

Curriculum Vitae

Name: Dr. (Mrs) PURABI DEKA BOSE

Address for correspondence: C/o: Dr. N K Bose, Gandhinagar, Satgaon, P.O.-Udayan Vihar, Guwahati-781171, Dist: Kamrup, Assam, India
Ph: 08876050090 (m), 0361-2641243(R)
Email: deka.purabi@gmail.com

Gender: Female
Status: Married

Date of Birth: 01-03-1979
Category: General

Age: 36 years
Nationality: Indian

Present Designation: Assistant Professor, Department of Molecular Biology and Biotechnology, Cotton College State University, Assam- 781001

Academic qualification (from Bachelor's degree onwards)

Degree	Subject	University/ Institution	Year	%age of marks & Class/ Grade
B.Sc.	Zoology (Major), Chem, Bot, Eng	Handique Girls' College, Guwahati	2000	65.55%, 1 st class (16 th rank)
M. Sc.	Biotechnology	Gauhati University	2002	72.42%, 1 st class (Gold medallist)
NET (LS)	Life sciences	CSIR-UGC	2003, 2004	NA
GATE	Life Sciences	MHRD	2004	93.76 PC
PhD	Faculty of Medical Sciences, Delhi University	Delhi University, New Delhi	2011	NA

Any other qualifications:

1. Sangeet Vishard (Vocal)
2. Certificate course in Basic computer learning

Positions held:

Institution Place	Position	From (Date)	To (date)
Cotton College State University, Guwahati	Assistant Professor	18-11-2015	Till date
Pandu College, Guwahati	Assistant Professor (<i>Adhoc</i>)	31-10-2011	17-11-2015
Gauhati University, Guwahati, Assam	Contractual guest faculty	01-02-2011	31-10-2012
LNJP hospital, MAMC, New Delhi	ICMR-SRF	1-11-2008	20-12-2009
LNJP hospital, MAMC, New Delhi	ICMR-SRF	1-09-2005	31-08-2008
IIT Guwahai, Assam	DBT-JRF	01-12-2004	25-08-2005

Teaching Experience: 4 yrs at UG level (in *Adhoc* position at Pandu College), 11 months at PG level (contractual position at Gauhati University)

Research Experience: 3 years 8 months (excl the period of PhD)

Area of specialization: Molecular Virology, Immunology and Molecular genetics.

List of publication in indexed journals:

1: Tiwari D, **Bose PD**, Das S, Das CR, Datta R, Bose S. MTHFR (C677T) polymorphism and PR (PROGINS) mutation as genetic factors for preterm delivery, fetal death and low birth weight: A Northeast Indian population based study. *MetaGene*. 2015 Jan 31; 3: 31-42. doi: 10.1016/j.mgene.2014.12.002. eCollection 2015 Feb. PubMed PMID: 25709895; PMCID: PMC4329826.

2: **Bose PD**, Das BC, Hazam RK, Kumar A, Medhi S, Kar P. Evidence of extrahepatic replication of hepatitis E virus in human placenta. *J Gen Virol*. 2014 Jun; 95(Pt6):1266-71. doi: 10.1099/vir.0.063602-0. Epub 2014 Mar 12. PubMed PMID: 24622580. **(Impact factor: 3.183)**

3: Goel V, **Bose PD**, Sarma MP, Hazam RK, Das BC, Gondal R, Kar P. Chemokine receptor 5 (CCR5) polymorphism in chronic hepatitis B patients treated with three different nucleos(t)ide analogues. *Indian J Med Res*. 2013 Jun; 137(6):1208-9. PubMed PMID: 23852305; PubMed Central PMCID: PMC3734729. **(Impact factor: 1.396)**

4: **Bose PD**, Sarma MP, Medhi S, Das BC, Husain SA, Kar P. Role of polymorphic N-acetyl transferase2 and cytochrome P4502E1 gene in antituberculosis treatment-induced hepatitis. *J Gastroenterol Hepatol*. 2011 Feb; 26(2):312-8. doi: 10.1111/j.1440-1746.2010.06355.x. PubMed PMID: 21261721. **(Impact factor: 3.504)**

5: **Bose PD**, Das BC, Kumar A, Gondal R, Kumar D, Kar P. High viral load and deregulation of the progesterone receptor signaling pathway: association with hepatitis E-related poor pregnancy outcome. *J Hepatol*. 2011 Jun; 54(6):1107-13. doi: 10.1016/j.jhep.2010.08.037. Epub 2010 Nov 13. PubMed PMID: 21145845. **(Impact factor: 11.336)**

6: Deka M, Bose M, Baruah B, **Bose PD**, Medhi S, Bose S, Saikia A, Kar P. Role of CYP2E1 gene polymorphisms association with hepatitis risk in Northeast India. *World J Gastroenterol*. 2010 Oct 14; 16(38):4800-8. PubMed PMID: 20939108; PubMed Central PMCID: PMC2955249. **(Impact factor: 2.369)**

7: Medhi S, Deka M, **Deka P**, Swargiary SS, Hazam RK, Sharma MP, Gumma PK, Asim M, Kar P. Promoter region polymorphism & expression profile of toll like receptor-3 (TLR-3) gene in chronic hepatitis C virus (HCV) patients from India. *Indian J Med Res*. 2011 Aug; 134:200-7. PubMed PMID: 21911973; PubMed Central PMCID: PMC3181021. **(Impact factor: 1.396)**

8: Medhi S, Potukuchi SK, Polipalli SK, Swargiary SS, **Deka P**, Chaudhary A, Begum N, Hussain Z, Ahlawat RS, Kar P. Diagnostic utility of hepatitis C virus core antigen in hemodialysis patients. *Clin Biochem*. 2008 May; 41(7-8):447-52. doi: 10.1016/j.clinbiochem.2007.12.024. Epub 2008 Jan 11. PubMed PMID: 18267117. **(Impact factor: 2.229)**

9. Das CR, Deka M, Bose S, **Bose PD**, Das GC. Demographic profile of Cervical Cancer development: a hospital based study. *International Journal of Medical Research and Review*. July-August, 2014. Vol 2 (4): 333-339. **(Impact factor: 2.921)**

10. Purabi Deka and MC Kalita (2005). Invitro clonal propagation and oragnogenesis in *Spilanthes scmella* (L) Murray. A herbal pesticidal plant of Northeast India. *Plant Biochemistry and Biotechnology*. Vol 14:69-71. **(Impact factor: 1.094)**

Total Impact factor: 29.428

Total citation index: 91

Other publications:

- One research paper in a conference proceeding with ISBN number.
- Two general scientific newspaper articles in Assamese dailies.
- Edited a conference proceeding book with ISBN no:978-81-922432-4-5

Lectures/Colloquiums/Presentation at Institutes/Conferences/Symposia/Workshops:

Title/Academic Session/Subject	Organizing Institution (with City and Country)	Type of Conference/Seminar/Workshop (National/International)	Date of lecture
<i>Role of genetic alteration in MTHFR gene and homocysteine levels as critical factors influencing HEV related pregnancy outcome/ Oral presentation/ EASL International Liver Congress, 2012</i>	European association for the study of the liver Barcelona, Spain)	International	20-04-12
<i>Role of PIBF and altered cytokine profile in HEV related pregnancy outcome/Poster/ Conference of APASL, 2011</i>	Asian Pacific Association for the Study of the liver (Bangkok, Thailand)	International	18-02-11
<i>Role of INOS/NO, NFKB ABD WNT Beta catenin pathway deregulation in ALD-Cirrhosis in NE India /Poster/ EASL monothematic Conference on Alcoholic Liver Disease, 2010</i>	European association for the study of the liver (Athens, Greece)	International	21/10/10
<i>Association of progesterone receptor gene with hepatitis E disease severity in pregnancy/Poster/ Conference of APASL, 2009</i>	APASL (Hong Kong, China)	International	15/02/09
<i>TNF alpha level are critical in the pathogenesis of HPV-16 infection related cervical neoplasia/ Poster/ International Conference on Biotechnology and Bioinformatics, ICBB-2015</i>	International Conference on Biotechnology and Bioinformatics, ICBB (Pune, India)	International	7/02/15
<i>Deregulation of Progesterone receptor signalling pathway and association with hepatitis E related poor pregnancy outcome/Plenary session/ISGCON, 2010</i>	Indian Society of Gastroenterology, ISG (Hyderabad, India)	National	24/11/10
<i>Poor pregnancy outcome in hepatitis E and association of Prognis; a haplotype of PR / poster/APDW2008</i>	Asia Pacific digestive week 2008, New Delhi, India	International	14-09-08
<i>Evaluation of N-acetyltransferase2 and cytochrome450 2E1 polymorphism as possible risk factor for anti-tuberculosis drug induced hepatitis/ young investigator award session/ISGCON2007</i>	Indian Society of Gastroenterology, Bangalore, India	National	17-11-07
<i>Retrospective study of acute viral hepatitis in Delhi: a hospital based study/poster/ INASL 2008</i>	Indian National Association for study of liver, 2008, New Delhi, India	National	2008
<i>Poster/INASL, 2009</i>	Indian National Association for study of liver, 2009, New Delhi, India	National	28-03-09
<i>Role of N-acetyltransferase2 gene polymorphism as susceptible risk factor of anti-tuberculosis drug induced hepatitis/poster/ISGCON, 2006</i>	Indian Society of Gastroenterology, 2006, Mumbai, India	National	10-11-2006
<i>Invitro clonal propagation and organo-genesis in Spilanthes acmella (L)/ poster/ National seminar on Medicinal plant in NE region, 2004</i>	National medicinal plant board, Ministry of Health and FW, Govt. of India,	National	8-10-2004

	2004		
<i>Human papilloma virus as the principal aetiological agent for the development of cervical cancer/oral/Annual general meeting and conference, Zoological society of Assam</i>	Zoological society of Assam, Nalbari, Assam, India	Regional	18-01-2004

Overseas visits:

Name of the place	Country	Duration of the visit with dates	Purpose
Barcelona	Spain	19.04.2012 to 22.04.2012	Oral presentation in the International Liver Congress, 2012 by EASL
Bangkok	Thailand	17.02.2011 to 20.02.2011	Poster presentation in the conference of the APASL, 2011
Athens	Greece	10.12.2010 to 12.12.2010	Poster presentation in the EASL Monothematic Conference on Alcoholic Liver Disease, 2010
Hong Kong	China	13.02.2009 to 16.02.2009	Poster presentation in the conference of APASL, 2009

Awards won:

Agency/Organization which gave the award	Purpose	Nature of the award
European Association for the Study of the Liver	To attend the EASL Congress, 2012 in Barcelona and present paper (oral)	Young Investigator Bursary Award
European Association for the Study of the Liver	To attend the EASL Monothematic Congress, 2010 in Athens and present poster	Young Investigator Bursary Award
Asian Pacific Association for the Study of the Liver	For paper presented at APASL Meeting, 2009 in Hong Kong	Liver Care Foundation Meritorious Award
Indian Society of Gastroenterology	For the 3 rd best presentation of the paper in the Plenary session in ISGCON, 2010; Hyderabad.	Plenary award
Indian Society of Gastroenterology	For the 2 nd best presentation of the paper in the Young Investigator Award session in ISGCON, 2007; Bengaluru.	Young Investigator Award
2 nd International conference on Biotechnology and Bioinformatics	For poster presentation in the conference in ICBB conference held in Pune, Feb, 2015.	Best poster award

Other Honours/Awards:

- **CSIR-UGC NET for Lectureship** (Dec, 2003 and Dec, 2004)
- Graduate Aptitude Test in Engineering (**GATE '04** with 93.76 percentile score).
- North East council (NEC) **scholarship** during post graduation tenure.
- **Summer research fellowship** from **Indian Academy of Sciences, Bangalore** (2003) and selected as summer research fellow in 'Molecular oncology lab' in ICPO (ICMR), New Delhi.
- Awarded 1st prize for the project on "Are we alone in this universe" in Assam Science society 1992 at the district level & represented at the state level for the same.

Particulars of membership in academics/Societies/Professional bodies

- European Association for the studies on liver (EASL)
- Biotech forum, Gauhati University, Guwahati, Assam

Ongoing Research projects:

S. No.	Title of Project	Funding Agency	Amount	Date of sanction and Duration
1	Principal Investigator and Co-ordinator of the project entitled 'Screening of genetic and Immunological factors in human papilloma virus infection induced cervical cancer: a Northeast India based study	DBT, Govt. of India	Total: 81.63 lakhs. At Pandu college: 33.35 lakhs	17-02-2014 to 16-02-2017

Professional responsibilities undertaken:

- **In charge** of the departmental bulletin '**Biotech Vision**' published by the Department of Biotechnology, Pandu College, for last two sessions, 2013-14 and 2014-15.
- **Editor** of the abstract book cum Souvenir of the National Seminar held on May, 2012, sponsored by DBT, Govt of India, in Pandu College.
- **Executive member** of the DBT sponsored workshop on 'Application of Tools and Techniques in Biological Sciences, held in Pandu College, for last 3 sessions, 2011, 2013 and 2014.
- **Executive member** of the DBT sponsored workshop on 'Basic application of Computer and Bioinformatics in Biological Sciences', held in March, 2015 in Pandu College.
- **Rapporteur** of the UGC sponsored National Seminar on 'Role of Civil Societies in Maintaining Socio-Cultural Harmony in the State of Assam' held on 30th September, 2013, in Pandu College.

Place: Guwahati, Assam

Date: 14.12.2015

(Dr. Purabi Deka Bose)