



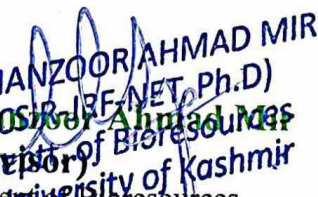
DEPARTMENT OF BIORESOURCES
University of Kashmir
HAZRATBAL, SRINAGAR 190006, J&K (INDIA)


No: F(MS)DIS/B-16)BRBS/KU/18

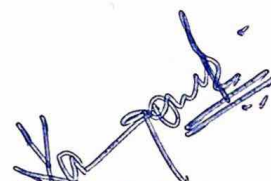
Dated: 20-10-2018


Certificate

This is to certify that the project entitled “Determination of vancomycin in pharmaceutical formation available in local market using HPLC” is the work carried out by **Snober Ali, Aqiba Jahan and Daurdana Banoo** a regular Masters (M.Sc.) students of Department of Bioresources, School of Biological science, University of Kashmir. This work has been carried out under my supervision and is being submitted for the first time to the Department Bioresources, University of Kashmir. The candidates have fulfilled all the requirements and formalities as required under the status of the University for the submission of project work. The work is genuine to the best of our knowledge.


Dr. MANZOOR AHMAD MIR
Dr. Manzoor Ahmad Mir
(Supervisor)
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University of Kashmir, Srinagar


Prof. (Dr) Samina Farhat
(Head)
Department of Pharmacology
Govt. Medical College Srinagar


Dr. Mohd Younis Rather
(Co-supervisor)
Department of Pharmacology
Govt. Medical College Srinagar


Prof. Inayatullah Tahir
(Coordinator)
Department of Bioresources
University of Kashmir



DEPARTMENT OF BIORESOURCES
School of Biological Sciences
UNIVERSITY OF KASHMIR, SRINAGAR-190006
NAAC Accredited Grade A+ University

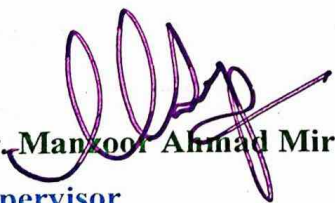


Dr Manzoor Ahmad Mir
(Coordinator/Head)

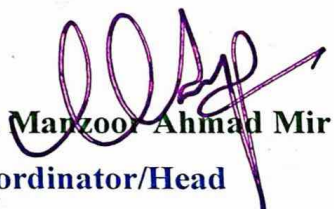
No.: MSBR - PW - 2018 - B / 08 / 21
Dated: 30-03-21

CERTIFICATE

This is to certify that the project entitled “**Bioinformatic analysis showing prognostic significance of TOP2A in Breast Cancer**” is the work carried out by **PZD Farhana Anjum**, a regular Masters (M.Sc.) student of Department of Bioresources, University, Kashmir. This work has been carried out under my supervision and is being submitted for the first time to the Department of Bioresources, University of Kashmir. The candidate has fulfilled all the requirements and formalities as required under the statutes of the University for the Submission of project work.


Dr. Manzoor Ahmad Mir
Supervisor
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Department of Bioresources

Faculty of Biological Sciences

UNIVERSITY OF KASHMIR

HAZARATBAL,
SRINAGAR 190006, J&K

No: MSBR-Pw-2018-B/11/21

Date: 30/03/2021

Certificate

This is to certify that the project entitled “Elucidation of prognostic and functional role of BIRC5 in breast cancer using Bioinformatics analysis” ” is the work carried out by **Shariqa Jan**, a regular Masters (M.Sc.) student of Department of Bioresources, University of Kashmir. This work has been carried out under my supervision and is being submitted for the first time to the Department of Bioresources, University of Kashmir. The candidate has fulfilled all the requirements and formalities as required under the statutes of the University for the Submission of project work.

Dr. Manzoor Ahmad Mir

(Supervisor)

Dr. Manzoor Ahmad Mir
M.Sc, CSIR-JRF-NET (Ph.D)
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Department of Bioresources

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No: MSBR-Prv-2018-B/10/21

Date: 30/03/2021

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Dr. Manzoor Ahmad Mir
(Supervisor)

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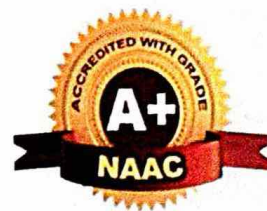


DEPARTMENT OF BIORESOURCES

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UNIVERSITY OF KASHMIR, SRINAGAR-190006

NAAC Accredited Grade A⁺ University



No.: MSBR-PW-2019-B/03/21

Date: 30-11-2021

Certificate

This is to certify that the project entitled “Fatty Acid Metabolism In Breast Cancer:A Comprehensive In-Silico Study” is the work carried out by Aanisa Makhdoomi, a regular Masters (M.Sc.) Student of Department of Bioresources, University of Kashmir. This work has been carried under my supervision and is being submitted for the first time to the Department of Bioresources, University of Kashmir. The candidate has fulfilled all the requirements and formalities as required under the statutes of the University for the submission of project work.

Supervisor

Dr. Manzoor Ahmad Mir

Department of Bioresources

Dr. MANZOOR AHMAD MIR
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Deptt. of Bioresources
University of Kashmir

Coordinator

Dr. Manzoor Ahmad Mir

Department of Bioresources

Dr. MANZOOR AHMAD MIR
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School of Biological Sciences

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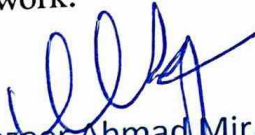
Dr Manzoor Ahmad Mir
(Coordinator/Head)

No: MSBR-PW-2019B/18/21

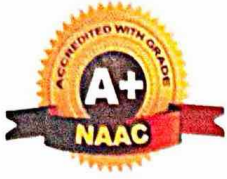
Dated: 30/11/2021

CERTIFICATE

This is to certify that the project entitled “**Comprehensive Analysis of MAP Kinase signaling pathway in Breast Cancer: An integrated in silico analysis**” is the work carried out by **HEENA ZAHRA**, a regular Masters student of department of Bioresources, University of Kashmir. This work has been carried out under my supervision and is being submitted for the first time to the Department of Bioresources, University of Kashmir. The candidate has fulfilled all the requirements and formalities as required under the statutes of the University for the Submission of project work.


Dr. Manzoor Ahmad Mir
Supervision/ Head
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HAZARATBAL, SRINAGAR 190006, J&K

No: MSBR-PW-2020-B/01/23

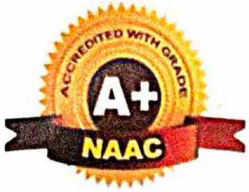
Date: 25-03-2023

Certificate

This is to certify that the project entitled “Expression pattern and therapeutic implications of CDK2 in Breast Cancer: An in-silico and in-vitro analysis” is the work carried out by Iqra Noor, a regular Masters (M.Sc.) student of Department of Bioresources, University of Kashmir. This work has been carried out under my supervision and is being submitted for the first time to the Department of Bioresources, University of Kashmir. The candidate has fulfilled all the requirements and formalities as required under the statutes of the University for the Submission of project work.


Dr. Manzoor Ahmad Mir
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Department of Bio-resources
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UNIVERSITY OF KASHMIR

HAZARATBAL,
SRINAGAR 190006, J&K

No: MSBR- Pw- 2020-B/06/23

Date: 25-03-2023

Certificate

This is to certify that the project entitled “**Cisplatin targets XIAP and inhibits tumour cell proliferation in breast cancer cells: An In-vitro and In-silico study**” is the work carried out by **Masarat Bashir**, a regular Masters (M.Sc.) student of the Department of Bio-resources, University of Kashmir. This work has been carried out under my supervision and is being submitted for the first time to the Department of Bio-resources, University of Kashmir. The candidate has fulfilled all the requirements and formalities as required under the statutes of the University for the Submission of project work.

Dr. Manzoor Ahmad Mir

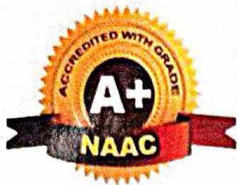
(Supervisor)

Dr. MANZOOR AHMAD MIR
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Dr. Manzoor Ahmad Mir

(Coordinator)

Dr. MANZOOR AHMAD MIR
(Coordinator)
Department of Bio-resources
University of Kashmir, Srinagar



Department of Bioresources

Faculty of Biological Sciences

UNIVERSITY OF KASHMIR

HAZARATBAL, SRINAGAR 190006, J&K

No: MSBR - PW - 2020 - B/15/23

Date: 25-03-2023

Certificate

This is to certify that the project entitled “**TOP2A dysregulation in breast cancer; An integrated bioinformatic and In-vitro Analysis**” is the work carried out by **Mina Rashid** a regular Masters (M.Sc.) student of Department of Bio resources, University of Kashmir. This work has been carried out under my supervision and is being submitted for the first time to the Department of Bio resources, University of Kashmir. The candidate has fulfilled all the requirements and formalities as required under the statutes of the University for the Submission of project work.



Dr. Manzoor Ahmad Mir
(Supervisor)
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Dr. MANZOOR AHMAD MIR
(CSIR-JRF, NET, PhD)
Deptt. of Bioresources
University of Kashmir



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(Coordinator)
Department of Bio resources
University of Kashmir
Coordinator
Department of Bioresources
University of Kashmir
Srinagar

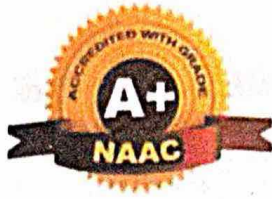
DEPARTMENT OF BIORESOURCES
University of Kashmir-Hazratbal
Srinagar, J&K - 190006

CERTIFICATE

This is to certify that the project entitled "Expression patterns and therapeutic implications of CDK4 in Breast Cancer: An In-vitro and In-silico Analysis" is the work carried out by Mr. / Ms. Sumaiya Nisar, a regular Masters (M.Sc.) student of Department of Bioresources, University of Kashmir. This work has been carried out under my supervision and is being submitted for the first time to the Department of Bioresources, University of Kashmir. The candidate has fulfilled all the requirements and formalities as required under the statutes of the University for the Submission of project work.


(Signature of Project supervisor)
Dr. Manzoor Ahmad Mir
Supervisor
Date: 25/03/2023
No. MSBR-Dept. of Bioresources
University of Kashmir
3/18/23


Dr. Manzoor Ahmad Mir
Coordinator
Department of Bioresources
University of Kashmir



**Department of Bioresources
School of Biological Sciences
UNIVERSITY OF KASHMIR
HAZARATBAL, SRINAGAR 190006, J&K**


No: MSBR-PW-2020-B/19/23

Date: 25-03-2023

Certificate

This is to certify that the project entitled “**Identification and Analysis of Dysregulated PIK3CA Gene in Breast Cancer: An Integrated Bioinformatic and Invitro Analysis**” is the work carried out by **AANISA ISHRAT**, a regular Masters (M.Sc.) student of Department of Bioresources, University of Kashmir. This work has been carried out under my supervision and is being submitted for the first time to the Department of Bioresources, University of Kashmir. The candidate has fulfilled all the requirements and formalities as required under the statutes of the University for the Submission of project work.


Dr. Manzoor Ahmad Mir
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Deptt. of Bioresources
University of Kashmir


Dr. Manzoor Ahmad Mir
(Cordinator)
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Department of Bioresources
University of Kashmir



Department of Bioresources

Faculty of Biological Sciences

UNIVERSITY OF KASHMIR

HAZARATBAL, SRINAGAR 190006, J&K

No: MSBR-Pw-2021-B/06/23

Date: 26/12/2023

Certificate

This is to certify that the project entitled “Validation of MAPT Expression and its Functional Role in Breast Cancer using In-silico and In-vitro Analysis” is the work carried out by **Asma jan**, a regular Masters (M.Sc.) student of Department of Bio-resources, University of Kashmir. This work has been carried out under my supervision and is being submitted for the first time to the Department of Bio-resources, University of Kashmir. Miss Asma jan has demonstrated exemplary dedication and scholarly prowess in researching and presenting this project. The candidate has fulfilled all the requirements and formalities as required under the statutes of the University for the Submission of project work.

Dr. Manzoor Ahmad Mir
(Supervisor)

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University of Kashmir, Srinagar

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Dr. Manzoor Ahmad Mir
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Department of Bio-resources
Faculty of Biological Sciences
UNIVERSITY OF KASHMIR

HAZARATBAL,
SRINAGAR 190006, J&K

No: MSBR-Pw-2021-B/15/23

Date: 26/12/2023

Certificate

This is to certify that the project entitled “**Expression Pattern and Functional Role of ATP5A1 in Breast Cancer using *In-silico* and *In-vitro* Analysis**” is the work carried out by **Tabish javeed**, a regular Masters (M.Sc.) student of Department of Bio-resources, University of Kashmir. This work has been carried out under my supervision and is being submitted for the first time to the Department of Bio-resources, University of Kashmir. The candidate has fulfilled all the requirements and formalities as required under the statutes of the University for the Submission of project work.

Dr. Manzoor Ahmad Mir

(Supervisor)

Department of Bio-resources

University of Kashmir, Srinagar

Dr. MANZOOR AHMAD MIR
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Dr. Manzoor Ahmad Mir

(Coordinator)

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University of Kashmir, Srinagar

Head/Cordinator
Department of Bioresources
School of Biological Sciences
University of Kashmir



**Department of Bio-resources
Faculty of Biological Sciences
UNIVERSITY OF KASHMIR**

**HAZARATBAL,
SRINAGAR 190006, J&K**

No: MSBR-PW-2021-B/17/23

Date: 26/12/2023

Certificate

This is to certify that the project entitled “**Validation of CDK2 expression and its functional role in Breast Cancer using In-silico and In-vitro Analysis**” is the work carried out by **Fatima Manhas**, a regular Masters (M.Sc.) student of Department of Bio-resources, University of Kashmir. This work has been carried out under my supervision and is being submitted for the first time to the Department of Bio-resources, University of Kashmir. The candidate has fulfilled all the requirements and formalities as required under the statutes of the University for the Submission of project work.

Dr. Manzoor Ahmad Mir
(Supervisor)

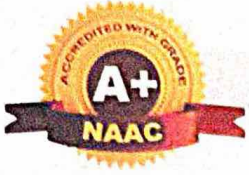
Department of Bio-resources
University of Kashmir, Srinagar

Dr. MANZOOR AHMAD MIR
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University of Kashmir

Dr. Manzoor Ahmad Mir
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Department of Bio-resources
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UNIVERSITY OF KASHMIR


HAZARATBAL,
SRINAGAR 190006, J&K

No: MSBR-PW-2021-B/23/23

Date: 26/12/2023

Certificate

This is to certify that the project entitled “Clinicopathological Significance and Expression Pattern of CDK1 in Breast Cancer Using *In-Silico and In-Vitro Analysis*” is the work carried out by **Nasreen Rashid**, a regular Masters (M.Sc.) student of Department of Bio-resources, University of Kashmir. This work has been carried out under my supervision and is being submitted for the first time to the Department of Bio-resources, University of Kashmir. The candidate has fulfilled all the requirements and formalities as required under the statutes of the University for the Submission of project work.


Dr. Manzoor Ahmad Mir
(Supervisor)

Department of Bio-resources
University of Kashmir, Srinagar

Dr. MANZOOR AHMAD MIR
(CSIR-JRF-NET, PhD)
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Dr. Manzoor Ahmad Mir
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DEPARTMENT OF BIORESOURCES
School of Biological Sciences
UNIVERSITY OF KASHMIR, SRINAGAR-190006
NAAC Accredited Grade A+ University



Dr Manzoor Ahmad Mir
(Coordinator/Head)

No.:

Dated:

CERTIFICATE

This is to certify that the project entitled “Exploring SALL4 as a significant prognostic marker in Breast Cancer and its association with Progression Pathways involved in cancer genesis” is the work carried out by **Sania Bashir**, a regular Masters (M.Sc.) student of Department of Bioresources, University, Kashmir. This work has been carried out under my supervision and is being submitted for the first time to the Department of Bioresources, University of Kashmir. The candidate has fulfilled all the requirements and formalities as required under the statutes of the University for the Submission of project work.

Dr. Manzoor Ahmad Mir
(Supervisor)

Department of Bioresources
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HAZRATBAL, SRINAGAR 190006, J&K (INDIA)


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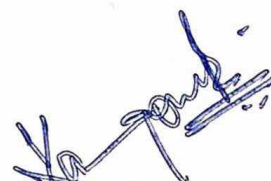
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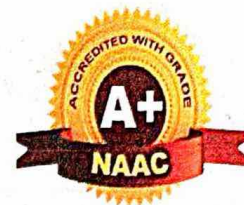

Prof. (Dr) Samina Farhat
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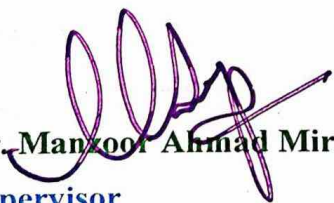


Dr Manzoor Ahmad Mir
(Coordinator/Head)

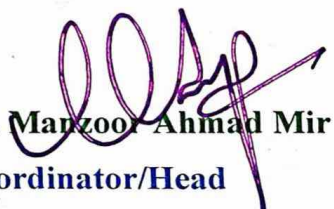
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Dated: 30-03-21

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Certificate

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Dr. Manzoor Ahmad Mir

(Supervisor)

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No: MSBR-Prv-2018-B/10/21

Date: 30/03/2021

Certificate

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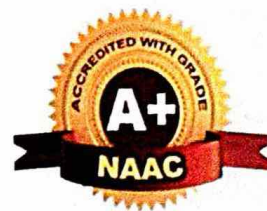


DEPARTMENT OF BIORESOURCES

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Supervisor

Dr. Manzoor Ahmad Mir

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Coordinator

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Co-ordinator/Head
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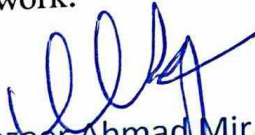
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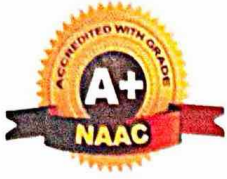
Dated: 30/11/2021

CERTIFICATE

This is to certify that the project entitled “**Comprehensive Analysis of MAP Kinase signaling pathway in Breast Cancer: An integrated in silico analysis**” is the work carried out by **HEENA ZAHRA**, a regular Masters student of department of Bioresources, University of Kashmir. This work has been carried out under my supervision and is being submitted for the first time to the Department of Bioresources, University of Kashmir. The candidate has fulfilled all the requirements and formalities as required under the statutes of the University for the Submission of project work.


Dr. Manzoor Ahmad Mir
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Dr. Manzoor Ahmad Mir
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Deptt. of Bioresources
University of Kashmir



Department of Bioresources

Faculty of Biological Sciences

UNIVERSITY OF KASHMIR

HAZARATBAL, SRINAGAR 190006, J&K

No: MSBR-PW-2020-B/01/23

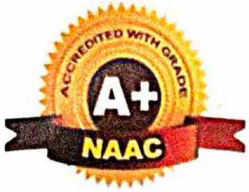
Date: 25-03-2023

Certificate

This is to certify that the project entitled “Expression pattern and therapeutic implications of CDK2 in Breast Cancer: An in-silico and in-vitro analysis” is the work carried out by Iqra Noor, a regular Masters (M.Sc.) student of Department of Bioresources, University of Kashmir. This work has been carried out under my supervision and is being submitted for the first time to the Department of Bioresources, University of Kashmir. The candidate has fulfilled all the requirements and formalities as required under the statutes of the University for the Submission of project work.


Dr. Manzoor Ahmad Mir
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SRINAGAR 190006, J&K

No: MSBR- Pw- 2020-B/06/23

Date: 25-03-2023

Certificate

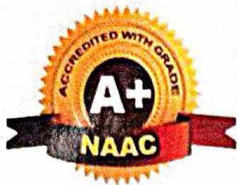
This is to certify that the project entitled “**Cisplatin targets XIAP and inhibits tumour cell proliferation in breast cancer cells: An In-vitro and In-silico study**” is the work carried out by **Masarat Bashir**, a regular Masters (M.Sc.) student of the Department of Bio-resources, University of Kashmir. This work has been carried out under my supervision and is being submitted for the first time to the Department of Bio-resources, University of Kashmir. The candidate has fulfilled all the requirements and formalities as required under the statutes of the University for the Submission of project work.

Dr. Manzoor Ahmad Mir
(Supervisor)

MANZOOR AHMAD MIR
Dr. Mir (Ph.D)
Department of Bio-resources
University of Kashmir, Srinagar

Dr. Manzoor Ahmad Mir
(Coordinator)

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Dr. Mir (Ph.D)
Department of Bio-resources
University of Kashmir, Srinagar



Department of Bioresources

Faculty of Biological Sciences

UNIVERSITY OF KASHMIR

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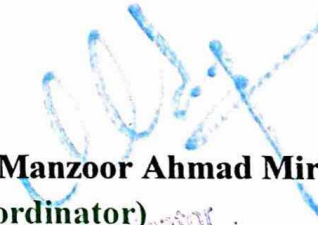
No: MSBR - PW - 2020 - B/15/23

Date: 25-03-2023

Certificate

This is to certify that the project entitled “**TOP2A dysregulation in breast cancer; An integrated bioinformatic and In-vitro Analysis**” is the work carried out by **Mina Rashid** a regular Masters (M.Sc.) student of Department of Bio resources, University of Kashmir. This work has been carried out under my supervision and is being submitted for the first time to the Department of Bio resources, University of Kashmir. The candidate has fulfilled all the requirements and formalities as required under the statutes of the University for the Submission of project work.



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University of Kashmir



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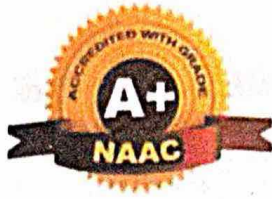
DEPARTMENT OF BIORESOURCES
University of Kashmir-Hazratbal
Srinagar, J&K - 190006

CERTIFICATE

This is to certify that the project entitled "Expression patterns and therapeutic implications of CDK4 in Breast Cancer: An In-vitro and In-silico Analysis" is the work carried out by Mr. / Ms. Sumaiya Nisar, a regular Masters (M.Sc.) student of Department of Bioresources, University of Kashmir. This work has been carried out under my supervision and is being submitted for the first time to the Department of Bioresources, University of Kashmir. The candidate has fulfilled all the requirements and formalities as required under the statutes of the University for the Submission of project work.


(Signature of Project supervisor)
Dr. Manzoor Ahmad Mir
Supervisor
Date: 25/03/2023
No. MSBR-Dept. of Bioresources
University of Kashmir
3/18/23


Dr. Manzoor Ahmad Mir
Coordinator
Department of Bioresources
University of Kashmir



**Department of Bioresources
School of Biological Sciences
UNIVERSITY OF KASHMIR
HAZARATBAL, SRINAGAR 190006, J&K**


No: MSBR-PW-2020-B/19/23

Date: 25-03-2023

Certificate

This is to certify that the project entitled “**Identification and Analysis of Dysregulated PIK3CA Gene in Breast Cancer: An Integrated Bioinformatic and Invitro Analysis**” is the work carried out by **AANISA ISHRAT**, a regular Masters (M.Sc.) student of Department of Bioresources, University of Kashmir. This work has been carried out under my supervision and is being submitted for the first time to the Department of Bioresources, University of Kashmir. The candidate has fulfilled all the requirements and formalities as required under the statutes of the University for the Submission of project work.


Dr. Manzoor Ahmad Mir
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Department of Bioresources

Faculty of Biological Sciences

UNIVERSITY OF KASHMIR

HAZARATBAL, SRINAGAR 190006, J&K

No: MSBR-Pw-2021-B/06/23

Date: 26/12/2023

Certificate

This is to certify that the project entitled “Validation of MAPT Expression and its Functional Role in Breast Cancer using In-silico and In-vitro Analysis” is the work carried out by **Asma jan**, a regular Masters (M.Sc.) student of Department of Bio-resources, University of Kashmir. This work has been carried out under my supervision and is being submitted for the first time to the Department of Bio-resources, University of Kashmir. Miss Asma jan has demonstrated exemplary dedication and scholarly prowess in researching and presenting this project. The candidate has fulfilled all the requirements and formalities as required under the statutes of the University for the Submission of project work.


Dr. Manzoor Ahmad Mir
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UNIVERSITY OF KASHMIR

HAZARATBAL,
SRINAGAR 190006, J&K

No: MSBR-PW-2021-B/15/23

Date: 26/12/2023

Certificate

This is to certify that the project entitled “**Expression Pattern and Functional Role of ATP5A1 in Breast Cancer using *In-silico* and *In-vitro* Analysis**” is the work carried out by **Tabish javeed**, a regular Masters (M.Sc.) student of Department of Bio-resources, University of Kashmir. This work has been carried out under my supervision and is being submitted for the first time to the Department of Bio-resources, University of Kashmir. The candidate has fulfilled all the requirements and formalities as required under the statutes of the University for the Submission of project work.

Dr. Manzoor Ahmad Mir

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**Department of Bio-resources
Faculty of Biological Sciences
UNIVERSITY OF KASHMIR**

**HAZARATBAL,
SRINAGAR 190006, J&K**

No: MSBR-PW-2021-B/17/23

Date: 26/12/2023

Certificate

This is to certify that the project entitled “Validation of CDK2 expression and its functional role in Breast Cancer using In-silico and In-vitro Analysis” is the work carried out by **Fatima Manhas**, a regular Masters (M.Sc.) student of Department of Bio-resources, University of Kashmir. This work has been carried out under my supervision and is being submitted for the first time to the Department of Bio-resources, University of Kashmir. The candidate has fulfilled all the requirements and formalities as required under the statutes of the University for the Submission of project work.

Dr. Manzoor Ahmad Mir
(Supervisor)

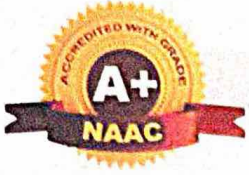
Department of Bio-resources
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HAZARATBAL,
SRINAGAR 190006, J&K

No: MSBR-PW-2021-B/23/23

Date: 26/12/2023

Certificate

This is to certify that the project entitled “Clinicopathological Significance and Expression Pattern of CDK1 in Breast Cancer Using *In-Silico and In-Vitro Analysis*” is the work carried out by **Nasreen Rashid**, a regular Masters (M.Sc.) student of Department of Bio-resources, University of Kashmir. This work has been carried out under my supervision and is being submitted for the first time to the Department of Bio-resources, University of Kashmir. The candidate has fulfilled all the requirements and formalities as required under the statutes of the University for the Submission of project work.


Dr. Manzoor Ahmad Mir
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NAAC Accredited Grade A+ University



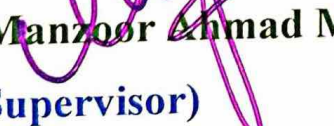
Dr Manzoor Ahmad Mir
(Coordinator/Head)

No.:

Dated:

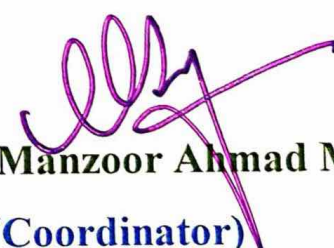
CERTIFICATE

This is to certify that the project entitled “Exploring SALL4 as a significant prognostic marker in Breast Cancer and its association with Progression Pathways involved in cancer genesis” is the work carried out by **Sania Bashir**, a regular Masters (M.Sc.) student of Department of Bioresources, University, Kashmir. This work has been carried out under my supervision and is being submitted for the first time to the Department of Bioresources, University of Kashmir. The candidate has fulfilled all the requirements and formalities as required under the statutes of the University for the Submission of project work.


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