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CERTIFICATE OF ORIGINAL WORK

This is to certify that the study conducted by **Ms. Madhu Yadav, I.D. 10PHBIN101** during 2010 -2013 reported in the present thesis is a bonafide record of research work carried out under our guidance and supervision. Her thesis entitled "*Identification of potential inhibitors for oncogenic retinoic acid metabolizing enzyme CYP26A1*" is therefore being recommended for acceptance in partial fulfillment of the requirement for the Degree of Doctor of Philosophy in Bioinformatics of Department of Computational Biology and Bioinformatics, Jacob School of Biotechnology and Bioengineering, Sam Higginbottom Institute of Agriculture, Technology and Sciences, Deemed to be University Allahabad – 211007, India.

Prof. (Col.) Gurmit Singh
(Advisor)

Prof. (Dr.) George Thomas
(Co – Advisor)

Place: Allahabad
Date: 30 September 2013

Place: Allahabad
Date: 30.9.2013



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CERTIFICATE OF RECOMMENDATION OF STUDENT ADVISORY COMMITTEE

The thesis entitled "Identification of potential inhibitors for oncogenic retinoic acid metabolizing enzyme CytochromeP450 (CYP26A1)" has been prepared and submitted by Ms. Madhu Yadav, I. D. No. 10PHBIN101 in partial fulfillment of the requirements for the award of the Degree of DOCTOR OF PHILOSOPHY in Bioinformatics of the Faculty of Engineering & Technology of Sam Higginbottom Institute of Agriculture, Technology & Sciences, Deemed to be University, Allahabad, UP, INDIA.

Name & Designation	Evaluation	Signature
1. Prof. (Col.) Gurmit Singh (Advisor) Professor Emeritus, Department of Computer Science & Information Technology	✓ Satisfactory / Not satisfactory	
2. Prof. (Dr.) George Thomas (Co-Advisor) Head, Department of Molecular & Cellular Engineering	Satisfactory / Not satisfactory	
3. Prof. (Dr.) B. P. Masih (Member) Dean, Jacob School of Biotechnology & Bioengineering	✓ Satisfactory / Not satisfactory	
4. Dr. Kapil Lawrence (Member) Associate Professor, Department of Biochemistry & Bioprocess Engineering	✓ Satisfactory / Not satisfactory	

This thesis recommended by the Student Advisory Committee is satisfactory and be accepted for the award of Ph. D. Degree in Bioinformatics.

Prof. (Dr.) S. P. Adhikary
External Examiner

Prof. (Dr.) D. M. Denis
Chairman, Evaluation Board

Date: 07. 04. 2014
Place: Allahabad