

Naba Kumar Deka
C/o : Dr. Probodh Borah
Coordinator, State Biotech Hub.
HoD, Dept of Animal Biotechnology
College of Veterinary Science, AAU
Khanapara, Guwahati-781022

Mobile: 9085388817 / 7002091602
E mail : nabaassam@gmail.com
naba_assam@yahoo.com



COMPETATIVE EXAM

1. Cleared GATE in Biotechnology in 2016.
2. Cleared GU RET in Biotechnology in 2016.

CONFERENCES ATTENDED

1. Attended **Bio Rujivith 2007** (26th, 27th March 2007) National Symposium on **Life Sciences** organized by Garden City College.
2. Attended National Conference On **Health Care Biotechnology** (20th, 21st April 2007) at J.N. Tata auditorium organized by Innovative Centre for Biosciences.
3. Attended **Jnanarjana-2007** (22nd-23rd March 2007), National Symposium on **Breakthrough in Molecular Diagnostics** organized by the Oxford College of Life Sciences.
4. Attended national conference on **Computational biology, bio informatics and life sciences** organized by Maharani Lakshmi Ammanni College for women.

ABSTRACT & ARTICLES

1. Abstract published in the National Symposium on Buffalo for Sustainable Food Security and Indian Society for Buffalo Development held on 15th and 16th March, 2013 on “**Molecular Characterization of Enterohaemorrhagic and Enteropathogenic *Escherichia coli* from Swamp Buffalo (*Bubalus bubalis*)**”
L.M. Barkalita , R.K. Sharma, P. Borah, M. Choudhury, **N.K. Deka** and I. Hussain.
2. **Isolation and characterization of *Clostridium difficile* from pet dogs in Assam, India.**
I. Hussain, R.K. Sharma, P. Borah, S. Rajkhowa, I. Hussain, L.M. Barkalita, D. Hasin, M. Chaudhury, M. Rupnik, **N.K. Deka** and G.K. Saikia.
(Journal name- Anaerobe, Publication house- ELSEVIER, Status- Published)
3. **Molecular characteristics of *Clostridium difficile* isolates from human and animals in the North Eastern region of India**
Isfaqul Hussain, P. Borah, R.K. Sharma, S. Rajkhowa, M. Rupnik, D.P. Saikia, D. Hasin, Iftikar Hussain, **N.K. Deka**, L.M. Barkalita, Y. Nishikawa, T. Ramamurthy
(Journal name-MCP, Publication house- ELSEVIER, Status- Published)
4. Abstract published in the souvenir cum compendium of “ Global symposium on Animal Health: Newer technologies and their applications” on “**Virulence gene profiling and antibiotic resistance pattern of *Salmonella* isolates from diverse sources of North- east India.**”
M. Choudhury, P. Borah, L. Barkalita, L. Das, D. Malakar, S. Kalita, A. Purkayastha, P. Gogoi, G. Hazarika, **N. Deka** and I. Hussain.

5. A novel multiplex-PCR assay for the detection of some major virulence genes of *Salmonella enterica* serovars from diverse sources

Mridusmita Choudhury, Probodh Borah, Hridip Kumar Sarma, Luit Moni Barkalita, **Naba Kumar Deka**, Isfaqul Hussain and Md. Iftikar Hussain

(Journal name- Current Science, Publication house- Indian Academy of Science, Status- Published)

6. Detection and Genotypic Characterisation of Rotavirus from Piglets and In-Contact Children of Assam, a North-Eastern State of India

Shahnaj P. Ahmed, Durlav P. Bora, Razibuddin A. Hazarika, Shantanu Tamuly, **Naba K. Deka**, Anamika Gogoi and Yashpal S. Malik

(Journal name-Journal of Immunology and Immunopathology. Status- Published)

7. BACTEC 460 TB system and PCR: A comparative study of detection of extra pulmonary tuberculosis (EPTB) for diagnostic purpose with respect to age groups.

Naba Kumar Deka, Prashant Shukla, Archana Singh, Probodh Borah

(Journal name- Indian journal of Biotechnology, Publication house- niscair, Status- submitted)

TRAINING & WORKSHOP PARTICIPATED

1. Completed **one** month summer training from “**Bhopal Memorial Hospital and Research Centre, Bhopal**” on cell & molecular biotechnological techniques. Techniques learnt mainly
2. Participated in the five days hands-on training on “**RNAi technology and Gene Silencing**” organized by the DBT supported SBT Hub, College of Veterinary Science, Assam, from 22nd to 26th March, 2013.
3. Did an on job training on bioinformatics from “**JIVAS**”, Bangalore
4. Participated in the 6days training “**Pulse Field Gel Electrophoresis (PFGE) & its applications**” organized by SBT Hub, Assam & Sponsored by Dept. of Biotechnology, GoI.
5. Selected and Successfully completed 3 days workshop on “**Advanced Techniques in cell & molecular biology**” conducted by Dept of Biotechnology, Indian Institute of Technology, Guwahati & supported by Dept. of Biotechnology, GoI . Basic knowledge acquired mainly on
6. Participated in the 2 days workshop on “**Capacity building in effective management of intellectual property rights (IPR) in biotechnology by universities and research Institutes in Assam**” jointly conducted by BCIL and Department of Biotechnology, Govt. of India.
7. Completed 6 days training on “**Gene cloning and expression**” conducted by Department of Animal Biotechnology, CVSc, Khanapara, Assam.
8. Completed 8 days workshop at Dept of Biotech, Mizoram University on “**Microbial Genomics and Informatics**” targeting Next Gen Sequencing analysis with Illumina platform.
9. Participated in the 4 days training on “**Biomolecular Structures, X-ray crystallography and CADD**” organized by BIF Centre, CVSc, Guwahati.

TRAINING & OUTREACH PROGRAMMES CONDUCTED

1. Acted as “Resource Person” in 3 days hands on training on “**Common techniques in Biotechnology**” organized by B. P Chaliha College, Nagarbera, Assam & sponsored by Dept. of Biotechnology, Govt. of India .

2. Acted as “Expert” in 2 days long “Biological Laboratory Orientation Programme” at ADP College, Nagaon.
3. Acted as “Expert” in 5 days long hands on training on “Molecular Biology and Bioinformatics” at ADP College, Nagaon
4. Acted as “Resource Person” in 3 days hands on training on “ **Basic Techniques in Molecular Biology**” organized by Goalpara College, Goalpara, Assam & sponsored by Dept. of Biotechnology, Govt. of India .
5. Acted as an instructor in the 3 days hands on training “**PCR based molecular techniques in biological research**” conducted by SBT Hub, Assam & Sponsored by Dept. of Biotechnology, Govt. of India.
6. Acted as an instructor in the 4 days hands on training on “**Advanced techniques in molecular biology & their applications**” organized by SBT Hub, Assam & sponsored by Dept. of Biotechnology, Govt. of India .
7. Acted as an instructor in the day long outreach programme “Science through experiential learning” in the Jawaharlal Nehru College, Boko, Kamrup, Assam.
8. Acted as an instructor in the 4 days hands on training on “ **Mammalian cell culture and microbial diversity of microbes**” organized by SBT Hub, Assam & sponsored by Dept. of Biotechnology, Govt. of India.
9. Acted as an instructor in the 5 days hands on training on “ **Nucleic acid based amplification techniques in life science research**” organized by SBT Hub, Assam & sponsored by Dept. of Biotechnology, Govt. of India .

ACADEMIC PROJECT

“**Isolation of *Pseudomonas aeruginosa* and its application in biogas production**” from Centre of Energy, Indian Institute of Technology, Guwahati under Dr. Pinakeswar Mahanta.

WORK EXPERIENCE

1. Selected and successfully completed 6 months **BCIL** industrial training (2010-11) sponsored by DBT. Govt. of India .
2. Worked as **Marketing Executive** in “Genaxy Scientific Pvt Ltd” for the NE Region for 4 months.
3. Worked as **Technical Assistant** in DBT sponsored State Biotech Hub, Assam in CVSc, Khanapara, Guwahati from April, 2012 to March 2014.
4. Working as **Senior Research Fellow** in DBT sponsored State Biotech Hub, Assam since March 2014.