

टाटा स्मारक केंद्र TATA MEMORIAL CENTRE

25769

- · CANCER RESEARCH INSTITUTE
- CLINICAL RESEARCH CENTRE
- · CENTRE FOR CANCER EPIDEMIOLOGY

कैंसर उपचार, अनुसंधान एवं शिक्षा का प्रगत केन्द्र ADVANCED CENTRE FOR TREATMENT RESEARCH & EDUCATION IN CANCER

प. ऊ. वि.भारत सरकार का एक सहायता अनुदान प्राप्त संस्थान A GRANT-IN-AID INSTITUTION OF THE DEPARTMENT OF ATOMIC ENERGY, GOVT OF INDIA

22nd August 2021

To whomsoever it may concern

This is to certify that Mr. Nikhil Nayak has worked as a trainee on the project entitled "To study the mechanism of mutant p53 destabilization in oral cancer cell lines." from 1st February, 2021 to 31st July, 2021 in my laboratory.

During his tenure in my laboratory, Nikhil has demonstrated good skills and has obtained hands on training in techniques such as Protein estimation by Folin's and Bradford's method, Protein isolation from protein soluble and insoluble fractions, SDS PAGE, Western Blotting, Immunofluorescence, Immunoprecipitation, Transformation, Plasmid isolation (kit based), RNA isolation and Real time PCR. He has also completed observership in animal tissue culture techniques.

Nikhil is a very sincere and diligent student with a good scientific aptitude and understanding. During his tenure with my lab, I found him obedient, honest, and dedicated to his work. Nikhil, also exhibited the ability to work as a team and has proven to be a reliable bench worker. He often had healthy scientific interactions with colleagues in the laboratory during his term. Nikhil will be an asset to any laboratory he joins. I wish him good luck for his future endeavours.

Dr. Tanuja R. Teni
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Scientific Officer 'G', ACTREC
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Dr. Tanuja R. Teni,

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फैक्स : +९१-२२- २७४० ५०८५

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Cancer is curable, if detected early.



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30th August 2021

To Whomsoever It May Concern

This is to certify that Ms. Rashmita Sahu has worked as a trainee on the project entitled "Molecular mechanisms of resistance to therapy in cervical cancer" from 23rd March 2021 to 27th August 2021 in my laboratory.

During her tenure in my laboratory, Rashmita has developed hands on training in techniques such as Protein estimation by Folin's and Bradford's method, Agarose gel and SDS-PAGE casting, Colony forming Assay, in vitro cell irradiation, Western blotting, Real time-PCR, DNA and RNA isolation and its quantification. She has also completed observership in animal tissue culture techniques.

Rashmita is a disciplined, hardworking and obedient student with good analytical skills. I found her actively participating in scientific discussions in the lab. She has good communication and time management skills and is able to work in a team.

Rashmita will be a valuable asset to any laboratory she joins. I wish her good luck for her future endeavours.

Dr. Tanuja R. Teni

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Birla Institute of Scientific Research

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Website: www.bisr.res.in

Dated: May 9, 2021

CERTIFICATE

This is to certify that Ms. Sowmya Murali, a student of M. Sc. (Biotechnology), SIES College of Arts, Science and Commerce (Autonomus), Jain Society, Mumbai (M.H.) has completed her project entitled "Isolation and characterization of endophytic and rhizobacteria of Catharanthus roseus as an alternative source of alkaloids of pharmacological importance" under our supervision in conformity with rules and regulations of Birla Institute of Scientific Research, Jaipur from January 2021 to May 2021.

During this period, she has worked guite sincerely and methodically and used her scientific aptitude quite well for this project.

We wish her all the best in all her future endeavors.

Dr. R. K. Gothwal

(Guide)

Dr. (Mrs) Sampat Nehra Dr. A. K. Varshney

Sampat

(Co-Guide)

Alole Varshney

(Co-Guide)



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To Whomsoever it May Concern

This is to certify that Mr. Ujwal V. Shetty has worked as a trainee in my laboratory on the project entitled "Role of McI-1 in DNA damage repair and autophagy post genotoxic stress in oral cancer" from 1st February, 2021 to 31st July, 2021.

During his tenure at ACTREC, Ujwal has obtained hands on training in several cellular and molecular techniques such as western blotting, Immunofluorescence, cell cycle analysis, transformation, plasmid isolation (kit based), cytoplasmic & nuclear fractionation from mammalian cells. He has also completed observership in techniques such as Immunoprecipitation, real time PCR, annexin/PI staining for apoptosis and animal tissue culture.

I found Ujwal an obedient & honest trainee with dedication for his work. He has the ability to work in a team and is a reliable bench worker. It is noteworthy that he often had healthy scientific discussions with colleagues in the laboratory.

Ujwal is a sincere and diligent student with good scientific understanding, skills and aptitude. I wish him all the best and good luck for his future endeavours.

Dr Tanuja Teni, Scientific Officer G, Principal Investigator, Teni Lab.