

## CURRICULUM VITAE



### A. Personal Profile

1. Name : MONJUR AHMED LASKAR
2. Sex : MALE
3. Contact address(es)
  - a. Contact : Bioinformatics Centre  
Room No. 201  
First Floor, Life Science Building  
Assam University, Silchar - 788 011, Assam, India
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4. Phone Number(s) : +91-94019-87033 (M), +91-3842-270920 (O)
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6. E-mail : monjur@bioinfoaus.ac.in, talk2monjur@gmail.com
7. Father's Name : Late Alhaj Master Yeasin Ali Laskar
8. Mother's Name : Late Roushonara Begam Laskar
9. Religion : Islam
10. Caste : General
11. Nationality : Indian

### B. Academic Profile

01. Completed Doctorate of Philosophy (Ph.D.) in Life Science & Bioinformatics in October 2015 on the topic "Molecular Mechanism of Action of Some Plant Based Cardioprotective Natural Products: An *in silico* approach" as per UGC Regulations 2009 from Assam University, Silchar.
02. Completed Integrated Pre-Ph.D. (IPP) Course work examination with 70.5 percent marks from Assam University, Silchar in 2010.
03. Completed Masters of Science (M.Sc.) in Bioinformatics with First Division in 2009 from Jamia Millia Islamia, New Delhi.
04. Completed Three Year Advance Diploma in Biotechnology with A Grade in 2006 from Karimganj College (Assam University, Silchar).
05. Completed Bachelor of Science (B.Sc.) in 2006 from Karimganj College, Karimganj (Assam University, Silchar).
06. Completed Higher Secondary (+2) in Science from Karimganj College, Karimganj (AHSEC).
07. Completed High School (10) from Jawahar Navodaya Vidyalaya, Karimganj, Assam (CBSE).

### C. Work Experience

01. Working as **Research Associate** in the Bioinformatics Centre, Assam University, Silchar sponsored by Department of Biotechnology, Govt. of India since July 2014.
02. **Senior Research Fellow (SRF)** under Moulana Azad National Fellowship (MANF) scheme of UGC from 22nd September 2012 to June 2014.
03. **Junior Research Fellow (JRF)** under Moulana Azad National Fellowship (MANF) scheme of UGC from 22nd September 2010 to 21st September 2012.
04. **Research Trainee** in the Bioinformatics Centre, Assam University, Silchar sponsored by Department of Biotechnology, Govt. of India from 24<sup>th</sup> October 2009 to 21<sup>st</sup> September 2010.

### D. Research Publications

#### a) Research Papers

Chetia, P., Nath, S., Mitra, A., Mazumder, K., **Laskar, M.A.**, Choudhury, M.D. and Sharma, G.D. (2011). Introducing BioAnalytica V1.0: A New PERL Based Software for Biological Sequence Analysis. *Assam University Journal of Science and Technology (Physical Sciences and Technology)*. 8(II):80-84. **ISSN - 0975-2773.**

Choudhury, M.D., **Laskar, M.A.**, Choudhury, S. and Chetia, P. (2013). Molecular mechanism of analgesic action of Solanoglycosydane – An *in silico* study. *Asian Journal of Pharmaceutical and Clinical Research*. 6(1):80-82. (Impact factor: 0.7). **ISSN- 0974-2441.**

**Laskar, M.A.**, Choudhury, M.D. and Chetia, P. (2014). *In silico* screening of cardioprotective activity of some flavonols. *International Journal of Pharmacy and Pharmaceutical Sciences*.

6(2):528-531. (IF - 1.59)

**Laskar, M.A.** and Choudhury, M.D. (2014). Resveratrol A Potent Angiotensin Converting Enzyme Inhibitor: A Computational Study in Relevance to Cardioprotective Activity. *Research Journal of Pharmaceutical, Biological and Chemical Sciences*. 5(6): 1109-1115. (IF - 0.35)

**Laskar, M.A.** and Choudhury, M.D. (2014). Angiotensin Converting Enzyme inhibitory potential of Echinostyic acid relevance to Cardiovascular diseases: An in silico study. *Pharmatutor*. 2(12): 107-113. ISSN: 2347 – 7881.

**Laskar, M.A.** and Choudhury, M.D. (2014). Docking and QSAR based screening of some naturally occurring diterpenes as inhibitors of angiotensin converting enzyme (ACE) against cardiovascular diseases. *Journal of Drug Discovery and Therapeutics*. 2(23): 24-31. ISSN: 2320 – 4230.

**Laskar, M.A.** and Choudhury, M.D. (2014). Screening of some triterpenoids isolated from *Terminalia arjuna* as inhibitors of Angiotensin Converting Enzyme to prevent cardiovascular diseases. *Research & Reviews: A Journal of Drug Design & Discovery*. 1(3): 12-19. ISSN: 2349-9036.

**Laskar, M.A.** and Choudhury, M.D. (2015). Computational study on the Angiotensin Converting Enzyme inhibitory potential of the tea polyphenols – catechins: relevance to cardiovascular diseases. *International Journal of Pharmacy and Pharmaceutical Sciences*. 7(1):345:349. (IF - 1.59)

**Laskar, M.A.** and Choudhury, M.D. (2015). In silico screening of some plant based natural products as angiotensin receptor blockers against cardiovascular diseases. *World Journal of Pharmacy and Pharmaceutical Sciences*. 4(1): 1248-1257. (IF - 2.79).

Birson Ingti, **Monjur Ahmed Laskar**, Sudip Choudhury, Anand Prakash Maurya, Deepjyoti Paul, Anupam Das Talukdar, Manabendra Dutta Choudhury, Debadatta Dhar (Chanda), Atanu Chakravarty and Amitabha Bhattacharjee. (2017). Molecular and in silico analysis of a new plasmid-mediated AmpC  $\beta$ -lactamase (CMH-2) in clinical isolates of *Klebsiella pneumoniae*. *Infection, Genetics and Evolution*. 48:34-39. (IF- 2.591).

Supriya Upadhyay, Abbas Hussain, Birson Ingti, **Monjur Ahmed Laskar**, Manabendra Dutta Choudhury, Amitabha Bhattacharjee and Santa Ram Joshi. (2017). Detection of a new class C  $\beta$ -lactamase (CMY- 139) in *Klebsiella pneumoniae* of food origin from India. *Journal of Global Antimicrobial Resistance*. 8:46-47. (IF - 1.087).

Subrata Das, **Monjur A. Laskar**, Satyajit D. Sarker, Manabendra D. Choudhury, Prakash Roy Choudhury, Abhijit Mitra, Shajarahtunnur Jamil, Siti Mariam A. Lathiff, Siti Awanis Abdullah, Norazah Basar, Lutfun Nahar and Anupam D. Talukdar. (2017). Prediction of Anti-Alzheimer's Activity of Flavonoids Targeting Acetylcholinesterase *in silico*. *Phytochemical Analysis*. 28(4):324-331. (IF - 2.292).

Sabina Begam Choudhury, Anupam Das Talukdar, Manabendra Dutta Choudhury, **Monjur Ahmed Laskar** and Abhishek Chowdhury. (2017). *In Silico* Bioactivity Prediction of Methoxime-3, 4-Dephostatins Derivatives on Human Ptp1b: Search for Novel Antidiabetic Leads. *Letters in Drug Design & Discovery*. Accepted. (IF - 1.17).

#### b) Book Chapter

1. Jayashish Mazumdar, **Monjur Ahmed Laskar**, Manabendra Dutta Choudhury, Shuvasish Choudhury, Pankaj Chetia, Anupam Das Talukdar and Gauri Dutta Sharma (2012). Antitubercular property of Guaiacol. *Researches in Medicinal and Aromatic Plants*. Swastik Publications, New Delhi, 1st Ed.:15-22. (ISBN:978-93-81084-95-3).

2. **Monjur Ahmed Laskar**, Shuvasish Choudhury & Manabendra Dutta Choudhury. Plant Based Cardioprotective Natural Products: A Preview. in *Diversity and Conservation of Plants and Traditional Knowledge*, edited by S. Panda and C. Ghosh (Bishen Singh Mahendra Pal Singh, 23 – A, New Connaught Place, Dehradun, India) 2014, 443-460. ISBN: 978-81-211-0895-9.

#### E. Training/Project Completed

1. Completed One month Industrial Training Programme on the Project titled " **In silico Modeling and Docking Analysis of Myosin Tail Interacting Protein (MTIP) for Malaria**" from IBI Biosolutions Pvt. Ltd., Panchkula, Haryana from 2<sup>nd</sup> June 2008 to 1<sup>st</sup> July 2008.

2. Completed Major project of M.Sc. (Bioinformatics) titled "**Database of Hev b family of Proteins Implicated in Latex Allergy**" from Biomedical Informatics Centre, Post Graduate Institute of Medical Education and Research (PGIMER), Chandigarh during 5<sup>th</sup> January 2009 to 10<sup>th</sup> June 2009.

#### F. Invited Lectures

01. Acted as Resource person to conduct Hands on Training in the Workshop on "Some Modern

- Techniques in Life Sciences & Biotechnology”** organized by Institutional Biotech Hub, **Karimganj College**, Karimganj during 15<sup>th</sup> December 2014 to 22<sup>nd</sup> December, 2014.
02. Acted as Resource person and delivered an awareness lecture on "**Know the Basics of Bioinformatics**" at **Kendriya Vidyalaya**, Silchar, Assam on 6<sup>th</sup> November 2015.
  03. Acted as Resource person and delivered an awareness lecture on "**Know the Basics of Bioinformatics**" at **Kendriya Vidyalaya**, Masimpur, Cachar, Assam on 7<sup>th</sup> November 2015.
  04. Acted as Resource person and delivered an awareness lecture on "**Know the Basics of Bioinformatics**" at **MHCM Science College**, Algapur, Hailakandi, Assam on 2<sup>nd</sup> December 2015.
  05. Acted as Resource person and delivered an awareness lecture on "**Know the Basics of Bioinformatics**" at **Aryan Junior College**, Silchar, Assam on 10<sup>th</sup> December 2015.
  06. Acted as Resource person and delivered an awareness lecture on "**Know the Basics of Bioinformatics**" at **Jawahar Navodaya Vidyalaya**, Karimganj, Assam on 15<sup>th</sup> December 2015.
  07. Acted as Resource person and delivered an awareness lecture on "**Know the Basics of Bioinformatics**" at **Judhisthir Saha H.S. School**, Cachar, Assam on 17<sup>th</sup> December 2015.
  08. Acted as Resource person and delivered a talk in the Workshop on "**Biotechnology: Basics and Applications**" organized by **Judhisthir Saha H.S. School**, Cachar, Assam during 17<sup>th</sup> and 18<sup>th</sup> December, 2015.
  09. Acted as Resource person and delivered a talk in the Workshop on "**Some Modern Techniques in Molecular Biology & Bioinformatics**" organized by Institutional Biotech Hub, **Karimganj College**, Karimganj on 25<sup>th</sup> February 2017.
  10. Acted as Resource person and delivered an awareness lecture on "**Know the Basics of Bioinformatics**" at **Jawahar Navodaya Vidyalaya**, Hailakandi, Assam on 20<sup>th</sup> August 2017.

#### **G. Workshop/ Seminar/ Conference attended**

1. Participated and present a paper (poster) entitled "***In silico* analysis of a novel beta lactamase CMH2 and its binding efficacy towards beta lactam antibiotics**" in the **International Conference on Contemporary Antimicrobial Research** organized by Assam University Biotech Hub in collaboration with Bioinformatics Centre, Assam University, Silchar and in Association with European Society of Clinical Microbiology and Infectious Diseases, Switzerland from 14-17 November 2016.
2. Participated in the Awareness Programme on **Biotech Product Based Entrepreneurship Development** organized by Assam University Biotech Hub, Assam University, Silchar on 9<sup>th</sup> January 2016.
3. Participated in the **Problem Solving Workshop on Molecular Mechanics and Molecular Dynamics Simulation in Drug Designing Researches** organized by Bioinformatics Centre, Assam University, Silchar during 22<sup>nd</sup> to 24<sup>th</sup> February 2014.
4. Participated and present a paper entitled "**Comparative analysis of activity of certain flavonols against Angiotensin Converting Enzyme (ACE) for cardioprotective activity**" in the National Conference on **Contemporary Bioinformatics Researches in India** organized by Bioinformatics Centre, Assam University, Silchar on 10<sup>th</sup> November 2013.
5. Participated in the Workshop on **Statistical Tools in Scientific Research** organized by Bioinformatics Centre, Assam University, Silchar during 7<sup>th</sup> to 12<sup>th</sup> April 2012.
6. Participated in the International Conference on **Exploring Sub-Regional Cooperation in the Context of India – Bangladesh Relations: Society, History, Science and Culture** organized by Assam University, Silchar from 22<sup>nd</sup> to 24<sup>th</sup> January 2012.
7. Participated and present a paper (poster) entitled "**TRPV 1 mediated analgesic activity of Solanoglycosydane**" in the New Biology section of **98<sup>th</sup> Indian Science Congress** held at SRM University, Chennai from 3<sup>rd</sup> to 7<sup>th</sup> January 2011.
8. Participated in the Workshop on **National e-Governance Plan** organized by Computer Centre, Assam University in collaboration with Department of Information Technology, Ministry of Communications & Information Technology, New Delhi Silchar on 6<sup>th</sup> December 2010.
9. Participated in the International Conference on "**Recent Trends in Medicinal and Aromatic Plant Researches**" organized by Department of Life Science & Bioinformatics in collaboration with Bioinformatics Centre, **Assam University**, Silchar from 1<sup>st</sup> to 5<sup>th</sup> December 2010.
10. Participated in the National Conference on "**Recent Advances in Mathematical Sciences and their Applications**" organized by Department of Mathematics, **Assam University**, Silchar from 25<sup>th</sup> to 27<sup>th</sup> November 2010.
11. Participated in the Workshop on **Statistics in Drug Discovery Researches** organized by Bioinformatics Centre, Assam University, Silchar from 8<sup>th</sup> to 9<sup>th</sup> October 2010.
12. Participated in the National Workshop on **Recent Advances in Bioinformatics** organized by

Bioinformatics Centre, Guru Charan College, Silchar from 4<sup>th</sup> to 5<sup>th</sup> October 2010.

13. Participated in the Workshop on **Fruit Processing and Preservation** organized by Department of Botany & Biotechnology and Information & Career Guidance Cell, Karimganj College in collaboration with Department of Agriculture, Govt. of Assam from 23<sup>rd</sup> to 24<sup>th</sup> January 2004.

#### **H. Workshop/ Seminar/ Conference organised**

1. Workshop on “**Molecular Dynamics Simulation in Drug Designing**” from 28<sup>th</sup> March to 1<sup>st</sup> April 2018, held at Bioinformatics Centre, Assam University, Silchar, as one of the organizers.

2. Workshop on “**Gene Network Analysis**” from 2<sup>nd</sup> to 4<sup>th</sup> November 2016, held at Bioinformatics Centre, Assam University, Silchar, as one of the organizers.

3. Workshop on “**Molecular Dynamics Simulation in Drug Designing**” from 18<sup>th</sup> to 22<sup>nd</sup> October 2016, held at Bioinformatics Centre, Assam University, Silchar, as one of the organizers.

4. Workshop on “**Computer Aided Drug Designing: Basics to Molecular Dynamics Simulation**”, 12<sup>th</sup> to 18<sup>th</sup> September 2015, held at Bioinformatics Centre, Assam University, Silchar, as one of the organizers.

5. Training programme on “**Basic Bioinformatics**” for Higher Secondary (Science) School teachers, 28<sup>th</sup> & 29<sup>th</sup> October 2014, held at Bioinformatics Centre, Assam University, Silchar, as one of the organizers.

#### **I. Other activities**

1. Participated in the **Entrepreneurship Awareness Camp** held at Karimganj College organised by Indian Institute of Entrepreneurship from 11<sup>th</sup> to 13<sup>th</sup> February 2004.

2. Participated and secured 2<sup>nd</sup> position in the **Quiz Contest** Organised by Karimganj College during the Annual Festival of the College Union 2003 - 2004 on 31<sup>st</sup> January 2004.

3. Participated and declared champion in the **Quiz Contest** Organised by Karimganj College during the Annual Festival of the College Union 2004 - 2005 on 31<sup>st</sup> January 2005.

4. Participated and secured 2<sup>nd</sup> position in the **Quiz Contest** Organised by District Administration, Karimganj in association with BEES, Karimganj College on the occasion of Rajib Gandhi Akshway Urjya Divas on 20<sup>th</sup> August 2005.

5. Participated and secured 3<sup>rd</sup> position in the **Quiz Contest** Organised by Karimganj College during the Annual Festival of the College Union 2005 - 2006 on 31<sup>st</sup> January 2006.

6. Participated in the Industrial Exposure Programme under “**Udyog Jyoti Scheme - 2005**” organised by the Directorate of Industries and Commerce, Assam from 5<sup>th</sup> to 8<sup>th</sup> February 2006.

#### **J. Declaration**

I, Dr. Monjur Ahmed Laskar, hereby declare that all the information furnished above are true to the best of my knowledge and belief.

Place: Silchar  
Date: 22.05.2018

(Monjur Ahmed Laskar)