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ABSTRACTS

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Plant biotechnology

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Cytoembryology of flowering plants; anther and pollen development (structural and molecular aspects)

MAURO CRESTI. *Dipartimento di Biologia Ambientale, Sezione Botanica, Università di Siena, Via P. A. Mattioli 4, I-53100 Siena, Italy,*
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Sexual plant reproduction; pollen biology; pollen tube; pollen-stigma-style-ovule interaction; cytoskeleton

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General and medical mycology; health promotion; medical microbiology

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Physiology of plant growth and development

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Plant embryology; developmental biology

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Plant karyology

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Plant morphology; anatomy; embryology

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Plant reproduction, developmental biology – particularly seed and fruit (cellular and molecular aspects)

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Plant cytology; cytogenetics

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Genome evolution; phylogeny; phylogeography

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Plant gametes; pollination; cellular and molecular aspects of fertilization; in vitro development

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Plant embryology; apomixis

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Plant tissue and organ culture; biotechnology; cryopreservation

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Plant tissue and organ culture

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Natural products; phytochemistry; essential oils; biological activity of plant extracts and isolated compounds

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Plant Reproductive biology; pollen development, germline and gamete development; gene regulation including post-transcriptional and small RNA pathways

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Evolutionary plant cytogenetics

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Sexual plant reproduction; biology of lower plants

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Experimental embryology; plant tissue and organ culture



**XXXI Conference on Embryology
Plants • Animals • Humans
“From basic research to application”**

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