

## Present CV



**Name:** Dr. Tanaya Das  
**Academic Qualification:** Ph.D  
**Teaching Experience:** 9 yrs (From 2012)  
**Specialization:** Biochemistry  
**ORCID ID:** <https://orcid.org/0000-0002-8995-3128>

### Courses Taught:

Biochemistry, Microbiology, Molecular Biology, Cell Biology, Bio analytical techniques, Immunology, Recombinant Genetic Engineering, Clinical Biochemistry, Animal physiology, Genetics, Ecology, Environmental Microbiology, Food Microbiology, Biotechnology, Bio processing, Forensic Science

### Areas of Research Interest:

Cancer Biology, Toxin (snake venom), Protein Purification, Animal Tissue Culture, Microbiology, Biotechnology, Environment Microbiology

### Major Publications:

1. **Das T**, Bhattacharyya A. 2020. Metabolism- the cornerstone of homeostasis and its correlation with disease. International Journal of Research and Analytical Review. 2020. 7(4): 769-789.E-ISSN -2348-1269, P-ISSN 2349-5138
2. Giri B, Dey S, **Das T**, Sarkar M, Banerjee J, Dash S.K (2018). Chronic hyperglycemia mediated physiological alteration and metabolic distortion leads to organ dysfunction, infection, cancer progression and other pathophysiological consequences: An update on glucose toxicity. Biomedicine & Pharmacotherapy. 107: 306–328. ISSN- 0753-3322 (print); 1950-6007 (web)
3. **Das T**, Bhattacharya S, Halder B, Biswas A, Das Gupta S, Gomes A, Gomes A.(2011.) Cytotoxic and antioxidant property of a purified fraction (NN-32) of Indian *Naja naja* venom on Ehrlich ascites carcinoma in BALB/c mice. Toxicon. 57: 1065-1072. ISSN- 0041-0101
4. **Das T**, Bhattacharya S, Biswas A, Das Gupta S, Gomes A, Gomes A.(2013). Inhibition of leukemic U937 cell growth by induction of apoptosis, cell cycle arrest and suppression of VEGF, MMP-2 and MMP-9

activities by cytotoxin protein NN-32 purified from Indian spectacled cobra (*Naja naja*) venom. *Toxicon*. 65: 1-4. ISSN- 0041-0101

5. Bhattacharya S, **Das T**, Biswas A, Gomes A, Gomes A, Dungdung S.R. (2013). A cytotoxic protein (BF-CT1) purified from Bungarus fasciatus venom acts through apoptosis, modulation of PI3K/AKT, MAPKinase pathway and cell cycle regulation. *Toxicon*. 73: 138-150. ISSN- 0041-0101

6. Gomes A, Datta P, **Das T**, Biswas A.K, Gomes A. (2014). Anti arthritic and anti inflammatory activity of a cytotoxic protein NN-32 from Indian spectacle cobra (*Naja naja*) venom in male albino rats. *Toxicon*. 90: 106-110. ISSN- 0041-0101

7. Bharitkar Yogesh P, Bhattacharya S, **Das T**, Roy M, Besra S E, Gomes A, Mondal N B, Banerjee S. (2013). Anti-leukemic activity of sulfonoquinovosyldiacylglyceride (SQDG): a constituent of *Azadirachta indica* leaves. *Med Chem Res*.22: 22-27. ISSN-1054-2523 (Print), 1554-8120 (Online)

8. Gomes A, Bhattacharjee P, Mishra R, Biswas A K, Dasgupta S C, Giri B, Debnath A, Das Gupta S, **Das T**, Gomes A.(2010). Anticancer potential of animal venoms and toxins. *Ind J Exp Biol*. 48:93–103. ISSN 09751009

**Research Projects/Fellowships: ----**

**Special Distinctions / Other Notable Activities:**

1. Qualified **NET- LECTURESHIP, December 2015 (Rank- 008/1031)**

2. Qualified **GATE Examination in 2006**