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Accredited B** Grade by NAAC

Internship with Chittaranjan National Cancer Institute, Kolkata

DR. NABENDU MURMU, PhD
Senior Scientific Officer, Gr I
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Chittaranjan National Cancer Institute

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TO WHOM IT MAY CONCERN

This is to certify that this project report is the bonafide work of Miss. Puja Banerjee a student of Department of Physiology , Rammohan College, under University of Calcutta, who carried out the project entitled "Identification & Molecular Characterisation of cells participating in Vasculogenic Mimicry in Oral Squamous Cell Carcinoma" under my supervision for 1 month from 4th May to 4th June, 2018.

Nalenda Muema,

Date: 12.07.2018

Dr. Nabendu Murmu Senior Scientific Officer- Gr.I Dept. of Signal Transduction and Biogenic Amines Chittaranjan National Cancer Institute, Kolkata डॉ॰ नबेन्दु मुरम्/Dr. Nabendu Murmu Ph.D बरिख बेज्ञानिक अधिकारी, ग्रेड-I/Sr. Scientific Officer, Gr-I विभाग अमुख, सिम्माल ट्रंसडक्शन और बायोजेनिक एमाईस Head, Signal Transduction and Biogenic Amines चित्तरंजन राष्ट्रीय कैंसर संस्थान Chittaranjan National Cancer Institute सास्थय और परिवार कल्यान मंत्रालय Ministry of Health & Family Welfare कोलकाता-700 026/Kolkala-700 026



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Date......20 *Ref.*

> HAND ON EXPERIENCE ON ATOMIC ABSORPTION SPECTROSCOPY AND ESTIMATION OF HEAVY TOXIC METALS CONCENTRATION IN BIOLOGICAL SAMPLE

UNDER THE GUIDANCE OF

Dr. Ugir Hossain Sk Senior Scientific Officer Department of Clinical and Translational Research



Chittaranjan National Cancer Institute

Kolkata - 700026

SUBMITTED BY: ANIRBAN GHOSH DEPARTMENT: HUMAN PHYSIOLOGY



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TO WHOM IT MAY CONCERN

This is to certify that the project entitled "Hand on experience on Atomic Absorption Spectroscopy and estimation of heavy toxic metalconcentration in biological sample" submitted by Mr. Anirban Ghosh, MSc. in Human Physiology, 4th semester, Rammohan College, University of Calcutta, West Bengal, has successfully completed his dissertation work at the Department of Clinical & Translational Research in Chittaranjan National Cancer Institute, Kolkata, during the period of 11th March to 12th April 2019 under my supervision.

I wish him all the success of the future.

Dated: 22/04/2019

Place: Kolkata

Sk Ugi Hossain Signature of the guide

Dr. Ugir Hossain Sk Senior Scientific Officer



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	Date20
Dr Madhumita Roy PhD Head & Senior Scientific Officer(Assistant Director) Dept Environmental Carcinogenesis & Toxicology	Chittaranjan National Cancer Institute 37, S. P. Mukherjee Road, Kolkata – 700 026, INDIA Tel: 2476-5101/ 02 extn.317 Fax: 91-33-2475-7606 E-Mail: mitacnci@yahoo.co.in Mobile No.: 98310-18691
TO WHOM IT MA	AY CONCERN
This is to certify that this projec	t report is the bonafide work of
Mr. Arnab Deb Rai, a student of F	Rammohan College, affiliated to
University of Calcutta, who carried o	out the project entitled "BLACK
TEA INDUCES CATALASE	ACTIVITY IMPAIRED BY
INORGANIC ARSENIC IN SWISS	S ALBINO MICE", under my
supervision for 30 days from 11th Mar	ch to 10th April 2019.
examined one paper Property of Sections	Madhumitar Roy MADHUMITA ROY 22.05.2019 Dr. Madhumita Roy (Pai), ph.D. Head & Senior Scientific Officer (Asst. Director grade) Dept. of Environmental Carcinogenesis & Toxicology Chittaranjan National Cancer Institute



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