

# Curriculum vitae

**RUDRANATH BANERJEE**

**Date of Birth: 23 July in 1996**

**Gender: Male**

**Marital Status: Unmarried.**

**EMAIL ID: rudrabanerjee567@gmail.com**

**Permanent Address-1D Mahendra chatterjee lane Kolkata -700046**

**Province/state: West Bengal**

**Post code: 700046**

**Country: India**

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<b>Academic Qualification</b>	<b>percentage</b>
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**M.Sc IN GENETICS**

<b>INSTITUTE OF GENETIC ENGINEERING(MAKAUT)</b>	<b>8.33</b>
<b>(2017-2019)</b>	

**B.Sc (H) IN GENETICS**

<b>INSTITUTE OF GENETIC ENGINEERING (MAKAUT)</b>	<b>7.04</b>
<b>(2014-2017)</b>	

**HIGHER SECONDARY EXAMINATION IN 2014 (CLASS 12)**

**TALTALA HIGH SCHOOL(H.S)**

**West Bengal Council of Higher Secondary Education(WBCHSE) (2012-2014) 46.6**

**BENGALI,ENGLISH,PHYSICS,CHEMISTRY,BIOLOGY (SCIENCE STREAM)**

**SECONDARY EXAMINATION IN 2012 (CLASS 10)**

**WEST BENGAL BOARD OF SECONDARY EDUCATION (WBBSE) (2012) 45**

**SARAT CHANDRA SUR INSTITUTION**

**BENGALI ,ENGLISH,MATHEMATICS,LIFE SCIENCE,PHYSICALSCIENCE,HISTORY ,GEOGRAPHY**

**AREA OF RESEARCH INTEREST:**

**BIOINFORMATICS,CELL BIOLOGY,GENETICS,CANCER BIOLOGY,  
GENOTOXICITY**

**PUBLICATION:-**

**Ashim kumar Basak,Tridip Chatterjee,Ujanie Ghosh Moulick,Rudranath Banerjee “Induction of Chromosomal Aberrations and associated developmental Inhibitions In *Drosophila melanogaster* by hydroxyurea”journel: international journal of pharma sciences and Research(IJPSR ,2017)**

**RESEARCH EXPERIENCE:-**

**M.SC PROJECT1:- “TO STUDY THE CORRELATION BETWEEN VITAMIN D DEFICIENCY (IRON DEFICIENT ANEAMICS)WITH IRON OVERLOAD BETA THALASSEMIC”(SPECIAL PAPER:- HUMAN MOLECULAR GENETICS)**

**Supervisor : Dr.Sudipa Chakravarty ,Mr.Anirban Sur Roy Chowdhury(INSTITUTE OF GENETIC ENGINNERING INDIA)**

**M.SC (BIOINFORMATICS PROJECT 2) :- SPINAL MUSCULAR ATROPHY ON BIOINFORMATICS APPROACH**

**Supervisor:-Mr.kamalesh Roy**

**B.SC PROJECT :**

**“Adverse effect of high Doses of aqueous Green tea extract on the development of *Drosophila melanogaster*”.**

**Supervisor:Dr.Ashim kumar Basak (INSTITUTE OF GENETIC ENGINNERING,INDIA)**

**WORK Experience:-**

**During bachelor degree and master degree perform work in a during project time.**

**WET LAB SKILLS:-**

**Molecular Technique:-Isolation of DNA ,Genomic DNA isolation bacteria ,plant ,human.**

**Biophysical technique:-Basic microscopy,Spectrophotometry, Thin layer chromatography,Centrifuge.**

**GENETICS LAB TECHNIQUE: FISH,KARYOTYPE ANALYSIS,METAPHASE ANALYSIS,DRSOPHILA HANDLING,PREPARATION OF DRSOPHILA CULTURE MEDIA ,SALIVARY GLAND DISSECTION FROM POLYTENE CHROMOSOME ,STUDY MORE COMMON GENETIC DISORDER AND KARYOTYPE ANALYSIS.**

**IMMUNOLOGICAL TECHNIQUE:-BLOOD GROUP TESTING,ELISA,IMMUNO ELECTROPHORESIS,OUCHTERLONY DOUBLE IMMUNO DIFFUSION.**

**CELL AND TISSUE CULTURE:-PLANT TISSUE CULTURE,ANIMAL CELL CULTURE.**

**BIOINFORMATICS SKILLS:-Basic Bioinformatics skills such as BLAST,CLUSTAL W,UCSC genome browser,FASTA**

**Operating system:windows**

**Hobbies: singing,playing,Reading etc.**

**Reference:**

**Associate prof Dr.Ashim kumar Basak(BSC Project Supervisor)**

**Course faculty,Head of the Dept of Molecular Biology**

**Institute of Genetic Engineering**

**Maulana Abul kalam Azad University of Technology,India**

**Email id:ak\_basak@yahoo.co.in**

**Associate prof Dr.Sudipa Chakravarty(MSC project Supervisor)**

**Course faculty Head of the Dept of Genetics**

**Institute of Genetic Engineering**

**Maulana Abul kalam Azad University of Technology,India.**

**Declaration:**

**I hereby declare that all my information furnished above is true and correct to the best of my knowledge.**

**Rudranath Banerjee**

