

Certificate

CERTIFICATE

This is to certify that the thesis entitled "**Genomic and epidemiological profile of cervical cancer patients - identifying risk factors, pathways and novel variants through integrated survey and whole exome sequencing strategies**" submitted to the Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore, for the award of the degree of **Doctor of Philosophy in Biotechnology**, is a record of original work done by **B. Sudha**, during the period of her study in the Department of Biochemistry, Biotechnology and Bioinformatics, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore, under my supervision and guidance, and the thesis has not formed the basis for the award of any Degree / Diploma / Associateship / Fellowship or similar title to any candidate of any University.



Signature of the Head of the Department



Signature of the Supervisor



Signature of the Dean

Declaration

DECLARATION

I hereby declare that the matter embodied in this thesis entitled "**Genomic and epidemiological profile of cervical cancer patients - identifying risk factors, pathways and novel variants through integrated survey and whole exome sequencing strategies**" is the result of investigations carried out by me in the Department of Biochemistry, Biotechnology and Bioinformatics, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore, in partial fulfilment of the requirements for the award of the degree of **Doctor of Philosophy in Biotechnology**, is a record of original research work done by me under the supervision and guidance of **Dr.S.Sumathi**, Professor, Department of Biochemistry, Biotechnology and Bioinformatics, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore, and it has not been submitted for the award of any Degree / Diploma / Associateship / Fellowship of any other University or Institute.


Signature of the Research Scholar


Signature of the Supervisor

Acknowledgement

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