

NAME: RAJEEV KUNGUR BRAHMA



- **Ph.D. Scholar**
C/O - Dr. R. Doley,
Molecular Toxinology Laboratory,
Department of Molecular Biology and Biotechnology,
Tezpur University, Tezpur - 784 028, Assam, India.

PROJECTS/ TRAINING:

1. M. Sc.

“Molecular cloning and expression of gene encoding proteolytic enzyme from *Paenibacillus tezpurensis sp. nov.*” under the guidance of Dr. Robin Doley, Tezpur University, Tezpur. (Duration of project-6 months)

2. B. Sc.

“Isolation and molecular characterization of a novel virus from muga silkworm *Antherea assamensis*” under the guidance of Dr. Niren Deka, Regional College of Higher Education, Guwahati. (Duration of project-6 months)

SEMINAR/SYMPOSIUM/WORKSHOP PARTICIPATED:

2006: Workshop on “Bioinformatics and its future prospects” organized by Dept. of Botany, Gauhati University, and DOEACC centre Guwahati, Assam.

2011: National workshop on “Protein 3D Structure Modeling” organized by DBT funded – Bioinformatics Infrastructure Facility, Dept. of MBBT, Tezpur University, Assam.

2012: 1. Oral presentation at National Workshop on “Advances in applied microbiology and bioprocess engineering” organized by ONGC-CPBT, Tezpur University, Tezpur.

2. Poster presentation at 2nd Annual Conference of Toxinological Society of India.

2013: Poster presentation at National Seminar on “Recent trends in bioresources management and biodiversity conservation” organized CPEB, Rajiv Gandhi University, Arunachal Pradesh.

2014: The 4th Annual Conference and International Colloquium of Toxinological Society of India organized by Department of Clinical & Experimental Pharmacology, Calcutta School of Tropical Medicine, Kolkata, India.

PUBLICATIONS:

A. Research article(s)

1. Das M, **R K Brahma**, J Purkayastha, 2011, More in our mind than in their mouth? A preliminary inspection inside the oral cavity of two house Geckos: *Hemidactylus frenatus* Schlegel, 1836 and *Hemidactylus aquilonius* McMahan & Zug, 2007: Herpetology Notes, v. 4, p. 303-306
 2. **Brahma,RK**, V Dixit, A K Sangwan, R Doley, 2014, Identification and characterization of *Rhipicephalus (Boophilus) microplus* and *Haemaphysalis bispinosa* ticks (Acari: Ixodidae) of North East India by ITS2 and 16S rDNA sequences and morphological analysis: Exp.Appl.Acarol., v. 62, p. 253-265.
- B. Review article(s)**
1. **Brahma,RK**, R J R McCleary, R M Kini, R Doley, 2015, Venom gland transcriptomics for identifying, cataloging, and characterizing venom proteins in snakes: Toxicon, v. 93, p. 1-10.

SKILLS:

- Computer applications – MS office, Origin
- Molecular cloning and protein purification
- Bioinformatics tools (e.g. Genrunner, DNAMAN, MEGA5, BLAST etc.)

HONORS/AWARDS:

Examination	Month/Year of Examination	Registration no.	Subject
CSIR-UGC NET	December 2009	324392	Life sciences
	December 2012	340135	
GATE	February 2010	BT 4036334	Biotechnology
DBT-JRF	April 2010	1012957	Biotechnology

- **Life member of Toxinological Society of India** (Membership no.: TSI/LM/44)
- **Life member of The Indian Science Congress Association** (Membership no.: L23801)

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