

ORKSHOP

*Lotus como
leguminosa
modelo y
alternativa
sustentable para
la recuperación
de áreas
marginales*

*Lotus as a model legume
and a sustainable
alternative for marginal
land reclamation*

SEPTEMBER 6-7, 2007. VALENCIA, SPAIN



**ORGANIZADORES DEL WORKSHOP:
WORKSHOP ORGANIZERS:**

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WORKSHOP SECRETARIAT:**

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**ENTIDADES COLABORADORAS:
UNDER THE SPONSORSHIP OF:**



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 **Bancaixa**



Programme

Thursday, September 6

8:30-9:00 **Welcome. Manuel Costa Talens**, Vicerector de Relacions Internacionals i Cooperació, Universitat de València

9:00-9:30 **Opening: Arnoldo Santos** (Tenerife, Spain)
A global survey of genus *Lotus* (Loteae-Fabaceae)

Session 1: *Lotus* spp. Genetic and Genomic Resources

9:45-10:15 **Jens Stougaard** (Aarhus, Denmark)
Lotus genetics and genomics: Resources and approaches

10:30-11:00 Coffee Break

11:00-11:30 **Mónica Rebuffo** (Colonia, Uruguay)
Genetic resources of forage legumes for agriculture-pastoral system in Uruguay

11:45-12:15 **Hernán Acuña** (Chillán, Chile)
Genetic resources and agropastoral systems in Chile

12:30-13:00 **Miguel Dall’Agnol** (Porto Alegre, Brasil)
Legume Utilization in Grazing Systems in Southern Brazil

13:15-15:00 Lunch

Session 2: Taxonomy and Ecophysiology

15:00-15:30 **Francisco Escaray** (Chascomús, Argentina)
Biodiversity of *Lotus* spp. in Devesa of l’Albufera (Valencia, Spain)

15:45-16:30 **Josep Roselló Picornell** (Valencia, Spain)
Evolution in insular Mediterranean *Lotus*. What we know and what should be known

16:45-17:15 Coffee Break

17:15-17:45 **Juan R. Acebes** (Tenerife, Spain)
Lotus endémicos de Canarias, situación y potencial aprovechamiento.

18:00-18:30 **Rolando León** (Argentina)
Río de la Plata grasslands and *Lotus tenuis*

18:45-19:45 **Round Table.** Chair Oscar Ruiz

Friday, September 7

Session 3: Biochemistry and Biotechnology

- 8:30-9:00 **Carmen López-Valiente** (Valencia, Spain)
Germinative response of *Lotus creticus* to different temperatures and salinity conditions
- 9:00-9:30 **Antonio Márquez** (Sevilla, Spain)
Primary and secondary nitrogen assimilation in *Lotus japonicus* and the relationship with drought stress
- 9:45-10:15 **Oscar Ruiz** (Chascomús, Argentina)
Lotus tenuis as keystone species for the Salado River Basin (Argentina)
- 10:30-11:00 Coffee Break
- 11:00-11:30 **Carmen Lluch** (Granada, Spain)
Saline stress tolerance in legumes
- 11:45-12:15 **Esther González** (Pamplona, Spain)
Legume carbon metabolism under stress: *Lotus japonicus* features
- 12:30-13:00 **Francisco Escaray** (Chascomús, Argentina)
Condensed tannins in the Genus *Lotus*
- 13:00-13:30 **Francesco Paolucci** (Perugia, Italy)
Genetic manipulation of condensed tannin biosynthesis in *Lotus* spp
- 13:30-15:00 Lunch

Session 4: Microbiology

- 15:00-15:30 **Milagros León Barrios** (Tenerife, Spain)
Genetic diversity in the rhizobia isolated from endemic *Lotus* to the Canary Islands
- 15:45-16:15 **Isabel Videira e Castro** (Oeiras, Portugal)
Use of *Lotus/Rhizobium* Symbiosis in Regeneration of Polluted Soils
- 16:30-17:00 Coffee Break
- 17:00-17:30 **Nuria Ferrol** (Granada, Spain)
Legumes as model plants to study nutrient transport processes in arbuscular mycorrhiza
- 17:45-18:45 **Round Table**, Chair Juan Sanjuán
- 18:45-19:00 Conclusions