



II WG 2 MEETING

Will plant proteomics research help in facing food, health and environmental concerns?



**Campus de Rabanales
University of Córdoba
6-8 February, 2008**



INTRODUCTION

The II “Plant Proteomics in Europe” Meeting (Working Group 2) will take place next February, 2008 (6th to 8th) at the “Campus de Rabanales”, University of Córdoba (Córdoba, Spain) (www.uco.es). For those arriving at Córdoba on February 6th, a special session is planned, in which the convenience of presenting a EU proposal on Plant Proteomics will be discussed.

Objectives of the meeting

As stated in the COST Action “Plant Proteomics in Europe” proposal:

“Communicate and disseminate knowledge of proteomics applications in diverse fields of plant research. Integrate knowledge at several levels from physiology, biochemistry, genomics, microbiology, breeding, growing and (industrial) processing. From black numbers to green practice: bidirectional communication of plant proteomists with commercial partners, like breeders, growers, food processors, etc. Identifying needs and opportunities for future collaborations. Investigate possibilities for standardisation and linking of multiple datasets generated within the community (as far as publicly available) enabling meta-level data mining and data integration”.

<http://www.costfa0603.com/working-groups.php>

Local Organizers

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Technical Secretariat-FUNDECOR

It will help you in organizing your trip, looking for and booking hotels in Córdoba. Please do not hesitate to contact them and ask any questions related to your stay in Córdoba. In any case, they will mail you.

Fundación Universitaria para el Desarrollo de la Provincia de Córdoba (FUNDECOR)

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Scientific Committee

Twan América. Plant Research International Bioscience (Netherlands)

Lutz Eichacker. University of Munich (Germany)

Christine Finnie. Technical University (Denmark)

Jesús V. Jorrín Novo. University of Córdoba (Spain)

Ana M. Maldonado. University of Córdoba (Spain)

Bart Panis. Katholieke Universiteit Leuven (Belgium)

Jenny Renaut. Gabriel Lippmann (Luxembourg)
Birte Svensson. Technical University (Denmark)
Michel Zivy. INRA (France)

Topics to be covered

The green proteome. Proteomes and subproteomes of model plant systems, including Arabidopsis, rice, Medicago, Populus.

Plant growth and development

Symbiotic interactions. Nitrogen fixing bacteria, mycorrhiza

Plant responses to biotic and abiotic stresses

Signalling and signalling transduction. Hormones and plant growth regulators,

Gene expression regulation

PTMs, protein complexes and interactomics

Dissecting metabolic pathways.

Transgenic crops: Substantial equivalence analysis

Food quality and traceability

Allergens

Genotyping, protein marker assisted plant breeding

Crop agronomic attributes and management

Plant propagation

Nutraceuticals production

Phytoremediation.

Scientific Program

There will be two plenary lectures presented by prestigious scientists, 20 oral communications by members of COST groups, poster presentations, and discussion sessions. The scientific Committee will select the oral presentations in the case of the number being more than the 20 planned.

In order to fulfill the objectives of the meeting, the presentation should follow the following scheme: i) Introduction of the biological system, objectives and hypothesis; ii) experimental approach utilized; iii) results, validation, and interpretation.

Invited speakers

Dr. Setsuko Komatsu. *"Update and challenges on soybean and rice proteomics"*

Head Soybean Physiology Research Team. National Institute of Crop Science

Professor Graduate School of Life and Environmental Sciences, University of Tsukuba

Dr. Cristof Lenz. *"ProteinPilot: Accomodating Genetic Diversity in Mass Spectrometry-Based Plant Proteome Research"*

Team Leader Support PSM, Applied Biosystems, Darmstadt, Germany.

Preliminary schedule

Wednesday 6th	
16-18	Registration
17-19	EU proposal on Plant Proteomics
Thursday 7th	
8-8,30	Registration
8,30-9,30	Opening ceremony Dr. S. Komatsu conference
9,30-10	Coffee
10-12	Oral presentations (5)
12-13	Poster session
13-14,30	Lunch
14,30-15,30	Poster session
15,30-16,15	Dr. C. Lenz conference
16,15-16,45	Coffee
16,45-19	Oral presentations (5)
19-20	Poster session
21	Official dinner
Friday 8th	
9-10,30	Oral presentations (5)
10,30-11	Coffee
11-12,30	Oral presentations (5)
12,30-13,30	Poster session
13,30-15,30	Lunch
15,30-17	Poster session
17-18,30	Final discussion session Closing ceremony

Abstract submission

If you intend to participate in the meeting and present your work, please fill the registration form together with the abstract according to the enclosed instructions and example, to: jornadas-proteomica@uco.es. The abstracts will be published in "Proteómica", the official journal of the "Spanish Proteomics Society" (ISSN 1888-0096).

Indicate if you wish to present your work as an oral presentation (15 minutes) or as a poster. Depending on the number of contributions received, oral presentations may be limited to just one per group. If the number of oral presentations requested be higher than the 20 planned, the scientific committee will select the ones to be presented orally. Publication of Proceedings in a proteomics journal will be considered.

Deadline for abstract submission: 24th December 2008.

Reimbursement

According to the COST rules, two delegates per country will be reimbursed (a maximum of three nights).

THERE WILL BE LIMITATIONS IN THE NUMBER OF REIMBURSED PARTICIPANTS BUT NOT IN THE NUMBER OF ATTENDANTS, SO YOU ARE VERY WELCOMED WHETHER OR NOT YOU ARE REIMBURSED.