
Announcement

International Symposium on Genetic Manipulation in Crops

The 3rd International Symposium on Haploidy, and at the same time, the 1st International Symposium on Somatic Cell Genetics in Crops, will be held from 22 until 26 October 1984 in Beijing, China. It will be sponsored by the Chinese Association for Science and Technology, the Genetics Society of China, the Institute of Genetics of the Academia Sinica, as well as by the International Rice Research Institute, Manila.

Emphasis will be put on a) Haploidy, and b) Somatic cell genetics, both concerning somaclonal variations.

The five-day symposium will cover the following tentative topics.

1. Haploid Production by: a) Anther Culture; b) Chromosome Elimination; c) Unpollinated Ovary Culture; and d) Other Methods.
2. Achievements in Using Haploids
3. Androgenesis
4. Genetic Variability
5. Chromosome Instability
6. Mutagenesis and Mutant Selection
7. Somaclonal Variation
8. Somatic Morphogenesis
9. Regeneration of Crop Plants
10. Chromosomal Manipulation in Cultured Cells
11. Species Specificity in Redifferentiation
12. Protoplast Fusion and Hybridization
13. Somatic Fusion or Cybrids
14. Organelle, Nuclear and Chromosomal Behavior in Cultured Cells
15. Genetic Modification Through Cells or Protoplasts
16. Plant Fungal Pathogens
17. Plant/Microbe Interaction
18. Propagation of Crop Plants
19. "Crown Gall" and Ti Plasmid
20. Plant Viruses and Viroids
21. Chromosome Mediated Transformation
22. Transformation by Microinjection
23. Nuclei and Organells'e Transplantation
24. Gene Expression in Cultured Cells
25. Secondary Metabolites
26. Cryopreservation of Cells and Tissues

Chairman of the local organizing committee is Professor Hu Han; *Secretary General* – Dr. Shao Ququan

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