

Curriculum Vitae

Dr. H. LALHLENMAWIA
M.Pharm, PhD

Research Area: Drug Discovery, development and analysis. Cosmetics formulation and development.

1.Address and Contact details:

Unit-I Type-IV Quarters
RIPANS COMPLEX
ZEMABAWK Pin: 796017
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(M) +919862480044
(O) +91389 – 2350856

2.Personal information:

Father's Name : THANGCHHUANA
Mother's Name : LALMAWIZUALI
Sex : Male
Spouse : Rosy Zonunsangi
Date of Birth : 10th April, 1977
Category : Schedule Tribe

3.Educations:

Sl.No.	Qualifications	Class/Division	Year	University
1.	HSLC	1 st Division	1993	MBSE
2.	PU(Sc)	2 nd Division	1996	NEHU
3.	B.Pharm	1 st Division	2000	Dibrugarh University
4.	M.Pharm	1 st Division	2003	Jadavpur University
5.	Ph.D (Pharmacy)		2008	Jadavpur University
6.	Qualified GATE		2001	

4.Work experience: Total work experience: 19 years.

Post	Year of Recruitment
Lecturer in the Department of Pharmacy RIPANS	15 th April, 2003

Sr. Lecturer in the Department of Pharmacy RIPANS	6 th January, 2004
Head of Department, Pharmacy, RIPANS	1 st December, 2010 to till date

5. PhD and Post Doctoral Guided:

No of Postgraduate students guided	:	9
Number of PhD Guided	:	3
Number of PhD guiding	:	2
Number of Post Doctoral fellows guided	:	Nil

6. Publications: (Last 5 years)

- 1) Laldusanga Pachuau, **Rajat Subhra Dutta**, Probin Kumar Roy, Pratap Kalita, **H. Lalhlenmawia**, "Physicochemical and disintegrant properties of glutinous rice starch of Mizoram, India." *International Journal of Biological Macromolecules* 95 (2017), 1298-1304.
- 2) Kawl Thanzami, Bibhuti Kakoti, Laldusanga Pachuau, Manuranjan Gohain, **Hauzel Lalhlenmawia** (2017), "Investigation on *Alocasia fornicate* as a novel source of bioactive vegetable oil", *Current Bioactive Compounds* ' vol. 13, 2017.
- 3) Longjam Shantabi, Ganesh Chandra Jageta, Sh. Victoria Devi, **H. Lalhlenmawia**, ' Microscopic evaluation and HPLC profiling of Croton caudatus Geiseler leaf,' *International Research Journal of Pharmaceutical and Biosciences*; 2017, Vol 4 (4) ; ISSN: 2394-5826; e-ISSN: 2394-5834.
- 4) Rajat Subhra Dutta, Lalhlenmawia Hauzel, Probin Kumar Roy, Pratap Kalita, Takhellambam Bidyapati devi, Dhitashree deka, Laldusanga Pachuau (2018) Nanoprecipitated ethycellulose curcumin particles for controlled release and enhanced antioxidant activity,' *Current Nanoscience*; Vol 14, Page 1-9
- 5) Laldusanga Pachuau, Rajat Subhra Dutta, Takhellambam Bidyabati Devi, Dhitashree Deka, **Lalhlenmawia Hauzel** (2018), "Taro starch (*Colocasia esculenta*) and citric acid modified taro starch as tablet disintegrating agents" *International Journal of Biological Macromolecules*; 118 (2018) 397-405
- 6) Laldusanga Pachuau, Rajat Subhra Dutta, **Lalhlenmawia Hauzel**, Takhellambam Bidyapati Devi, Dhitashree Deka, "Evaluation of novel microcrystalline cellulose from *Ensete glaucum* (Roxb.) Cheesman biomass as sustainable drug delivery biomaterial" *Carbohydrate Polymers* 206 (2019) 336-343.
- 7) G. Manuranjan, P. Laldusanga, H. Lalhlenmawia, K. Bibhuti and K. Thanzami (2019), "Physicochemical, Antibacterial And Antioxidant Properties Of Fixed And Essential Oils Extracted From The Peels Of Citrus Macroptera Fruit" *Indian Journal of Pharmaceutical Sciences*, 81(1), 82-88.

- 8) **Laldinchhana**, Rajat Subhra Dutta, **Kawl Thanzami**, **Hauzel Lalhlenmawia** and Lalduhsanga Pachuau,” Evaluation of the Food and Nutrition Value of *Rubus alceifolius* Poir.” *Current Nutrition & Food Science*,2019,15,1-8.
- 9) **Probin Kr. Roy**, Pratap Kalita, **Hauzel Lalhlenmawia**, Rajat Subhra Dutta, KAwl Thanzami, Cherput Zothanmawia, Lalduhsanga Pachuau and Saia Chenkual, “ Comparison of Surgical Site Infection Rate Between Antibacterial Coated Surgical Suture and Conventional Suture: A randomized Controlled Single Centre Study for Preventive Measure of PostOperative Infection” *International Journal of Pharmaceutical Sciences and Research* (2019), Vol 10, Issue 5:
- 10) Trideep Saikia, **Hauzel Lalhlenmawia**,Laldinchhana, Probin Kr Roy, Kawl Thanzami (2020) “ Effect of Polymeric nanoparticles of Curcumin on A549 Cell Line ”. *International Journal of Current Pharmaceutical Research*. Vol 12, Issue 5- 2020.
- 11) Lalit Sharma, Aditi Sharma, Deepak Kumar, Manish Kumar Asthana, **H Lalhlenmawia**, Ashwani Kumar, Sanjib Bhattacharyya (2022) Promising protein biomarkers in the early diagnosis of Alzheimer’s disease. *Metabolic Brain Disease*, January page 1-19
- 12) Abd Umar, James H Zothantluanga, Keerthic Aswin, Saipul Maulana, Muhammad Sulaiman Zubair, **H Lalhlenmawia**, Mithun Rudrapal, Dipak Chetia (2022) Antiviral phytocompounds “ellagic acid” and “(+)-sesamin” of *Bridelia retusa* identified as potential inhibitors of SARS-CoV-2 3CL pro using extensive molecular docking, molecular dynamics simulation studies, binding free energy calculations, and bioactivity prediction. *Structural Chemistry*. <https://doi.org/10.1007/s11224-022-01959-3>
- 13) Arun Kumar , Kshitij RB Singh , Manjunath D. Ghate , **H. Lalhlenmawia** , Deepak Kumar, Jay Singh (2022) Bioinspired quantum dots for cancer therapy: A mini-review. *Materials Letter* <https://doi.org/10.1016/j.matlet.2022.131742>

7. Books chapters contributions:

- (i) R Venkidesh, **Hauzel Lalhlenmawia**, Rajaran Amirthalingam, Thandavarayan, Subash C Mandal
 Chapter : 13 Chemical Entitles from Traditional Medicines.
 Chapter : 14 Herbal leads for Liver Disorders.
 Book : ‘Herbal Drugs’ Edited by Subhash C. Mandal.
 Publishe: : New Central Book Agency(P) Ltd.
 ISBN : 978-81-7381-653-6
- (ii) Siddhartha Datta, Nitin Agarwal, Vivekananda Mandal, **H.Lalhlenmawia**, Subhash C Mandal,
 Chapter : “Phytochemicals: The backbone of Medicinal and Aromatic Plants,”
 Book : Advances in Medicinal and Aromatic plants, Vol-I, Pg: 45, 2014,

ISBN No : (13): 978-7754-525-8.

(iii) K. Thanzami & **H. Lalhlenmawia**

Chapter : Ethnic Fermented Food & Beverages of Mizoram
 Book : Ethnic Fermented Food & Beverages of India: Science History
 Culture
 Page : 337-362
 Publisher : Springer Nature, Switzerland AG
 ISBN : 978-981-15-1486-9

- (iv) Sunil Kumar, Abhishek Kumar Sharma, **H. Lalhlenmawia**, and Deepak Kumar
 Chapter: Natural Compounds Targeting Major Signaling Pathways in Lung Cancer
 Book: Targeting Cellular Signalling Pathway in Lung Diseases
 Page: 821-841
 Publisher: Springer
 ISBN 978-981-33-6826-2 ISBN 978-981-33-6827-9 (eBook) 981-33-6827-9
<https://doi.org/10.1007/978->

8. Major Research project completed:

Sl. No.	Name of Project/Title	Sanctioning Authority & File No.	Amount Sanctioned	Co-ordinator/Status
1.	Investigation of anti-diabetic potential and Phytochemical constituents of <i>Syzygium cumini</i> Linn.	ALL INDIA COUNCIL FOR TECHNICAL EDUCATION (AICTE) F.No.8024/RID/BOR/MOD-115/2008-2009; Dated: 16 th January, 2009.	7.7 lakhs	Dr. H. Lalhlenmawia
2.	Investigation of the Antidiabetic and Antiulcer activity and Isolation of lead molecules from <i>Neosalsometra Clavigera</i>	Dept. of Biotechnology Govt. of India BT/42/NE/TBT/2010; Dated 25 th Feb. 2011.	23.15 lakhs	Dr.H. Lalhlenmawia, Head, Dept. of Pharmacy, RIPANS.
3.	Institutional Biotech Hub	Dept. of Biotechnology Govt. of India BT/04/NE/2009; Dated 21 st Sept. 2010.	27.00 lakhs.	Mrs. K. Thanzami, Asst. Professor, & Co-P.I. Dr. H. Lalhlenmawia, Dept. of Pharmacy, RIPANS.
4	Investigation of Antidiabetic and Antiulcer activity and Isolation of lead	National Medicinal Plants Board. Z.18017/187/CSS/R&D/MZ-01/2014-15 NMPB/320	25.66 lakhs	Dr. H. Lalhlenmawia

	molecules from <i>Lepionurus Sylvestris</i>			
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9. Other trainings attended:

1. Attended Workshop on 'HPLC application' at Chitaranjan National Cancer Institute during 5th – 10th May, 2004
2. Attended Refresher course at Annamalai University during 2nd – 24th October, 2008.
3. Attended Refresher Course at Jadavpur University during 2-20th June, 2007.
4. Attended 'International Conference on Herbal Medicine' at Bangalore during 25th – 28th February, 2009.
5. Attended training on Pharmaceutical Research at Monash University Melbourne, University of South Australia Adelaide, Sydney University during 2nd – 30th October, 2010.
6. Attended training on 'Liquid Chromatography Ion exchange' at Dionex Laboratory, Mumbai on 2nd – 4th June, 2012.

10. Other responsibilities:

1. Central Council Member and Education Regulation Committee members in Pharmacy Council of India.
2. Member, M.Pharm Committee, Pharmacy Council of India
3. Vice President, Mizoram State Pharmacy Council
4. Consultant, Mizoram Food Processing , Research and Training Institute, Seling, Mizoram
5. Member, Mizoram State Medicinal Plants Board.
6. Govt Analyst in ASU Drugs, AYUSH.