

CV of Name



Name: Dr. DAMIKI LALOO

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Sex: Male

Date of Birth: 29<sup>th</sup> October 1985

Educational Qualifications:

Sl. No.	Examination Passed	Year of passing	Board / Council / University	Specialization
1	HSLC/10 <sup>th</sup> 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, Rajkot, Gujarat	Pharmacy
4	Master's Degree (M.pharm)	2009	Indian Institute of Technology, Banaras Hindu University	Pharmacognosy & Natural Products
5	M. Phil. (Please Specify)	-		
6	Ph. D. (Please Specify)	2013	Indian Institute of Technology, Banaras Hindu University	Pharmacognosy & Natural Products
7	Post-Doctoral (Please Specify)			

	Specify)			
8	Others (Post graduate diploma in Spectroscopy)	2008	Dept. of Physics, Banaras Hindu University	Chemistry

Languages known:

Read: English, Hindi

Write: English, Hindi

Speak: English, Hindi

Academic/ Administrative Experience: 10 years

Academic Coordinator (GCU), IQAC coordinator (GIPS), Sports coordinator (GIPS), NBA

Co-coordinator (GIPS), IPR 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 Niscair 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. [*Niscair 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 disubstituted 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, Deka 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 eriosematin 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<sup>+</sup>, K<sup>+</sup>-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, Bharadwaz A, Kaushik D, Kumar S, Sarma H, Kushari S, Bharali A, Deka 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*).

#### Research Experience: 13 years

- Doctoral thesis guided : 03 (Ongoing)
- Research & Consultancy Projects: NIL

Membership of Professional bodies: IPGA (LM-3950), Meghalaya Pharmacy Professional Associate (Founding Member and Executive member).

#### Award, Fellowship & Recognition:

- Awarded Scholarship for qualifying National level Entrance (Graduate Aptitude Test in Engineering, GATE) for pursuing Postgraduate programs (2007-2009).
- Awarded JRF and SRF under Rajiv Gandhi National Fellowship Scheme (2010-2013).



**Dr. Damiki Laloo**  
Scanned Signature

Date: 19.01.2023