

## The Electronic Plant Gene Register

Plant Gene Register titles for PGR95–063 to PGR95–078 appear below. The sequences have been deposited in GenBank and the articles are listed online through the World Wide Web.

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**Schaller A, Ryan CA** (1995) Cloning of a Tomato cDNA (GenBank L38581) Encoding the Proteolytic Subunit of a Clp-Like Energy Dependent Protease (PGR95–001). *Plant Physiol* **108**: 1341.

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<http://ophelia.com/Ophelia/pgr/index.html>

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Plant Gene Register PGR95–063

**Isolation of TGA6 (Accession No. L42327), a New Member of the TGA Family of bZIP Transcription Factors in *Arabidopsis thaliana*.**

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Plant Gene Register P95–064

**Nucleotide Sequence of a Maize (*Zea mays* L.) cDNA (Accession No. U29383) Coding for a P2-Type Acidic Ribosomal Protein.**

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Plant Gene Register P95–065

**Cloning and Sequencing of a Ferredoxin Gene (Accession No. U29516) from *Chlamydomonas reinhardtii*.**

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Plant Gene Register PGR95–066

**Isolation of a Class II Metallothionein cDNA (Accession No. L02306) from *Ricinus communis* L.**

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Plant Gene Register PGR95–067

**Isozyme of 1L-Myo-Inositol-Phosphate Synthase from *Arabidopsis* (Accession No. U30250).**

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Plant Gene Register PGR95–068

**A Full-Length cDNA (Accession No. X89451) Coding for Mitochondrial Malate Dehydrogenase from *Brassica napus* L.**

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Plant Gene Register PGR95-069

**Isolation of a *Nicotiana sylvestris* cDNA (Accession No. U31932) Encoding an Amino Acid Transporter Homologous to *Arabidopsis thaliana* Amino Acid Permeases.**

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Plant Gene Register PGR95-070

**Cloning and Sequencing of Disease-Resistance Response Gene DRR49a (Ypr10.PS.1; pI49) from *Pisum sativum* (Accession No. U31669).**

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Plant Gene Register PGR95-071

**Chalcone Synthase cDNA from *Oryza sativa* (Accession No. X89859).**

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Plant Gene Register PGR95-072

**Cloning and Sequencing of a cDNA Encoding Pyruvate Decarboxylase 2 Gene (Accession No. U27350) from Rice.**

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Plant Gene Register PGR95-073

**Nucleotide Sequence of cDNA for a 1,3-Beta-Glucanase Associated with Aluminum Toxicity in Wheat Roots (Accession No. U30323).**

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Plant Gene Register PGR95-074

**Cloning, Sequencing, and Expression of CYP86, a New Cyt P-450 from *Arabidopsis thaliana* (Accession No. X90458).**

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Plant Gene Register PGR95-075

**Nucleotide Sequence of an Arcelin 5-I Genomic Clone from Wild *Phaseolus vulgaris* (Accession No. Z50202).**

Alain Goossens, Wilson Ardiles Diaz, Annick De Keyser, Marc Van Montagu\*, and Geert Angenon.

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Plant Gene Register PGR95-076

**A cDNA from *Vigna unguiculata* Encoding the Protein Kinase p34cdc2 (Accession No. X89400).**

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Plant Gene Register PGR95-077

**Nucleotide Sequence of a Soybean cDNA Encoding Epoxide Hydrolase (Accession No. D63781).**

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Plant Gene Register PGR95-078

**An Arabidopsis cDNA (Accession No. U17887) Encodes a  
Novel Potential Leucine Zipper Protein.**

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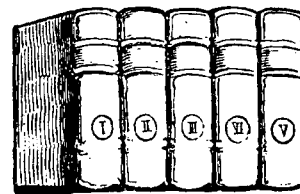
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**Assistant Professor, Plant Physiology  
SUNY College of Environmental Science  
and Forestry**

The College is seeking a plant physiologist at the assistant professor level in an academic year, tenure-track position available August 1996. Candidates must have a Ph.D. in higher plant physiology. Broad training and research interests in physiology of vascular plants, plant/microbe interactions, or ecological physiology are preferred. Postdoctoral experience and knowledge of molecular biology are desirable. The successful candidate will participate in instruction at both undergraduate and graduate levels, will develop an extramurally funded research program, will interact with pathologists, ecologists, microbiologists, and molecular biologists, and will participate in the College's service activities. Please submit curriculum vitae, transcripts, teaching and research goals, and have three letters of reference sent directly to Dr. H.B. Pepper, Chair, Search Committee, SUNY College of Environmental Science and Forestry, One Forestry Drive, Syracuse, New York 13210. Deadline for applications is November 17, 1995. Women and minorities are encouraged to apply.

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Physiologists 1996 Membership and  
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**Crop Physiologist  
Bean Program, CIAT Headquarters**

The International Center for Tropical Agriculture (Spanish acronym, CIAT) seeks a crop physiologist to be based at its headquarters in Cali, Colombia. Under the supervision of the leader of CIAT's Bean Program, this person will work with a multidisciplinary team to increase the productivity of common bean (*Phaseolus vulgaris*) with emphasis on crop improvement. Key aims of the research will be to improve the adaptation of beans to water deficit and low soil fertility, elucidate photoperiod/temperature interactions, and increase yield potential. The physiologist will identify plant traits and mechanisms with a view toward improving breeding methodologies, and will continue on-going work with crop simulation models such as BEANGRO. In addition to working closely with bean breeders at headquarters, the person hired will conduct research and provide technical assistance in support of outreach staff in Latin America and Africa. The physiologist will also produce technical reports and training materials, strengthen the research capacity of national programs through training and collaborative research, cooperative with other advanced research organizations, and participate in selected cross-center activities. Requirements are a Ph.D. in the biological or agricultural sciences with specialization in crop stress physiology, familiarity with plant breeding and genetics, proficiency in statistical analysis and computers, willingness to travel internationally, and an ability to write and speak fluently in English. A knowledge of Spanish is desirable. CIAT offers an internationally competitive salary paid in US dollars, plus a benefits package. Applicants should send their curriculum vitae and the names of three references (with addresses and telephone, fax, and e-mail numbers) to Dr. Rupert Best, Acting Deputy Director General for Research, CIAT, A.A. 6713, Cali, Colombia (Fax: 57-2-445-0273; e-mail: r.best@cgnet.com). The closing date for this position is November 15, 1995.