第5回国際不定根形成シンポジウムのご案内

表記のシンポジウムについて，主催者より下記の案内が届いていますので，お知らせします．詳細確認や参加申し込みは，１０月に開設予定のホームページ http://www.rooting2008.fgua.es をご覧下さい．

5th INTERNATIONAL SYMPOSIUM ON ADVENTITIOUS ROOT FORMATION: From Cell Fate Flexibility to Root Meristem Determination and Biomass Formation

Alcalá de Henares, Madrid (Spain), June, 16th-20th, 2008

Description

Adventitious rooting is an essential step in the vegetative propagation of economically important species. Current research on adventitious root formation and function is quite broad, ranging from the field to the physiological, molecular and the cellular level. Recently, remarkable progress has been made in the understanding of the mechanisms that regulate rooting through the application of the cutting-edge tools of genome and proteome analysis. The knowledge obtained in these studies points the way forward for strategies aimed at enhancing the quantity and quality of roots for desired end-uses. The challenge is to ensure that the investment that has been made in basic research truly adds value to economically important species. In this spirit, the 5th International Meeting on Adventitious Root Formation will be held in Alcalá de Henares, Madrid, Spain, in line with the previous meetings organized on this topic. The meeting will bring together speakers from applied and basic studies on root induction and development, including primary, lateral and shoot-borne roots. Sessions will include applied aspects of adventitious rooting in horticulture, agriculture or forestry, and root biology-oriented aspects such as competence, root induction and signalling, root meristem formation and activity or root system development.

Topics

Applied and commercial aspects of adventitious rooting
Donor plant effects
Competence for rooting and other organogenic processes
Root induction: auxin signalling and other regulators, environment etc
Physiology, Biochemistry and Molecular Biology of root formation
Root meristem determination and root patterning
Genomics, Proteomics and Root Systems Biology
Root system development and biomass formation: nutritional states, environmental conditions (including stress), mycorrhization, root-shoot interactions, carbon and nitrogen sources, photosynthesis, water relations, nutrient partitioning etc.

For more information:

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Symposium Website: http://www.rooting2008.fgua.es (activation October 2007)