

Acknowledgements

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BOOK REVIEW

DUDITS, D., FARKAS, G. L., MALIGA, P. (ed.): *Cell Genetics in Higher Plants*. — Akadémiai Kiadó, Budapest 1976. 251 pp., 61 figures.

A collection of materials of UNDP/UNESCO/ICRO Training course, held in summer 1976 in Szeged, Hungary, gets in a relatively short time into the hands of readers interested in the problematics of plant cell and protoplast cultures. The book is divided into two parts, similarly as was the course. The first part consists of 17 papers devoted to thematic fields of cell cultures, somatic mutagenesis, microspore cultivation, protoplast cultures (including protoplast fusions, transfer of organelles and macromolecules, somatic hybridisation). The second part is a detailed methodical "cookery-book" verified in practice by the participants of the course. The composition of the teaching staff which represented the contemporary world's elite in this field was itself a guarantee of high quality of the course and thus of its materials as well. The informative orientation of the course is reflected in the summarizing form of individual papers which are thus understandable even to non-specialists. A sober evaluation of application prospects of cell and protoplast cultures (Street, Potrykus), the inclusion of papers from thematically near areas (protoplasts of fungi — Ferenczy; mutagenesis and DNA transfer in *Arabidopsis* — Rédei) and the high methodical level of the experimental part (incl. e.g. plasmid incorporation into plant cells) — all that documents the good quality of the book which can be warmly recommended to all those interested in modern methods of experimental botany.

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