present study was that different explants required different levels of auxins and cytokinin combination to obtain regeneration. This is probably due to the differential endogenous levels of phytohormones. In *Medicago* species¹² petioles derived from seedlings had the highest capacity for somatic embryogenesis and plant formation.

The procedure of obtaining regeneration from callus cultures of different explants of mothbean may help in the studies directed to somaclonal variation.

ACKNOWLEDGEMENTS

The authors are grateful to Mr. S. E. Pawar, Nuclear Agriculture Division of Bhabha Atomic Research Centre, Bombay for providing the seeds of mothbean and to Professor H. Y. Mohan Ram, Department of Botany, University of Delhi, Delhi for a critical appraisal of the manuscript.

7 April 1986

1. Mroginski, L. A. and Kartha, K. K., Plant breeding

- review (ed.) J. Janick, AVI Publishing Co, USA, 1984, Vol. 2, 215.
- Murashige, T. and Skoog, F., Physiol. Plant, 1962, 15, 473.
- 3. Lin, M. and Staba, E. J., Lloydia, 1961, 24, 139.
- 4. Bhargava, S. and Chandra, N., Plant Cell Rep., 1983, 2, 47.
- 5. Saunders, J. W. and Bingham, E. T., Am. J. Bot., 1975, 62, 850.
- 6. Walker, K. A., Yu, P. C., Sato, S. J. and Jaworski, E. G., Am. J. Bot., 1978, 65, 654.
- 7. Bharal, S. and Rashid, A., Z. Pflanzenphysiol, 1979, 92, 443.
- 8. Mroginski, L. A. and Kartha, K. K., *Plant Sci. Lett.*, 1980, **23**, 245.
- 9. Stavarek, S. J., Croughan, T. P. and Rains, D. W., *Plant Sci. Lett.*, 1980, **19**, 253.
- 10. Rubluo, A., Kartha, K. K., Mroginski, L. A. and Dyck, J., J. Plant Physiol., 1984, 117, 119.
- 11. Gregory, H. M., Haq, N. and Evans, P. K., *Plant Sci. Lett.*, 1980, 18, 395.
- 12. Novak, F. J. and Konecna, D., Z. Pflanzenphysiol, 1982, 105, 279.

ANNOUNCEMENT

INTERNATIONAL CONFERENCE ON METALLIC AND SEMICONDUCTING GLASSES

An International Conference on "Metallic and Semiconducting Glasses" will be held at the University of Hyderabad from Tuesday, December 16 to Saturday, December 20, 1986, with the aim of providing a common forum for Indian and foreign scientists actively involved in various facets of these glasses to: (i) review the current status of these technologically important materials (ii) facilitate exchange of ideas and (iii) identify various potential areas for future research and development and technical and applications with particular reference to India and the South-east Asian region.

The scientific program will comprise plenary and poster sessions. The plenary sessions will consist of invited talks and a few contributed papers selected for oral presentation. Majority of contributed papers will be included in poster sessions to promote extensive discussion. The proceedings of the conference will be published.

For further details please contact: Convener/MSG-86 Conference, School of Physics, University of Hyderabad, P.O. Central University, Hyderabad 500 134, India.