

CHANDRA MOULI DAS

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A resourceful, versatile and team oriented professional offering demonstrated success in biotechnology and non-clinical toxicology. Seeking new and exciting opportunity to leverage academic background- including master degree in biotechnology to contribute knowledge in project management and toxicology. Accustomed to working in fast-paced, challenging environments while performing full testing of assigned material or project within standard time and minimum guidance.

Possesses in-depth knowledge of OECD, GLP principles, policies and ethical standards complemented by sound theoretical and technical knowledge of dosing procedure of animals. Characterized as a self-starter and complex problem solver who employs valuable leadership and communication techniques when working with other toxicologists, scientists and leaders.

PROFESSIONAL EXPERIENCE:

➤ Krish Biotech Research Private Limited:

Period	Position	Job Role
Oct 2019 – Dec 2020	Research Officer	Department: Toxicology Responsibilities: Study Personnel • Handling of Rodent and Non -Rodent species. • Dose formulation preparation. • Administration of dose formulation (oral, dermal and intradermal) in acute toxicity studies. • Recording of clinical signs as per the study protocol and in house SOP in accordance with OECD principle of GLP. • 5 Pack studies (acute oral, acute dermal, dermal irritation, eye irritation, skin sensitization). • Sub-acute and chronic toxicity studies (90-day oral, 28-day oral ,28 days dermal, 180 days oral). • Preformation of other study related documentation as instructed by Study director in accordance with OECD principle of GLP. • Planning and distribution of incoming projects to respective study director. • Compilation of monthly status of studies. • Routine follow-up of allotted studies. • Coordinating with the study director for sponsor queries and comments. • Communicating with sponsor and QAU. Necropsy: Blood collection, Organ Weighing Guidelines Known: • OECD Test No.: 423(Acute oral) • OECD Test No.: 402(Acute dermal) • OECD Test No.: 404(Acute Dermal irritation) • OECD Test No.: 405(Acute eye irritation) • OECD Test No.: 406(Skin sensitization) • OECD Test No.: 407(28-day Oral) • OECD Test No.: 408(90-day Oral) • OECD Test No.: 410(28-day dermal)

➤ **GCC Biotech Private Limited:**

Period	Position	Job Role
Dec 2020 – Till Now	Research Assistant	Department: Cancer Biology Responsibilities: • Daily reporting of the experimental outcomes. • Maintaining records and inventory of the lab reagents and chemicals. • Organizing training of freshers for laboratory techniques involved in the projects. • Preparation of PowerPoint presentations of the ongoing project status. • Calibration and maintenance of the laboratory instruments involved. • Preparation of SOPs. • Maintaining records of the storage of tissues and cells involved in the project. • Regular involvement in team meeting for problems and status discussion. Technical expertise: • Experienced with RNA handling, isolation from cell line and cDNA preparation. • Performed various assays including DNA cloning, Bacterial transformation, Digestion, Ligation, polymerase chain reaction (PCR) operation, Arms PCR, Gel electrophoresis, q-PCR, RT-PCR. • Performed blue white screening, DNA Purification. • Experienced with Genomic, plasmid DNA isolation, Mutations, Site Directed Mutagenesis (SDM). • RNA and DNA isolation from cell line, blood tissue, plant. • Bacterial culture, plating and streaking • Gene synthesis. • Primer designing. • SDS PAGE. • Enzyme-Linked Immunoassay (ELISA). • Protein expression.

EDUCATIONAL QUALIFICATION:

S. No	Exam Passed	School/College	Name of Board / University	Subjects	Year of Passing	% Of Marks /CGPA	Total
1	10 th	Kendriya Vidyalaya, Andal	CBSE	Science, social sci, Eng ,Hindi, Math	2011	CGPA	8.0
2	12 th	Kendriya Vidyalaya, Andal	CBSE	Phy, Chem, Bio, phy Education, Eng Hindi	2013	Percentage	76.50
3	Graduation	Asansol Girls College	The University of Burdwan	Zoology (H) Botany & Chemistry	2016	Percentage	53.80
4	Post-Graduation	Oriental Institute Of Science and Technology (OIST)	Vidyasagar University	Biotechnology	2018	CGPA	7.71

PROJECTS:

SUMMER INTERNSHIP PROJECT 2018:

Tissue culture investigation of Strawberry plant (*Fragaria ananassa* Duch) with a view to their genetic diversity study in under Dr. Subhash Kanti Roy (Associate Professor) Department of Biotechnology Oriental Institute of Science and Technology (OIST) West Bengal.

CERTIFICATE AND COURSE:

- Online industrial training programme conducted by TRICHINOPOLY. I titled 'Repeat dose Toxicity studies.
- 'GLP Implementation Process' organized by pacific toxicology consulting in association with ABCD International.

FIELD BASED STUDY PROJECT WORK 2016:

Studies on Ethological behavior of Spotted Deer (*Axis axis*) and four- horned antelope (*Tetracerus quadricornis*) under Smt. Shrabani Barun (Associate Professor), Department of Zoology, Asansol Girls college West Bengal

ENTREPRENEURSHIP AWARENESS CAMP (EAC):

Entrepreneurship Awareness Camp (EAC) Organized by Oriental Institute of Science and Technology and sponsored by Department of Higher Education, Science & Technology and Biotechnology (DHESTBT) West Bengal.

PERSONAL DETAILS:

Date of Birth	:	29th Nov 1995
Permanent Address	:	Ramkrishna Pally, High School Para, Andal Post-Andal,
	:	Dist- Paschim Bardhaman, PIN- 713321
Marital Status	:	Unmarried
Father's Name	:	Swapan Kumar Das
Language Proficiency	:	English, Hindi, Bengali
Hobbies	:	Painting
Place: Kolkata		

Date: 20th Nov 2021

Signature:

