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Sl. No	Examination Passed	Year of passing	Board / Council / University	Specialization
1	HSLC/10 th Std.	2001	Meghalaya Board of School Education.	Science
2	HSSLC/10+2 Std.	2003	Meghalaya Board of School Education.	Science
3	Degree (B.Pharm)	2007	Saurashtra University, Gujarat	Pharmaceutical Sciences
4	Master's Degree (M.Pharm)	2009	Indian Institute of Technology, Banaras Hindu University, Varanasi.	Pharmaceutical Sciences
5	Ph. D. (Pharmacognosy)	2014	Indian Institute of Technology, Banaras Hindu University, Varanasi.	Pharmaceutical Sciences
7	Others (PG diploma in Spectroscopy)	2008	Faculty of Sciences, Banaras Hindu University, Varanasi.	Chemistry

Languages known:

Read: English, Hindi

Write: English, Hindi

Speak: English, Hindi

Academic/ Administrative Experience: 13 years

Current Director (Research and Development Cell, GCU), Current Head of the Department of Pharmacognosy (GCU), Current IPR Chairman (GCU), Former Academic Coordinator (GCU), Member of University Academic Council and Board of Management (GCU), Former IQAC coordinator (GIPS).

List of Publications:

1. Sahu AN, **Laloo D**, Ghosh N, Dubey NK. Phytopharmacological review of *Boerhaavia diffusa* Linn. (Punarnava). *Pharmacognosy Reviews*, 2008;2:14-22. **[Medknow publications]**.
2. Sahu AN, Hemalatha S, Sairam K, **Laloo D**, Patra A. Quality Control Studies of *Ochrocarpus longifolius* Flower Buds. *Pharmacognosy Journal*. 2010, 2 (6), 118-123. **[Medknow publications, SJR Impact Factor 0.820]**.
3. **Laloo D**, Sahu AN. Antioxidant activities of three Indian commercially available Nagakesar: An in vitro study. *Journal of Chemical and Pharmaceutical Research*, 2011, 3(1):277-283.
4. **Laloo D**, Hemalatha S. Ethnomedicinal plants used for diarrhea by tribals of Meghalaya, Northeast India- A review. *Pharmacognosy reviews*. 2011;5:147-154. **[Medknow publications]**.
5. Patel DK, Kumar R, **Laloo D**, Hemalatha S. Evaluation of phytochemical and antioxidant activities of the different fractions of *Hybanthus enneaspermus* (Linn.) F. Muell. (Violaceae). *Asian Pacific Journal of Tropical Medicine*, 2011; 4(5):412-420. **[Medknow publishers, Impact factor- 3.041]**
6. Patel DK, **Laloo D**, Kumar R, Hemalatha S. *Pedaliium murex* Linn- An overview of its phytopharmacological aspects. *Asian Pacific Journal of Tropical Medicine*, 2011; 4(9): 748-755. **[Medknow publishers, Impact factor- 3.041]**
7. Kumar R, Patel DK, **Laloo D**, Hemalatha S. Inhibitory effects of two Indian medicinal plants on aldose reductase of rat lens in vitro. *Asian Pacific Journal of Tropical Medicine*. 2011; 4 (9) :694-697. **[Medknow publishers, Impact factor- 3.041]**
8. **Laloo D**, Sahu AN, Hemalatha S, Dubey SD. Pharmacognostical and phytochemical evaluation of *Cinnamomum wightii* Meissn. Flowers. *Indian Journal of Natural Products and Resources*. 2012, 3(1), 33-39. **[CSIR Nisair Publications]**.
9. Patel DK, Kumar R, **Laloo D**, Hemalatha S. Diabetes mellitus: An overview on its pharmacological aspects and reported medicinal plants having anti-diabetic activity. *Asian Pacific Journal of Tropical Disease*; 2012;2(5): 411-420. **(Medknow publishers)**
10. Patel DK, Kumar R, **Laloo D**, Hemalatha S. Natural medicines from plant source used for therapy of diabetes mellitus: An overview of its pharmacological aspects. *Asian Pacific Journal of Tropical Biomedicine*. 2012. 239-250. **[Medknow publishers, Impact factor- 1.514]**.
11. Kumar R, Patel DK, Prasad SK, **Laloo D**, Krishnamurthy S, Hemalatha S. Type 2 antidiabetic activity of bergenin from the roots of *Caesalpinia digyna* Rottler. *Fitoterapia*. 2012; 83: 395-401. **[Elsevier Publications, Impact factor- 3.204]**
12. Patel DK, Kumar R, **Laloo D**, Sairam K, Hemalatha S. Aphrodisiac activity of ethanolic extract of *Pedaliium murex* Linn fruit. *Asian Pacific Journal of Tropical Biomedicine*. 2012; 2(3): S1568-S1571. **[Medknow publishers, Impact factor- 1.514]**.
13. **Laloo D**, Prasad SK, Sairam K, Hemalatha S. Gastro protective activity of ethanolic root extract of *Potentilla fulgens* Wall. ex Hook. *Journal of Ethnopharmacology*, 2013; 146: 505-514. **[Elsevier Publications, Impact factor- 4.36]**.
14. **Laloo D**, Kumar M, Prasad SK, Hemalatha S. Quality control standardization of the roots of *Potentilla fulgens* Wall.: A potent medicinal plants of the Western Himalayas and Northeastern India. *Pharmacognosy Journal*, 2013, 5: 97-103. **[Medknow publications, SJR Impact Factor 0.820]**.
15. Prasad SK, **Laloo D**, Kumar M, Hemalatha S. Quality control standardization and antioxidant activity of roots from *Eriosema chinense* . *Pharmacognosy Journal*, 2013, 5: 149-155. **[Medknow publications, SJR Impact Factor 0.820]**.
16. Ghosh A, **Laloo D**, Kumar N. Comparative estimation and chemical standardization of new and old sample of Chyawanprash. *International Journal of Pharmacy and Pharmaceutical Sciences*. 2013; 5: 801-804. **[Innovare Publication]**.
17. Prasad SK, **Laloo D**, Kumar M, Hemalatha S. Antidiarrhoeal Evaluation of Root Extract, Its Bioactive Fraction, and Lupinifolin Isolated from *Eriosema chinense*. *Planta medica*. 2013; 79: 1620-1627. **[Thieme Publications, Impact factor- 3.007]**
18. Prasad SK, **Laloo D**, Kumar R, Sahu AN, Hemalatha S. Antidiarrhoeal evaluation of rhizomes of *Cryptocoryne spiralis* Fisch. ex Wydler.: Antimotility and antisecretory effects. *Indian Journal of Experimental Biology*, 2014, 52: 139-146. **[Nisair publications, Impact factor- 0.818]**

19. **Laloo D**, Prasad SK, Kumar M, Hemalatha S. Pharmacognostical and phytochemical standardization of the roots of *Potentilla mooniana* Wight. *Pharmacognosy Journal*. 2014, 6, 70-79. [**Medknow publications, SJR Impact Factor 0.820**].
20. Kumar M, Prasad SK, **Laloo D**, Joshi D, Hemalatha S. Pharmacognostical and phytochemical standardization of *Houttuynia cordata* Thunb.: A potent medicinal herb of North–Eastern India and China. *Pharmacognosy Journal*. 2014, 6: 34-42. [**Medknow publications, SJR Impact Factor 0.820**].
21. Singh NK, Ghosh A, **Laloo D**, Singh VP. [Pharmacognostical and physicochemical evaluation of *Croton bonplandianum*](#). *International Journal of Pharmacy and Pharmaceutical Sciences*. 2014, 6(3): 286-290. [**Innovare Publication**].
22. **Laloo D**, Prasad SK, Sairam S, Hemalatha S. Gastroprotective activity of polyphenolic-rich extract of *Potentilla mooniana*. *Pharmaceutical biology*. 2014; 52(12): 1532-1542. [**Informa health care publications, Impact factor- 3.503**].
23. Prasad SK, **Laloo D**, Sahu AN, Nath G, Hemalatha S. *Cryptocoryne spiralis*, a substitute of *Aconitum heterophyllum* in the treatment of diarrhea. *Journal of Pharmacy and Pharmacology*. 2014, 66(12), 1808-1817. [**Wiley online publisher, Impact factor- 3.765**].
24. Kumar M, **Laloo D**, Prasad SK, Hemalatha S. Aldose reductase inhibitory potential of different fractions of *Houttuynia cordata* Thunb. *Journal of Acute Disease*. 2014, 3(1), 64-68. [**Medknow publishers**].
25. Singh NK, **Laloo D**, Garbadu D, Singh VP. *Ichnocarpus frutescens* Ameliorates Experimentally Induced Convulsion in Rats. *International Scholarly Research Notices*. Volume 2014, Article ID 434179, pp 1-9, <http://dx.doi.org/10.1155/2014/434179>. [**Hindawi Publications**].
26. Maurya SK, Seth A, Laloo D, Singh NK, Gautam DNS, Singh AK. Sodhana: An ayurvedic process for detoxification and modification of therapeutic activities of poisonous medicinal plants. *Ancient Science of Life*. 2015, 34: 188-197. [**Medknow publications**].
27. Sharma R, **Laloo D**, Joshi A, Pandey D, Hemalatha S. Gastroprotective activity of the standardized ethanolic extract of *Enicostemma verticillatum* (L.). *Indian Journal of Natural products*. 2015; 29: 23-43. [**Niscair publications**].
28. Singh AK, Maurya SK, **Laloo D**, Singh NK, Seth A. Antidiabetic activity of polyherbomineral formulation: Chandrakala rasa. *International Journal of Green Pharmacy*. 2015; 10: 33-41.
29. Kundu A, Ghosh A, Singh NK, Singh GK, Seth A, Maurya SK, Hemalatha S, **Laloo D**. Wound healing activity of the ethanol root extract and polyphenolic rich fraction from *Potentilla fulgens*. *Pharmaceutical Biology*. 2016; 54(11):2383-2393. [**Informa health care publications, Impact factor- 3.503**].
30. Prasad SK, Parmar K, Danta CC, **Laloo D**, Hemalatha S. [Antidiarrhoeal activity of eriosematin E isolated from the roots of *Eriosema chinense* Vogel](#). *Phytomedicine*, 2017; 24: 127-133. [**Elsevier Publications, Impact factor- 6.656**].
31. Patel K, **Laloo D**, Singh GK, Gadewar M, Patel DK. A review on medicinal uses, analytical techniques and pharmacological activities of *Strychnos nux-vomica* Linn. - A concise report. *Chinese Journal of Integrative Medicine*, 2017, 24. doi: 10.1007/s11655-016-2514-1. [**Elsevier Publications, Impact factor 2.626**].
32. Shil D, Dash S, **Laloo D**, Chakraborty J, Das S. Evaluation of Immunomodulatory effect of methanolic extract of *Mirabilis jalapa* L. tuber on mice. *Research Journal of Pharmaceutical, Biological and Chemical Sciences*. 2017; 8(5): 49-58.
33. Dash B, Dash S, **Laloo D**, Chakraborty J. Design, synthesis and in vivo antitumor activity of novel 3, 4 di-substituted quinazoline derivatives. *International Journal of Pharmaceutical Chemistry*, 2017; 07(01): 20-30.
34. Dash B, Dash S, **Laloo D**. Design and synthesis of 4-substituted quinazoline derivatives for their anticonvulsant and cns depressant activities. *International Journal of Pharmacy and Pharmaceutical Science*, 2017; 9(1): 165-172.
35. Dash B, Dash S, **Laloo D**, Medhi C. Design, Synthesis and Preliminary Pharmacological Screening (antimicrobial, analgesic and anti-inflammatory activity) of Some Novel Quinazoline Derivatives. *Journal of Applied Pharmaceutical Science*, 2017; 7 (06): 083-096
36. Shil D, Dash S, **Laloo D**. A comprehensive quality control standardization of *Mirabilis jalapa* L. Tuberous root. *International Journal Research of Pharmaceutical Sciences*. 2017; 8(5): 49-58.
37. Shil D, Dash S, **Laloo D**, Dasgupta D. Isolation and characterization of flavonoids from methanolic extract of *Mirabilis jalapa* Linn. Tuber and evaluation of its cardioprotective property. *Asian Journal of Chemistry*.

- 2018; 30(7): 1579-1584.
38. Das S, Dash S, **Laloo D**, Shil D, Dasgupta D. Evaluation of Immunomodulatory Activity of DCM Extract of *Nelumbo nucifera* on Mice. *Res J Pharm Biol Chem Sci*. 2018;9(1): 265-274.
 39. Das S, Dash S, **Laloo D**, Dasgupta D, Kalita JK. Anticancer Activity of Active Constituents Isolated from n-Butanolic Extracts of *Flacourtia jangomas* (Salicaceae). *Asian Journal of Organic and Medicinal Chemistry*. 2018; 3(3): 89-94.
 40. Shil D, **Laloo D**, Das SRD, Dash S. Pharmacognostical and phytochemical standardization of *Physalis minima* L. Leaf. *International Journal of Pharmacy and Pharmaceutical Science*. 2019; 11(11): 20-25.
 41. Bharadwaj R, Sahu BP, Haloi J, **Laloo D**, Barooah P, Keppen C, Dekka M, Medhi S. Combinatorial therapeutic approach for treatment of oral squamous cell carcinoma. *Artificial Cells, Nanomedicines and Biotechnology*. 2019; 47: 572-585. **[Taylor & Francis Online Publications, Impact factor 6.355]**.
 42. **Laloo D**, Tahbaldar R, Smith K, Ahmed AU, Nath J, Shil D, Das G, Langbang A, Prasad SK, Singh NK. Impact of quality control standardization parameters and antioxidant potential of the aerial parts of *Potentilla fulgens* Wall.: A comprehensive monographic study. *Journal of Biologically active products from Nature*. 2020; 10(4): 338-356. **[Taylor & Francis Online Publications]**.
 43. **Laloo D**, Hemalatha S, Prasad SK. Quality control standardization of the rhizome of *Curcuma yunnanensis*: A comprehensive standardization process. *Indian Journal of Natural product and Resources*. 2020; 11(2): 110-117.
 44. Parmar KM, Sinha SK, Prasad RS, Johi MS, **Laloo D**, Dhobi M, Gurav SS, Prasad SK. Identifying the mechanism of eriosemin E from *Eriosema chinense* Vogel. For its antidiarrhoeal potential against *Shigella flexneri*-induced diarrhoea using *in vitro*, *in vivo* and *in silico* models. *Microbial pathogenesis*. 2020; 149: 104528. **[Elsevier, Impact Factor: 3.848]**
 45. Hazarika I, Mukundan GK, Sundari PS, **Laloo D**. Journey of *Hydrocotyle sibthorpioides* Lam.: From traditional utilization to modern therapeutics -A review. *Phytotherapy Research*. 2021; 35(4): 1847-1871. **[Wiley Online Publications, Impact factor 6.388]**.
 46. **Laloo D**, Sinha SK, Prasad SK, Hemalatha S. Gastric H⁺, K⁺-ATPase inhibitory effects of the active constituent isolated from *Potentilla fulgens* roots: An *in vivo* and *in silico* molecular docking studies. *Phytomedicine Plus*. 2021; 1 (3), 100037.
 47. Bhanu P Sahu, Rinku Baishya, Jyoti Lakshmi Hatiboruah, **Damiki Laloo**, Nikhil Biswas. A comprehensive review on different approaches for tumor targeting using nanocarriers and recent developments with special focus on multifunctional approaches. *Journal of Pharmaceutical Investigation*. 2022. **(Springer publications, Impact factor 5.239)**.
 48. Kalita A, Bharadwaj A, Kaushik D, Kumar S, Sarma H, Kushari S, Bharali A, Dekka B, Hazarika I, **Laloo D**. *Tamilnadia uliginosa* (Retz) Tirveng and Sastre: Potential Application from Traditional Remedies to Modern Therapeutics. *Proc. Natl. Acad. Sci., India, Sect. B Biol. Sci.* (2022). <https://doi.org/10.1007/s40011-022-01386-8>.
 49. Rupali S. Prasad, Suhas R. Dhaswadikar, **Damiki Laloo**, Mahaveer Dhobi, Prakash R. Itankar, Satyendra K. Prasad. Quality control profiling, nutritional analysis and phytochemical standardization of a vegetable root *Begonia roxburghii*. *Vegetos*. 2022. **(Springer, Impact factor 0.469)**.
 50. Kushari S, Hazarika I, **Laloo D**, Kumar S, Kalita JM, Sarma H. An integrated computational approach towards the screening of active plant metabolites as potential inhibitors of SARS-CoV-2: an overview. *Structural Chemistry*. 2022. <https://doi.org/10.1007/s11224-022-02066-z> **(Springer Nature, Impact Factor 1.792)**.
 51. Banu ZW, Dasgupta D, Hazarika I, **Laloo D**, Kalita JM. *Trapa natans* L.: A Journey from Traditional to Contemporary Therapies-A Review. *The Natural Products Journal*. 2023;13:122-134 doi: <https://doi.org/10.2174/2210315513666230330182909> **[Bentham Science, Impact Factor-0.8]**.
 52. Bharali A, Sarma H, Biswas N, Kalita JM, Das B, Sahu BP, Prasad SK, **Laloo D**. Green synthesis of silver nanoparticles using hydroalcoholic root extract of *Potentilla fulgens* and evaluation of its cutaneous wound healing potential. *Materials Today Communications* 35, 2023, 106050. doi: <https://doi.org/10.1016/j.mtcomm.2023.106050> **[Elsevier, Impact Factor-3.8]**.
 53. Kumar S, Bharali A, Sarma H, Kushari S, Gam S, Hazarika I, Prasad SK, **Laloo D**. Traditional complementary and alternative medicine (TCAM) for diabetic foot ulcer management: A systematic review. *Journal of Ayurveda and Integrative Medicine*. 2023, 11;14(4):100745. doi: <https://doi.org/10.1016/j.jaim.2023.100745>. **[Elsevier, Impact**

factor- 2.4]

54. Bordoloi C, Kumar S, Barbhuiya AM, Kushari S, Kalita J, Sahu BP, **Laloo D**. Herbal medicine used for wound healing by the tribes of the North Eastern states of India: A comprehensive review. *Journal of Herbal Medicine*. 2023; 100697. doi: <https://doi.org/10.1016/j.hermed.2023.100697>. [Elsevier, Impact factor- 2.3].
55. Prasad RS, Dhaswadikar SR, **Laloo D**, Dhobi M, Itankar PR, Prasad SK. Quality control profiling, nutritional analysis and phytochemical standardization of a vegetable root *Begonia roxburghii*. *Vegetos*. 2023; 36: 842-850. doi: <https://doi.org/10.1007/s42535-022-00446-8> [Springer].
56. Sarma SK, Dutta U, Bharali A, Kumar S, Baruah S, Sarma H, **Laloo D**, Sahu BP. Isolation of curcumin from Lakadong turmeric of Meghalaya and development of its PLGA-Cur-NS loaded nanogel for potential anti-inflammatory and cutaneous wound healing activity in Wistar rats. *Future Journal of Pharmaceutical Sciences*. 2023; 9:85. doi: <https://doi.org/10.1186/s43094-023-00534-9> [Springer, Impact factor-2.4].
57. Ali F, Ahmed M, Kushari S, Banu ZW, Laloo D, Kalita JM. Short Synthetic Peptides as COX-2 Inhibitor with Antiproliferative Activity: A Probable Future Class of Drugs, *Current Bioactive Compounds* 2023; 19: e210623218143 . <https://dx.doi.org/10.2174/1573407219666230621163500> [Bentham Science].
58. Prasad RS, Chikhale RV, Rai N, Akojwar NS, Purohit RA, Sharma P, Kulkarni O, **Laloo D**, Gurav SS, Itankar PR, Prasad SK. Rutin from *Begonia roxburghii* modulates iNOS and Sep A activity in treatment of Shigella flexneri induced diarrhoea in rats: An in vitro, in vivo and computational analysis. *Microbial Pathogenesis*. 2023; 184: 106380. doi: <https://doi.org/10.1016/j.micpath.2023.106380> [Elsevier, Impact factor- 3.8].
59. Bharali A, Deka B, Sahu BP, **Laloo D**. Major challenges and probable scientific solutions toward the large-scale production of plant-based metallic nanoparticles: A systematic review. *Nanotechnology for Environmental Engineering*. 2023; 1-9. doi: <https://doi.org/10.1007/s41204-023-00347-4> [Springer].
60. Hazarika S, Thakur S, Jadhav HR, Chetia P, **Laloo D**, Hemalatha S. Investigation of antibacterial potential of *Natsiatum herpeticum* Buch.-Ham. ex Arn. using *in silico-in vitro* approach. *South African Journal of Botany*. 2024;164; 167-179. doi: <https://doi.org/10.1016/j.sajb.2023.11.041> [Elsevier, Impact factor-3.1]
61. Sarma S, Deka DJ, Rajak R, **Laloo D**, Das T, Chetia P, Saha D, Bharali A, Deka B. Potential injectable hydrogels as biomaterials for central nervous system injury: A narrative review. *iBrain*. 2023;1-19. doi: <https://doi.org/10.1002/ibra.12137> [Wiley Publications].
62. Bhuyan N, Ghose S, Biswas N, Sultan JA, **Laloo D**. From Bench to Bedside: Unveiling the Effects of Phloroglucinol as a Promising Neuroprotective Agent in the Battle Against Neurodegenerative Disorders. *Current Behavioral Neuroscience Reports*. 2024;1-15. doi: <https://doi.org/10.1007/s40473-024-00271-0> (Springer Nature, Impact Factor 1.7).
63. Prasad RS, Kalita JM, Rai N, Yenorkar NY, Dhaswadikar SR, Sharma P, Dhobi M, **Laloo D**, Sinha SK, Itankar PR, Prasad SK. Antidiarrhoeal screening of Himalayan edible plant *Begonia rubrovenia* and its marker followed by its validation using computational analysis. *Future Journal of Pharmaceutical Sciences* 10, 27 (2024). doi: <https://doi.org/10.1186/s43094-024-00592-7> (Springer Nature, Impact Factor 2.6).
64. Ali F, Ahmed M, Kushari S, Banu ZW, Laloo D, Kalita JM. Short Synthetic Peptides as COX-2 Inhibitor with Antiproliferative Activity: A Probable Future Class of Drugs. *Current Bioactive Compounds* 2024; 20(4):62-69. <https://dx.doi.org/10.2174/1573407219666230621163500> [Bentham Science].
65. Usapkar P, Saoji S, Jagtap P, Ayyanar M, Kalaskar M, Gurav N, Nadaf S, Prasad S, **Laloo D**, Khan MS, Chikhale R, Gurav S. QbD-guided phospholipid-tagged nanonized boswellic acid nanosomal delivery for effective rheumatoid arthritis treatment. *International Journal of Pharmaceutics: X*. 2024; 100257. <https://doi.org/10.1016/j.ijpx.2024.100257> [Springer, Impact factor-5.2]
66. Sonowal A, Bharali A, Saikia T, Kushari S, Lahon M, Kalita JM, Biswas N, **Laloo D**, Sahu BP. *Citrus aurantifolia*-derived carbon quantum dots with red fluorescence emission for codelivery with curcumin as theranostic liposomes for lung cancer. *Future Journal of Pharmaceutical Sciences*. 2024;10:116 <https://doi.org/10.1186/s43094-024-00689-z> [Springer, Impact factor-3.4].
67. Das J, Lahan M, Bharali A, Ghose S, Sahu BP, **Laloo D***, Biswas N*. Enhancing resveratrol pharmacokinetics and cytotoxicity in ovarian cancer cells via nanostructured lipid carriers. *Journal of Dispersion Science and Technology*. 2024;1-12. <https://doi.org/10.1080/01932691.2024.2416460> [Springer, Impact factor-1.9].
68. Bordoloi C, Das R, **Kumar S**, Prasad SK, **Ghose S**, **Laloo D***. Quality control standardization, nutritional profiling, phytochemical analysis, and investigation into antioxidant and antimicrobial potential of *Begonia palmata* D. Don. leaves. *Vegetos*. 2024;1-11. <https://doi.org/10.1007/s42535-024-01108-7>
69. Kumar S, Nikam YP, Ghose S, Kushari S, Gurav SS, Prasad SK, Borbora D, **Laloo D***. *Potentilla fulgens* root extract rich in polyphenols ameliorate diabetic foot ulcers in wistar rats via regulating oxidative stress and connective tissue markers. *Journal of Ayurveda and Integrative Medicine*. 2025; 16(1): 101075. [Elsevier, Impact

- factor- 1.9].** <https://doi.org/10.1016/j.jaim.2024.101075>
70. Sandhanam K, Rynjah D, Ghose S, Sahu RK, Ahmed AB, Sumitra M, **Laloo D**, Bhattacharjee B. Robotic thread-assisted clot removal for stroke treatment: A comprehensive review. *Neuroscience*. 2025; 570: 95-109. <https://doi.org/10.1016/j.neuroscience.2025.02.046>
 71. Dubinin MV, Ilzorkina AI, Nedopekina DA, Mikina NV, Belosludtseva NV, Khalitova RR, Kalita JK, Davletshin EV, Spivak AY, **Laloo D**, Belosludtsev KN. 2-Aminomethyl phenothiazine, its alkyl and triphenylphosphonium derivatives suppress erastin-induced ferroptosis in BT-474 cells but exhibit distinct cytotoxic activities. *Naunyn-Schmiedeberg's Archives in Pharmacology*. 2025. <https://doi.org/10.1007/s00210-025-03986-3> . [**Springer Nature, Impact factor-3.1**].
 72. Lahan M, Saikia S, Baishya R, Bharali A, Baruah S, Ghosh S, Biswas N, **Laloo D**, Medhi S, Sahu BP. Development of Dry Powder Inhaler formulation for site specific delivery of nanoconjugates loaded with Curcumin and BCL2 siRNA in Lung Cancer. *Pulmonary Pharmacology & Therapeutics*. 2025; 90: 102361. <https://doi.org/10.1016/j.pupt.2025.102361> [**Elsevier, Impact factor-2.8**]
 73. Ghose S, Bhattacharya K, Baruah S, Singh NK, Kumar S, Prasad SK, Sahu BP, Laloo D, Biswas N. Bioactive catechins from *Potentilla fulgens* Wall. ex Sims roots ameliorate oral carcinogenesis through modulation of oxidative stress, inflammatory, and apoptotic pathways. *Journal of Ethnopharmacology*. 2025;353: 120446. <https://doi.org/10.1016/j.jep.2025.120446> [**Elsevier, Impact factor-5.4**]

Book Chapters:

- 1 **Damiki Laloo***, Jun Moni Kalita, Satyendra K. Prasad. Molecular Docking Studies of Plant-Derived Bioactive Compounds: A Comprehensive *in silico* Standardization Approach. In: Subhash C. Mandal, Raja Chakraborty, Saikat Sen (Eds.), *Evidence Based Validation of Traditional Medicines*, Springer Nature (Singapore) Publishers. Published 2021, pp 371-404. E-Book ISBN: 978-981-15-8127-4. (<https://doi.org/10.1007/978-981-15-8127-4>)
- 2 Rupali S Prasad, **Damiki Laloo**, Ashish P Bharne, Satyendra K Prasad. The role of berries as potential wound healing agents. In: Dorothy Klimis-Zacas, Ana Rodriguez-Mateos (Eds.). *Food chemistry, function and analysis: Berries and berry bioactive compounds in promoting health*, Royal Society of Chemistry publishers (United Kingdom). Published 2022, pp. 366-381. Print ISBN: 978-83916-216-9, Print ISSN: 2398-0656.
- 3 Suman Kumar, Susankar Kushari, Himangshu Sarma, **Damiki Laloo***. Exploring the traditional system of medicine with special emphasis on the indigenous practice of herbal remedy by the tribals of North East India. In: Raja Chakraborty and Saikat Sen (Eds.). *Practice and Re-emergence of Herbal Medicine*, Bentham Science Publishers Pte. Ltd. (Singapore). August 2023, volume-1, pp. 1-24. Print ISBN: 978-981-5080-42-1, Online ISBN: 978-981-5080-41-4.
- 4 Alakesh Bharali, Shatabdi Ghose, **Damiki Laloo***, Jun Moni Kalita, Gouranga Das and Satyendra K. Prasad. Genome Mining: Recent Trends of Drug Discovery in Natural Products. In: Raja Chakraborty and Saikat Sen (Eds.). *Natural Medicine*, Bentham Science Publishers Pte. Ltd. (Singapore). Published August 2023, volume-2, pp. 35-54. ISBN (Online): 978-981-5136-32-6; ISBN (Print): 978-981-5136-33-3
- 5 Junmoni Nath, Chayanika Bordoloi, Alakesh Bharali, Bhanu P. Sahu, **Damiki Laloo***. Recent updates in natural product research and novel approaches of drug delivery using phytomolecules. In: Raja Chakraborty and Saikat Sen (Eds.). *Natural Medicine*, Bentham Science Publishers Pte. Ltd. (Singapore). Published August 2023, Volume-3, pp. 64-91. ISBN (Online): 978-981-5238-12-9; ISBN (Print): 978-981-5238-13-6.
- 6 Shatabdi Ghose, Bedanta Bhattacharjee, Damanbhalang Rynjah, **Damiki Laloo***. Chapter 16: Pesticides and Allergens. In: Uchenna E. Odoh, Shailendra S. Gurav, Michael O. Chukwuma. *Pharmacognosy and Phytochemistry: Principles, Techniques, and Clinical Applications*. John Wiley & Sons., Inc., (New Jersey, USA). 12th March 2025, pp 315-334. Print ISBN: 9781394203659 |Online ISBN: 9781394203680. <https://doi.org/10.1002/9781394203680>
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Research Experience: 16 years

☐ Doctoral thesis guided : 01 (Awarded); 07 (Ongoing).

☐ Research & Consultancy Projects:

1. Completed Extramural project of Rs. 20.98 lakhs under Research Promotion Scheme financially supported by AICTE, Govt. of India.
2. Successfully conducted and completed 01 Short Term Training Programme (STTP) sponsored by AICTE (Grant received Rs. 3.00 lakhs).
3. Successfully conducted and completed 01 ATAL-Faculty Development Programme sponsored by AICTE (Grant received Rs. 98000).

Membership of Professional bodies: Lifetime member of UNESCO Association, Lifetime member of Indian Pharmacy Graduate Association (LM-3950), Meghalaya Pharmacy Professional Association (Founding Member and Executive member).

Award, Fellowship & Recognition:

- ☐ Qualified National Level Entrance (Graduate Aptitude Test in Engineering, GATE) at IT-BHU (Varanasi) (2007-2009).
- ☐ Awarded Ph.D. fellowship (JRF and SRF) supported by Rajiv Gandhi National Fellowship Scheme for pursuing Ph.D (2010-2013).
- ☐ Recognized as potential reviewer in peer reputed Journal published by Elsevier, Bentham Science, Springer Nature, Taylor & Francis.
- ☐ Recognized Keynote speaker at various State/National and International platform.



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Date: 16.09.2025