



中国科学院
CHINESE ACADEMY OF SCIENCES



WORKSHOP

Strategies for Innovation in Food Production

NOVEMBER 26-27, 2018 | BRASILIA, BRAZIL

AGENDA

Day 1 - NOVEMBER 26

09:00-09:20 - Opening Session

- Sebastião Barbosa (Embrapa)
- Elibio Rech Filho (Embrapa/Brazilian Academy of Sciences)
- Hui Sun (Chinese Academy of Sciences)
- Weicai Yang (Institute of Genetics and Developmental Biology-CAS)

09:20-09:30 - Brief Presentation on Workshop's Objectives

- Elibio Rech Filho (Embrapa/Brazilian Academy of Sciences)
- Aimin Zhang (Institute of Genetics and Developmental Biology-CAS)

09:30-12:50 - PANELS: BRAZIL AND CHINA RESEARCH PRIORITIES IN FOOD PRODUCTION

09:30-10:00 - Panel 1 - Genetically modified organisms and genome editing

- Intensification of food production and biodiversity
Elibio Rech Filho (Embrapa/Brazilian Academy of Sciences)
- Genome editing research and progress in IGDB
Aimin Zhang (Institute of Genetics and Developmental Biology-CAS)

10:00-10:15 - Questions and Discussion

10:15-10:45 - Panel 2 - Innovative technologies for food production

- Precision Agriculture and Farm Management Information System: An integrated vision
Ricardo Inamasu (Embrapa)
- Innovative technology for crop production
Yiping Tong (Institute of Genetics and Developmental Biology-CAS)

10:45-11:00 - Questions and Discussion

11:00-11:20 - Break

11:20-11:50 - Panel 3 - Water optimization in food production

- Wastewater use in agriculture: challenges and perspectives
Alisson Borges (Federal University of Viçosa)
- Pressure of water resources for food production in China and water flow through China-Brazil food trade
Yonghui Yang (Institute of Genetics and Developmental Biology-CAS)

11:50-12:05 - Questions and Discussion

12:05-12:35 - Panel 4 - Climate change and food production

- Perspectives of global agriculture in a warmer climate
Flavio Justino (Federal University of Viçosa)
- The impact of climate change on soybean production in China
Xianzhong Feng (Northeast Institute of Geography and Agroecology-CAS)

12:35-12:50 - Questions and Discussion

12:50-13:50 - Lunch

13:50-17:00 - GROUP WORK

13:50-15:50 - **Group Work**

- **Working Group 1 (WG1)** - Genetically modified organisms and genome editing
- **Working Group 2 (WG2)** - Innovative technologies for food production
- **Working Group 3 (WG3)** - Water optimization in food production
- **Working Group 4 (WG4)** - Climate change and food production

15:50-16:10 - Break

16:10-17:00 - **Group Work (continuation)**

Day 2 - NOVEMBER 27

08:30-10:00 - **Technical visit to Embrapa's laboratory facilities**

10:00-10:20 - Break

10:20-13:20 - ACTION PLAN - WORKING GROUPS: PRESENTATION AND DISCUSSION

10:20-10:35 - **WG1 - Genetically modified organisms and genome editing**

10:35-11:05 - Questions and Discussion

11:05-11:20 - **WG2 - Innovative technologies for food production**

11:20-11:50 - Questions and Discussion

11:50-12:05 - **WG3 - Water optimization in food production**

12:05-12:35 - Questions and Discussion

12:35-12:50 - **WG4 - Climate change and food production**

12:50-13:20 - Questions and Discussion

13:20-14:20 - Lunch

14h:20-16:20 - ACTION PLAN - WORKING GROUPS: FOLLOW-UP

16:20-16:40 - Break

16:40-17:00 - **Closing Remarks**

Support



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