

Report Cover Sheet for Annual & Final Reports

The following Reporting Requirements MUST BE MET

All Projects

You must submit an **ANNUAL PROGRESS REPORT** by the first Friday in February 1999, detailing the progress of your research. NOTE: IF you are seeking continuation of funding for 2000-2001 for the project, this report will form the basis for CRDC's consideration of ongoing funding. Please complete the budgetary requirements if this is a continuing project.

Terminating Projects

A **FINAL REPORT** must be submitted within three months of completion of the project. This applies in **ALL** cases including research projects, travel, conference attendances, postgraduate postdoctoral and funded capital items.

Tick Report Purpose

Annual Progress Report (Due 1st Fri Feb. to determine continuation of funding)

Final Report (Due 30 September or 3 months after completion of project)

Actual start date:
17 January 1999

Anticipated completion date:
21 January 1999

OFFICE USE ONLY:

Date of receipt:

Project title (as per original application)

Travel Grant to attend Plant and Animal Genome VII Conference, in San Diego, USA.

CRDC Project Code
US46C

CRDC Responsible Director (if known)

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Final Report

What were the project objectives?

The main reason I had applied for funds to attend the conference was to present a poster on aspects of my project so as to receive essential feedback on my research and also to collaborate with scientific experts in similar fields. The conference provided a forum for the exchange of technical information on molecular genetics with special application in particular plant species including cotton. I felt that it would be beneficial to attend the conference to obtain necessary information and experience for the successful completion of my project.

To what extent were these achieved?

I not only presented two posters covering aspects of my research, but I was also invited to give a talk at the Cotton workshop.

The talk was on "The Use of AFLP Technology to Identify Molecular Markers in Cotton (*Gossypium hirsutum*)". I covered the uses of AFLP technology and its advantages over other existing molecular marker techniques. I also presented results of markers identified in our laboratory which were associated with Verticillium Wilt Tolerance or the Okra leaf shape. Over 60 people attended the talk, which gave good exposure to the Australian Cotton Industry. I was approached by a number of the attendants who commended me on the talk and asked technical questions about AFLP technology or discussed other aspects of the research.

The two posters I presented were entitled:

"The Identification of Molecular Markers Linked with Verticillium Wilt Tolerance in Cotton (*Gossypium hirsutum*)" co-authored by Raja Kota and Bruce R. Lyon

and

"The Identification of Molecular Markers Linked with the Okra leaf Shape Trait in Cotton (*Gossypium hirsutum*)" co-authored by Bruce R. Lyon.

A number of people discussed the posters with me and gave me useful technical ideas for furthering my research, including the procedures for determining linkage of markers or mapping and methods for cloning putative markers.

In addition to my own presentations, I attended other workshops which covered similar areas of research in different crop species. I also reviewed numerous posters and discussed them with their respective authors. This exposure to a large number of international research scientists broadened my vision and also enabled me to establish useful contacts.

The conference was very beneficial for me as it gave international exposure to my work and allowed me to learn from other researchers in similar fields.

Budget:

The \$2000 awarded to me for attendance of the conference paid for the return airfare, in San Diego, USA.