

**Buidling the Zinc Toxicity Interactome: Identification of
Zinc Binding Proteins in *C. elegans***

Submitted in partial fulfilment of the requirements
of the degree of

Master of Science in Life Science (Applied Medical Sciences)

by

Punita Mehta

(UID No.: 188511)

Guided by:

Dr. Maya Murdeshwar



**Department of Life Science & Biochemistry
St. Xavier's College (Autonomous), Mumbai
June 2020**



DEPARTMENT OF LIFE SCIENCE & BIOCHEMISTRY
ST. XAVIER'S COLLEGE (AUTONOMOUS), MUMBAI

MUMBAI - 400 001



CERTIFICATE

Class: M.Sc. (Part II) – Life Science

UID NO.: 188511

This is to certify that the project entitled “*Buidling the Zinc Toxicity Interactome: Identification of Zinc Binding Proteins in C. elegans*” is a result of the original research work carried out by *Ms. Punita Mehta.*

This project is submitted to the Department of Life Science & Biochemistry, St. Xavier's College (Autonomous), Mumbai, in partial fulfilment for the degree of **Master of Science (M.Sc.) - Life Science (Applied Medical Sciences)** for the year 2019-20.

Dr. Maya Murdeshwar
Research Advisor

Head of Department
Life Science and Biochemistry

Date: 27th June 2020

Place: Mumbai

**DEPARTMENT OF LIFE SCIENCE
AND BIOCHEMISTRY
ST. XAVIER'S COLLEGE AUTON^O MOUS,
MAHAPALIKA M^O G,
MUMBAI - 400 001.**

DECLARATION

Class: **M.Sc. (Part II) – Life Science**

UID NO.: **188511**

I declare that this dissertation entitled "*Buidling the Zinc Toxicity Interactome: Identification of Zinc Binding Proteins in C. elegans*" has been written by me and no part of it has been plagiarized from any other source. The literature has been cited in-text and in the reference list. I also declare that I have adhered to all principles of academic honesty and integrity and have not misrepresented or fabricated or falsified any idea/data/fact/source in my dissertation. I understand that any violation of the above will be the cause for disciplinary action by the College and can also evoke penal action from the sources which have thus not been properly cited or from whom proper permission has not been taken when needed. The entire work or any part of it thereof, will not be published without the permission and consent of my research guide.



Signature

Name of student: **Ms. Punita Mehta**

Date: **27th June, 2020**

Place: **Mumbai**