

## CURRICULUM VITAE OF CHADNI LYZU

### Chadni Lyzu

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#### Field of specialization:

Biochemistry and Molecular Biology

#### Job profile:

- November 22, 2020 to till now** : **Senior Scientific Officer**  
: Biomedical & Toxicological Research Institute  
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- July 12, 2015 to November 21, 2020** : **Scientific Officer**  
: Biomedical & Toxicological Research Laboratory (BTRI)  
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#### Educational profile:

- M.S (with Thesis)**  
Institution : Department of Biochemistry and Molecular Biology  
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- Four Years B.Sc. (Hons.)**  
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#### Research Publication:

1. : Chadni Lyzu, Saikat Mitra, Kakhkashan Perveen, Zidan Khan, Abu Montakim Tareq, Najat A Bukhari, Fohad Mabood Husain, Evena Parvin Lipy, Dipa Islam, Mahmuda Hakim, Talha Bin Emran, Marjan Ganjali Dashti **Phytochemical Profiling, Antioxidant Activity, and In Silico Analyses of Sterculia villosa and Vernonia patula.** June 2022, **Evidence-based Complementary and Alternative Medicine** 2022(3190496):1-18

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2. : Samina Akhter, Israt jahan, Diponkar Chandra Roy, Ahad shah, Dipa Islam, Evena Parvin Lipy, Chadni Lyzu\*, Mahmuda Hakim, Mohammad Tasinur Rahman. **Combined hepatoprotective potentials of medicinal plants on CCL<sub>4</sub> induced hepatotoxic wister rats.** *Indian Journal of Traditional Knowledge*

Accepted

3. : Liton Chandra Mohanta, Amdadul Huque, Dipa Islam, Dipankar Chandra Roy, Mahmuda Hakim, Samina Akhter, Chadni Lyzu, Evena Parvin Lipy, Md. Rafqun Nabi **Accumulation of Heavy Metals in Long-Evans Rat Through Feeding Fishes of Buriganga River and Their Histopathological Evaluation** *Biological Trace Element Research*, November 2022

DOI:[10.1007/s12011-022-03477-z](https://doi.org/10.1007/s12011-022-03477-z)

4. : **Chemical profiles and pharmacological attributes of Apis cerana indica beehives using combined experimental and computer-aided studies.** Abu Montakim Tareq, Md. Mohotasain Hossain, Main Uddin, Farhanul Islam, Zidan Khan, Md. Mobarak Karim, Chadni Lyzu, Duygu Ağagündüz, A S M Ali Reza, Talha Bin Emran, Raffaele Capasso April, 2023, March 2023, *Heliyon* 2023(5):e15016

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5. : Mohammad Forhad Khan, Faisal Bin Kader, Mohammad Arman, Suhel Ahmed, Chadni Lyzu, Shahenur Alam Sakib, Shaifullah mansur Tanzil, Tommaso Venneri, Barbara Romano, Md. Areeful Haque, Raffaele Capasso, Md. Abdus Shukur Imran. **Pharmacological insights and prediction of lead bioactive isolates of Dita bark through experimental and computer-aided mechanism,** October 2020, *Biomedicine and pharmacotherapy* 131(110774):12

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6. : Nadia Islam, Mohammad Forhad Khan, Riniara Khatun, Shafinaz Nur, Nujhat Binte Hanif, Ummay Kulsum, Laiba Arshad, Chadni Lyzu, Nunzio Antonio Cacciola, Raffaele Capasso, Md. Areeful Haque **Neuropharmacological insights of African oil palm leaf through experimental assessment in rodent behavioral model and computer-aided mechanism.** January 2021, *Food Bioscience* 40(1):100881

DOI:[10.1016/j.fbio.2021.100881](https://doi.org/10.1016/j.fbio.2021.100881)

7. : Dipa Islam<sup>1\*</sup>, Monisha Banerjee<sup>2</sup>, Samina akhter<sup>1</sup>, Chadni Lyzu<sup>1</sup>, Mahmuda Hakim<sup>1</sup>, Liton Chandra Mohanta<sup>1</sup> Evena Parvin Lipy<sup>1</sup>Dipankar Chandra Roy<sup>1</sup>. **Cardioprotective effect of garlic extract in isoproterenol-induced myocardial infarction in a rat model: assessment of pro-apoptotic caspase-3 gene expression.** September 2020, *Clinical Phytoscience* volume 6(Article number: 67 (2020)):1-9

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8. : Evena Parvin Lipy<sup>1</sup>, Mahmuda Hakim<sup>1</sup>, Liton Chandra Mohanta<sup>1</sup>, Dipa Islam<sup>1</sup>, Chadni Lyzu<sup>1</sup>, Dipankar Chandra Roy<sup>1</sup>, Iffat Jahan<sup>1</sup>, Samina akhter<sup>1</sup> Mohammad Raknuzzaman<sup>2</sup>, Md. Abu Sayed Assessment of **Heavy Metal Concentration in Water, Sediment and Common Fish Species of Dhaleshwari River in Bangladesh and their Health Implications.** November 2020. *Biological Trace Element Research* 199(11)

DOI: [10.1007/s12011-020-02552-7](https://doi.org/10.1007/s12011-020-02552-7)

9. : Niloy Barua, Md Arfin Ibn Aziz, Abu Montakim Tareq, Mohammed Aktar Sayeed, Najmul Alam, Nobiu Alam, Mohammad Amran Uddin, Chadni Lyzu, and Talha Bin Emran. **“In Vivo and in Vitro Evaluation of Pharmacological Activities of Adenia Trilobata (Roxb.)”.** July 2020, *Biochemistry and Biophysics Reports* 23 (September 1, 2020): 100772.

DOI:[10.1016/j.bbrep.2020.100772](https://doi.org/10.1016/j.bbrep.2020.100772)

10. : Abu Montakim Tareq, Saifuddin Farhad, A.B.M. Neshar Uddin, Muminul Hoque, Mst. Samima Nasrin, Mir Md. Rokib Uddin, Mohiminul Hasan, Arafat Sultana, Mst. Shirajum Munira, Chadni Lyzu, S.M. Moazzem Hossen, A.S.M. Ali Rezaa and Talha Bin Emran. **“Chemical Profiles, Pharmacological Properties, and in Silico Studies Provide New Insights on Cycas Pectinata.** June 2020, *Heliyon* 6, no. 6 (June 1, 2020): e04061.  
DOI: [10.1016/j.heliyon.2020.e04061](https://doi.org/10.1016/j.heliyon.2020.e04061)
11. : Diponkor Chandra Roy, Samina Akhter, Ashish kumar sarker, M.M. Kamal Hossain, Chadni Lyzu, Liton Chandra mahanta, Dipa Islam, Md. Anwar Arfien Khan, **Tracing the pig and cattle origin in processed food and feed products targeting mitochondrial 12s rRNA gene.** December 2021, *Journal of Food Quality and Hazards Control* 8(4):152-161  
DOI: [10.18502/jfqhc.8.4.8256](https://doi.org/10.18502/jfqhc.8.4.8256)
12. : Talha Bin Emran<sup>12\*</sup>, Md Atiar Rahman<sup>2</sup>, Mir Muhammad Nasir Uddin<sup>3</sup>, Md Mominur Rahman<sup>4</sup>, Md Zia Uddin<sup>1</sup>, Raju Dash<sup>1</sup> and Chadni Lyzu<sup>2</sup> **Effects of organic extracts and their different fractions of five Bangladeshi plants on in vitro thrombolysis;** April 2015, *BMC Journal of Complementary & Alternative Medicine* 15(128):1-8,  
DOI: [10.1186/s12906-015-0643-2](https://doi.org/10.1186/s12906-015-0643-2)
13. : Dipa Islam, Nazia Nawshad Lina, Rajib Kanti Roy, Chadni Lyzu, Zubayed Ahamed, Samina Akhter, Liton Chandra Mohanta, Evena Parvin Lipy, Mahmuda Hakim and Dipankar Chandra Roy. **“Relative proximate composition and mineral analysis of three garlic varieties available in Bangladesh.”** June 2020 *European Journal of Medicinal Plants* 31, no. 9 (2020): 1–9.  
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14. : Dipa Islam<sup>1\*</sup>, Afsana Akhter<sup>2</sup>, Amdadul Haque<sup>1</sup>, Samina akhter<sup>1</sup>, Dipankar Chandra Roy<sup>1</sup>, Chadni Lyzu<sup>1</sup>, Mahmuda Hakim<sup>1</sup>, Liton Chandra Mohanta<sup>1</sup>, Evena Parvin Lipy<sup>1</sup>, Abubakkar siddique<sup>4</sup>, Khan Md. Murtaja Reza Linkon<sup>3</sup>, Nazibur Rahman<sup>3</sup> **“Hypoglycemic Effect Study of a Combination of Some Stipulated Spices in Alloxan Induced Diabetic Wistar Albino Rats along with Nutritional Value Evaluation”** January 2018 *Journal of Diabetes Malitus* 08(02):43-53,  
DOI: [10.4236/jdm.2018.82005](https://doi.org/10.4236/jdm.2018.82005)
15. Murshid Jaman Chowdhury <sup>a,c</sup>, Md. Tushar Uddin <sup>a</sup>, Md. Imran Biswas <sup>a</sup>, Chadni Lyzu <sup>a</sup>, Sahana Parveen <sup>a</sup>, Shamima Akther Eti <sup>b</sup>, Md. Abdur Razzaq <sup>a,\*</sup> **“Leather dye from Trema orientalis (L.) and its antibacterial effects,”** *Ind. Crops Prod.*, vol. 210, p. 118159, Apr. 2024.  
DOI: [10.1016/j.indcrop.2024.118159](https://doi.org/10.1016/j.indcrop.2024.118159)

### Scientific networks

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