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A Project Report on

ESCHERICHIA COLI IS A KEY SPECIES ASSOCIATED WITH AMR

Submitted by

SRINJANI MITRA

University Reg. No. - 037558 of 2019-20 Roll No. - 18901919031

Under the guidance of

DR. SUMAN ROY

(Assistant Professor)

&

Mr. SHOBHAN BOSE

(Assistant Professor)

In partial fulfilment of the Requirement for the Degree of Bachelor of Pharmacy

Submitted to

Maulana Abul Kalam Azad University of Technology West Bengal

Dr. B. C. Roy College of Pharmacy and Allied Health Sciences

Durgapur, 713206

Academic Year: 2022 - 2023



prof. (Dr.) Sahir Kumar Samanta Prof. (Dr.) Sahir Kumar (J.U.) M. Pharm. Ph.D (J.U.) Principal Principal Principal Dr. B. C. Roy College of Pharmacy & AHS Durgapur, West Bengal-713206

DECLARATION

I hereby declare that the Project entitled "Escherichia coli is a key species associated with AMR" in partial fulfilment of the requirement for the award of Bachelor of Pharmacy submitted to Maulana Abul Kalam Azad University of Technology, West Bengal, is an authentic record of bona fide work carried out by me, under the guidance of Dr. Suman Roy &Mr. Shobhan Bose.

The matter embodied in this Project has not been submitted for the award of any other degree or diploma to any University / Institution.

Shiwan M Signature

Name of Candidate: Srinjani Mitra

Roll no: 18901919031

Date: 15/05/2023

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Place: Durgapur

Or. B. C. Roy College of Program 1 3 205

CERTIFICATE

This is to certify that the Project entitled "Escherichia coli is a key species associated with AMR" Srinjani Mitra in partial fulfilment for the BACHELOR OF PHARMACY under MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY is a record of the original research work under our supervision and up to our satisfaction. To our knowledge, neither this thesis nor any part of it has been submitted for any other academic award anywhere before. The thesis is forwarded to Controller of Examination MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY for assessment.

Signature of Guide

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Name of Guide: Mr. Shobhan Bose

Date: 15/05/2023

Place: Durgapur

PROF (DR.) SAMIR KR. SAMANTA

(PRINCIPAL)

Date: 15/05/2023

Place: Durgapur

Signature

Name of External Examiner:

Date 15/05/2023

Place: Durgapur

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Prof. (Dr.) Samir Kumar Samusiya kus Prof. (Dr.) Samir Kumar Grana Barra Samusiya kus Prof. (Dr.) Samir Kumar Grana Barra Samusiya kus Prof. (Dr.) Samir Kumar Grana Grana Barra Samusiya kusar Gamusiya Samusiya Samusiya