PS8: Genomics and Markers**
- **PS9: Participatory Research and Technology Transfer**

Plenary Session 9 (2:00-4:00pm)

Biodiversity and IPR

Chair: **Edison S.** Reporter: **Paul Chavarriaga**

- **Daniel Debouck:** Studies on cassava biodiversity
- **Safo-Kantaka:** Exploitation of natural diversity
- **Carol Nottenburg:** IPR/Biotech and Genetic Resources

Closing Ceremony (4:30-6:00pm)

- **Richard Sayre:** Scientific Summary
- **Alfredo Alves:** Concluding Remarks
- **Joachim Voss:** Closing

Day Six: March 13, 2004 (Sat)

(10:00-12:00am)

CBN / GCDS / GCP-GI Meeting

Advanced Cassava Transformation Group Meeting

Other groups can be organized to discuss some hot topic, according their convenience. These meetings can be scheduled for the sixth day or any other day during extra times.

Organizers



General Coordination:

CIAT/Cassava Biotechnology Network (CBN)

Alfredo Alves, CBN Coordinator

Joe Tohme, Manager of Agrobiodiversity and Biotech Project, CIAT

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