

The Scientific Affairs Division of NATO
is sponsoring an Advanced Study Institute on:

CHROMOSOMAL PROTEINS AND GENE EXPRESSION

to be held at Sitges, Spain from 17 to 26 September, 1984.

The course is intended largely for post-doctoral researchers and advanced graduate students, but a limited number of independent investigators may also be admitted. Through lectures and tutorials, we will systematically discuss and analyze recently accumulated knowledge on the roles of chromosomal proteins in gene expression. Topics to be covered include: nucleosome and higher order chromatin structures, active-gene chromatin structure, hypersensitive sites, histones, protamines, HMG proteins, scaffold proteins, Z-DNA binding proteins, promoter and enhancer elements, in vitro and in vivo transcription, DNA methylation, and DNA-protein interactions.

Lecturers: F. Azorin (Cambridge, Mass.), M. Beato (Marburg), C. Crane-Robinson (Portsmouth), G. Dixon (Calgary), S. Elgin (St. Louis), G. Goodwin (London), C. Hélène (Paris), U. Laemmli (Geneva), P. Puigdomènech (Barcelona), G. Reeck (Kansas), D. Schumperli (Zurich), J. Subirana (Barcelona), J. Thomas (Cambridge), B. Wasylyk (Strasbourg), S. Wright (London).

Organizing committee: G. Reeck, G. Goodwin, and P. Puigdomènech.

Limited funds are available to subsidize some participants' expenses. Applications to attend the course and for financial support should be sent to Dr. G. Reeck (Kansas State University, Dept. of Biochemistry, Manhattan, Kansas 66502 USA) and should include a résumé, list of publications, description of research interest, rationale for wanting to participate in the course, and statement of financial need (including availability of other funds to support your participation). Deadline for application: 15 May 1984.

Some additional support for this meeting is being provided by the Government of Catalonia (Generalitat de Catalunya).

PLANT MOLECULAR BIOLOGY

Molecular-Genetic Analysis of Plant Metabolism and Development
A NATO Advanced Science Institute

Cala Viñas, Mallorca, Spain

10-19 May 1993

Organized by: Dra Gloria Coruzzi, New York University
and Dr Pere Puigdomènech, CID-CSIC, Barcelona



**The NATO-ASI will highlight molecular
and genetic approaches being applied to the study of plant
metabolism and development.**

Sessions will be on:

**Vegetative development ■ Flower development ■ Embryo development ■
Fruit and seed development ■ Cell structure ■ Chloroplasts and mitochondria
■ Nitrogen and carbon metabolism ■ Plant hormones ■ Plant-Microbe
Interactions ■ Stress/defense ■ Water stress ■ Transcriptional control ■
Post-transcriptional control ■ Gene mapping and isolation ■ Transformation
and regeneration techniques**

**Attendance is limited to 80 participants. No specific application forms
are required. Those wishing to attend the NATO-ASI should send
a short curriculum vitae, a statement of current research interests
and intention of presenting a poster to:**

**Dr Pere Puigdomènech, Departamento de Genética Molecular, CID-CSIC
Jordi Girona, 18. 08034 Barcelona, Spain**



Not later than 31th of January

**No registration fee is requested but participants will have to pay their hotel
expenses (approx. 70 US\$/day full board). Fellowships will be available from
NATO to partially cover travel and accomodation. Desire to apply for a fellowship
should be expressed in the application letter.**

**The meeting is also sponsored by ISPMB, Monsanto, DuPont, Pioneer HiBred,
Rhône-Poulenc Agrochimie, ICI Seeds, Dekalb, CIBA-Geigy,
Sanofi Agro-Vétérinaire, Agrigenetics and Spanish Research Agencies.**