

## **BIO DATA**

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### **CAREER OBJECTIVE:**

To work in a challenging environment where I can learn and utilize my potential for the sake of organizational as well as personal growth.

### **ACADEMIC QUALIFICATION:**

Course	College	Board/University	Passing year	%age
10 <sup>th</sup>	Govt. Gurdon H.S. School, Nalbari, Assam	Board of Secondary Education, Assam	2002	75.83
12 <sup>th</sup>	Nalbari college	Assam Higher Secondary Education Council	2005	67.40
B.Sc. zoology	B.Borooh college, Guwahati	Gauhati University	2008	59.30
M.Sc. Biotechnology	St. Anthony's college, Shillong, Meghalaya	North Eastern Hill University	2010	66.97
M.Tech Biotechnology	GUIST	Gauhati University	2018	91.7
Post graduate Diploma in Computer Application (PGDCA)	Global infotech	N/A	2015	Grade-A
Post Graduate Diploma in Turkish Language (PGDTL)	Gauhati University	Gauhati University	2019	79.83

### **EXTRA CURRICULAR:**

- ❖ Co-ordinated events organized in colleges during B.Sc. and M.Sc.
- ❖ Participated in the 96<sup>th</sup> Indian Science Congress held at North Eastern Hill University, Shillong, from January 3 to 7, 2009.
- ❖ Participated in different workshop related to the field of modern Biotechnology.

### **OTHER ACHIEVEMENTS:**

Exam name and year: GATE 2011  
Reg. No. : BT4023046  
Marks obtained : 48.76 out of 100  
GATE score : 393  
All India Rank : 1204

### **PERSONAL INFORMATION:**

Date of Birth : 1<sup>st</sup> Sept 1986  
Marital status : Married  
Gender : Male  
Nationality : Indian  
Language known: Assamese, Hindi, English, Bengali, Turkish (Read & Write)

Name of the post held	Name of the Institution	Length of services	Temporary /permanent /adhocetc	Nature of duties	Remarks if any
Research scholar	Department of Biological Science, IST, Gauhati University	10 months 09 days	Temporary	To perform routine laboratory works	from 01/03/2011 to 10/01/2012
Junior Research Fellow	Department of Microbiology, College of Veterinary Science, Assam Agricultural University, Khanapara, Guwahati	2 year 2 months	Temporary	To perform molecular detection of Influenza virus in Yak from nasal swab	from 10 <sup>th</sup> January 2012 to 31 <sup>st</sup> March 2014
Project Assistant	Department of Bioengineering and Technology, GUIST, Gauhati University	2 year 01 months	Temporary	To perform expression analysis of IL-10 in HCV positive patients	From 05/08/2014 to 19/03/2016
Research Scientist B	Department of Bioengineering and Technology, GUIST, Gauhati University	3 years 11 months <b>(Ending on 20<sup>th</sup> September 2022)</b>	Temporary	To perform molecular detection of Hepatitis virus among viral hepatitis virus along with their characterization in collaboration with ICMR	from 13/10/2018 to till date <b>(Ending on 20<sup>th</sup> September 2022)</b>

#### **PAPERS PUBLISHED IN INTERNATIONAL JOURNAL:**

- **Kalita, M.J.**, Dutta, K., Hazarika, G. *et al.* In-house reverse transcriptase polymerase chain reaction for detection of SARS-CoV-2 with increased sensitivity. **Scientific Reports** 11, 17878 (2021), <https://doi.org/10.1038/s41598-021-97502-1>
- EyashinAli, **Manash Jyoti Kalita**, SimantaKalita, JayasreeTalukdar, Ankur JyotiDeka, JasminSultana, Bikash NarayanChoudhury, Munindra NarayanBaruah,SubhashMedhi, Up regulation of anaphase promoting complex (APC) 7 as a prognostic marker for oesophageal squamous cell carcinoma: A hospital based study, **Heliyon**, Volume 8, Issue 6, June 2022, e09722. <https://doi.org/10.1016/j.heliyon.2022.e09722>.
- Barooah P, Saikia S, **Kalita MJ**, Bharadwaj R, Sarmah P, Bhattacharyya M, Goswami B, Medhi S. *IL-10* Polymorphisms and Haplotypes Predict Susceptibility to Hepatocellular Carcinoma Occurrence in Patients with Hepatitis C Virus Infection from Northeast India. **Viral Immunology**. 2020 Jul/Aug; 33(6):457-467. doi: 10.1089/vim.2019.0170. Epub 2020 Apr 29. PMID: 32352886.
- Malik, A., Barooah, P., Saikia, S., Kalita, S., **Kalita, M.J.**, Das, P.P., Bharali, P., Sarma, M.P., Sarmah, P., Bhattacharyya, M. and Kar, P., 2022. Circulating microRNA-122 as a potential biomarker for Hepatitis C Virus-Induced Hepatocellular Carcinoma, **International Journal of Cancer Management** 2022, Vol.15, issue 11; e131221, DOI: <https://doi.org/10.5812/ijcm-131221>.

- Partha Pratim Das, **Manash Jyoti Kalita**, Anjan Jyoti Talukdar, Faraz Mohd Khan, Kalpajit Dutta, Simanta Kalita, Nabajyoti Goswami, Gautam Hazarika, Gourinath Samudrala, Mohammed Ghaznavi Idris, Sangit Dutta, Subhash Medhi; *Evaluation and analysis of novel germline variants in ethanol metabolism pathway genes predisposition to liver disease*; **Gene**, Volume 873, 15 July 2023, 147451, <https://doi.org/10.1016/j.gene.2023.147451>.
- Hazarika Gautam, Anjan Rajkonwar, **Kalita Manash Jyoti**, Kalita Simanta, Das Partha Pratim, Dutta Kalpajit, Ghaznavi Idris, Vinotsale Khamo, Giriraj Kusre Subhash, Medhi; *Association of BCR-ABL transcript variants with different blood parameters and demographic Characteristics of chronic myeloid leukemia patients in a tertiary care center of North-East India*. 13-31, (2023). **International Journal of Scientific Research and Reviews**;
- Simanta Kalita, **Manash Jyoti Kalita**, Gautam Hazarika, Partha Pratim Das, Kalpajit Dutta, Tanya Rudola, Panchanan Das, Anjan Jyoti Talukdar, Sangitanjan Dutta, Md. Ghaznavi Idris, Premashis Kar, Subhash Medhi\*; *Altered expression of endosomal Toll like receptors and HbeAg seropositivity may act synergistically towards vertical transmission of HBV*, **American Journal of Reproductive Immunology**, DOI: 10.1111/aji.13747. (Accepted for Publication on dtd: 26.06.2023).
- **Kalita MJ**, Adhyapak S, Kalita S, Rudola T, Hazarika G, Das PP, Dutta K, Ali E, Das E, Idris MG, Talukdar AJ. Association of Vitamin-D Receptor (Vdr), Gc-globulin and Cyp2r1 Polymorphism With Progression of HBV Related Liver Disease Along with an exclusive SVM based disease prediction model. (Under review at **Hepatitis Monthly**)

#### **FIELD EXPERIENCE & WORKSHOP ATTENDED:**

- Went to NRC Mithun, Nagaland and NRC Yak, Arunachal Pradesh for collection of samples from Yak & Mithun.
- Went to different places within Assam for collection of blood sample from livestock.
- Attend vaccination camps at various places organised by Department of Microbiology, College of Veterinary Science, Khanapara during the project period.
- Attend the workshop on IPR & ETHICS ON HUMAN RESEARCH, organised by ASTEC, in Collaboration with GAUHATI UNIVERSITY held at Gauhati university on September 14, 2016
- Attend the Training –cum-Workshop on BIOLOGICAL DATA ANALYSIS USING ‘R’ PACKAGE, organised by CSIR-NEIST, JORHAT on January 5-6, 2017
- Attended SERITECH-2017 organised by Centre for the Environment, IIT-Guwahati on January 24, 2017
- Attend the seminar on ENTREPRENEURIAL OPPORTUNITIES IN BIOTECHNOLOGY, organised by Guwahati Biotech Park which held at IIE ON March 10, 2017
- Attend the Workshop on NGS organised by Genomic Analysis and Technology Conference (GATC) in association with GUIST, Gauhati University on January 7-13, 2018
- Attend workshop on DYNAMIC LIGHT SCATTERING TECHNOLOGY & RHEOLOGY AND ITS INTERLINKING organised by GUSIT, GU on January 18, 2018

- Attend the Workshop on ANIMAL CELL CULTURE AND MOLECULAR TYPING OF MICROBES organised by Advanced State Biotech Hub,C.V.Sc AAU,Khanapara on February 12-16,2018
- Attend the Workshop on HANDS ON STATE OF THE ART MULTICOLOUR FLOW CYTOMETRY WORKSHOP FOR BASIC AND CLINICAL APPLICATIONS, organised by RMRC-Dibrugarh on 18-20 July 2018

**HOBBIES:** Listening to music, Reading, surfing on internet.

Date:  
Place: Guwahati, Assam

Manash Jyoti Kalita