



RAJIV GANDHI CENTRE FOR BIOTECHNOLOGY

A CENTRE FOR ADVANCED RESEARCH AND TRAINING IN BIOTECHNOLOGY

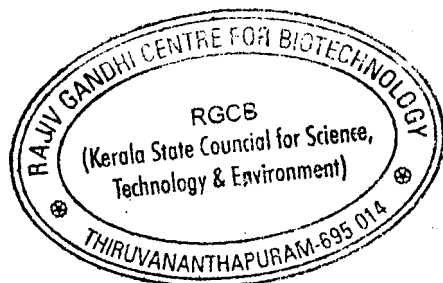
Kerala State Council for Science, Technology & Environment

Dr. V V Asha
Research Supervisor

March 17, 2006

CERTIFICATE

This is to certify that the thesis entitled “**Hepatoprotective action of *Lygodium flexuosum* (L.)Sw.: From Traditional Medicine to Molecular Biology**”, submitted by Mr. P. J.Wills, for the award of the degree of **Doctor of Philosophy**, under the Faculty of Applied Science of the University of Kerala, is an authentic record of work carried out by him under my guidance and that no part thereof has been presented for any other degree or diploma earlier.



Asha V.V.

V. V. Asha

(Research Supervisor)



TROPICAL BOTANIC GARDEN AND RESEARCH INSTITUTE

(An organization under Kerala State Council for Science, Technology and Environment,
National Centre of Excellence, Govt. of India)

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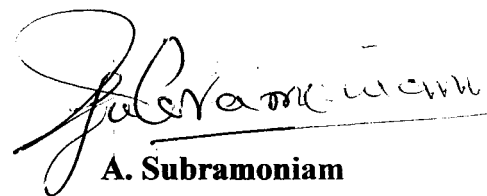
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A. Subramoniam
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17-03-2006

CERTIFICATE

This is to certify that the thesis entitled “**Hepatoprotective action of *Lygodium flexuosum* (L.) Sw.: From Traditional Medicine to Molecular Biology**”, submitted by Mr. P. J. Wills, for the award of the degree of **Doctor of Philosophy**, under the Faculty of Applied Science of the University of Kerala, is a bona fide record of work carried out by him under my co-guidance and that no part thereof has been presented for any other degree or diploma earlier.


A. Subramoniam
(Co-guide)

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March 17, 2006

CERTIFICATE

This is to certify that Mr. Wills, P. J, M. Sc has carried out the research work embodied in this thesis under the supervision and guidance of Dr. V. V. Asha for the full period prescribed under the Ph.D ordinance of this University. I recommend his thesis entitled “Hepatoprotective action of *Lygodium flexuosum* (L) Sw.: From Traditional Medicine to Molecular Biology”, for submission for the degree of Doctor of Philosophy of the University of Kerala.



Head of the Institution

Professor M. RADHAKRISHNA PILLAI

FRCP^{ath}, PhD, FASc, FNASc

DIRECTOR

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THIRUVANANTHAPURAM - 695 014, INDIA



March 17, 2006

DECLARATION

I hereby declare that the work presented in the thesis titled “**Hepatoprotective action of *Lygodium flexuosum* (L.)Sw.: From Traditional Medicine to Molecular Biology**”, has been carried out by me under the supervision of **Dr. V.V. Asha**, and this work has not been submitted for a degree or diploma in this or any other university before.


Wills P J

(Candidate)