

CURRICULUM-VITAE**PROBIN KR. ROY****M. Pharm (Pharmaceutics)****RIPANS, Mizoram****University****Aizawl, Mizoram, India****Email:**probinkr.roy78@yahoo.com**Mob No. +91-7002458918****Permanent Address**

Vill- Debottar Hasdaha Part-

IV, P.O. Kismat Hasdaha,

Dist- Dhubri , Assam-783334,

Personal Details

Father Name:

Late -Nagendra Nath Roy

Mother Name: Sona Bala Roy

DOB:30 Nov,1989

Marital Status: Married

Hobbies & Interests

- Listening to Music
- Watching documentary
- Playing Cricket, football, badminton.

Languages Known

- English
- Hindi
- Assamese
- Bangla

OBJECTIVES

- To impart intrinsic knowledge of the subject in theoretical, practical and research aspects.
- To perceive a career in esteemed organization and indulge high quality of discipline and sincerity in the students to make them successful in their academic, career and produce them as responsible and duty-minded citizens of our country.

STRENGTHS

- Flexibility and ability to work as a team
- Dedicated in works until they are not completed
- Focused provides full concentration to work
- Strongly believe in doing result oriented hard work

Professional experiences

Position Held	Duration		Experience
	From	To	
Assistant Professor, Department of Pharmacy, RIPANS, Aizawl	1 st Nov, 2019	Till date	2 years 6 months
Junior Research Fellow (JRF), Defence Research Laboratory, Tezpur, Assam	13 th Nov.2017	29 th Oct, 2019	1 year, 11 months, 16 days
Research Assistant, Guwahati Biotech Park, IIT Guwahati Campus, Assam	16 th June, 2017	10 th Nov.2017	4 months, 25 days
Lab Assistant, Department of MBBT, Tezpur University, Tezpur, Assam	1st Nov. 2016	15th June 2017	7 months,14 days
Hospital Pharmacist Makunda Christian Leprosy and General Hospital, Karimganj, Assam	13 th Nov.2013	11 th Oct. 2014	11 Months

Professional Qualifications

Degree	Year of Passing	Board/ university	Percentage/ CGPA
M.Pharm (Pharmaceutics)	2016	Mizoram University	8.57
B.Pharm	2013	Mizoram University	70.47%

Academic Qualifications

12 th	2008	AHSEC	68.2%
10 th	2005	SEBA	64.16%

Other Qualifications

Toxicology21:Scientific Applications	2021	Johns Hopkins University (Coursera)	NA
Introduction to Forensic Science	2021	Nanyang Technological University, Singapore (Coursera)	NA
Professional Certification in Pharmacovigilance (PCPV)	2016	Catalyst Clinical Services Pvt. Ltd, New Delhi	73%

PUBLICATIONS

Research Article:

1. Suraj Deka, Surender Prasad, H Lalhlenmawia, **Probin Kr Roy**. Phytochemical profile, fabrication and evaluation of herbal drug. International Journal of Current Pharmaceutical Research. **Accepted Manuscript**.
2. Elu, Kirangngaulule, **Probin Kr Roy**, Phaibiang Lapasam, Charles Lalnunfela, H. Lalhlenmawia, Yasangam Umbon, and T. C. Lalhriatpuii. "Phytochemical analysis and in-vivo screening of pseudodrynaria coronans (wall. Ex. Mett.) Ching on its analgesic and anti-inflammatory properties." *IJP*, 2021; Vol. 8(5): 196-204.
3. Manash Pratim Pathak, Pompy Patowary, Aparoop Das, Danswring Goyary, Sanjeev Karmakar, Yangchen D Bhutia, **Probin Kumar Roy**, Sanghita Das, Pronobesh Chattopadhyay. Crosstalk between AdipoR1/AdipoR2 and Nrf2/HO-1 signal pathways activated by β -caryophyllene suppressed the compound 48/80 induced pseudo-allergic reactions. *Clinical and Experimental Pharmacology and Physiology*. 2021. **(I.F=2.557)**
3. Pompy Patowary, Manash Pratim Pathak, Sumit Kishor, **Probin Kumar Roy**, Sanghita Das, Pronobesh Chattopadhyay, Kamaruz Zaman. Cardiopulmonary function and dysregulated cardiopulmonary reflexes following acute oleoresin capsicum exposure in rats. *Toxicology and Applied Pharmacology*. 2020; 405:115188. **(I.F=4.219)**
4. Hemanga Hazarika, Varun Tyagi, Harshita, Krishnatreyya, **Probin K Roy** et al., Design, development and assessment of an essential oil based slow release vaporizer against mosquitoes. *Acta Tropica*. 2020; 210:105573. **(I.F=3.122)**
5. Trideep Saikia, Hauzel lalhlenmawia, Laldinchhana1, **Probin Kumar Roy**, Kawl Thanzami. Effect of polymeric nanoparticles of curcumin on A549 cell line. *International Journal of Current Pharmaceutical Research*. 2020; 12(5):50-3.
6. Arpita Bhattacharjee, Pranab J Das, Sanjay Dey, Amit Kumar Nayak, **Probin Kr. Roy**, Srijita Chakrabarti, Daphisha Marbaniang, Sanjoy Kumar Das, Subhabrata Ray, Pronobesh Chattopadhyay, Bhaskar Mazumder. Development and optimization of besifloxacin hydrochloride loaded liposomal gel prepared by thin film hydration method using 32 full factorial design. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*. 2020; 585:124071 **(I.F=4.539)**
7. **Probin Kr. Roy***, Pratap Kalita, Hauzel Lalhlenmawia, Rajat Subhra Dutta, Kawl Thanzami, Cherput Zothanmawia, Lalrosangi, Laldusanga 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 post-operative infection. *International journal of pharmaceutical sciences and research*. 2019; 10(5):1000-07 **(I.F=0.27 projected)**
8. Rajat Subhra Dutta, Lalhlenmawia Hauzel, **Probin Kumar Roy**, Pratap Kalita, Takhellambam Bidyapati Devi, Dhitashree Deka, Laldusanga Pachuau*. Nanoprecipitated ethylcellulose curcumin particles for controlled release and enhanced antioxidant activity. *Current Nanoscience*. 2017; 14:298-306(9) **(I.F=1.824)**
9. Laldusanga Pachuaua, Rajat Subhra Dutta, **Probin Kr. Roy**, Pratap Kalita, H. Lalhlenmawia "Physicochemical and disintegrant properties of glutinous rice starch of Mizoram". *International journal of Biological macromolecules*. 2016; 95:1298-1304. **(I.F=6.953)**

Review Article

1. Anima Debbarma, **Probin Kr Roy**, Samia B. Barbhuiya, Jayita Das, Laldinchhana, Hauzel Lalhlenmawia. Bioactive Compound and Nanotechnology: A Novel Delivery Perspective for Diabetic Retinopathy. *Current Bioactive Compounds*. 2020; 17(8), Page no: 01-13

2. Pratap Kalita, **Probin Kumar Roy**, Raja Chakraborty, Saikat Sen, Abdul Baquee Ahmed, Chanam Melody Devi. Historical Development, Preparation, Characterization, and Pharmacokinetics of Nanoparticles: A Review. Asian Journal of Pharmaceutics, 2019; 12(4).
3. **Probin Kumar Roy**, H. Lalhlenmawia, Rajat Subhra Dutta, Pougang Golmei, Pratap Kalita, Iswar Hazarika "A Chronological review on Preclinical and Clinical evaluation of Antimicrobial sutures. Research and Reviews: Journal of Pharmacology (RRJoP).2016; 6:1-4.
4. **Probin Kumar Roy**, H. Lalhlenmawia, Rajat Subhra Dutta, Pougang Golmei, Pratap Kalita, Iswar Hazarika. "A Need of a Novel Antimicrobial Suture for Surgical Site Infection"Research & Reviews: A Journal of Microbiology and Virology. 2016; 6(3).1-4.

Book Chapters:

1. Laldinchhana, **Probin Kumar Roy**, Laldusanga Pachuau. Phytochemical and Pharmacological Profile of Rubus idaeus. Bioactives and Pharmacology of Medicinal Plants, volume 2, Chapter 58. Page no.329-338.
2. Laldusanga Pachuau, **Probin Kumar Roy**, James H Zothantluanga, Supratim Ray, Sanjib Das. Encapsulation of Bioactive Compound and Its Therapeutic Potential. Bioactive Natural Products for Pharmaceutical Applications Publisher: Springer, Cham. **Chapter: 20 Page no: 687-714.**
3. Jahirul Islam, Hemanga Hazarika, **Probin Kr Roy**, Pompy Patowary, Pronobesh Chattopadhyay, Yashwant V Pathak, and Kamaruz Zaman. Regulatory Perspectives and Concerns Related to Nanoparticle-Based Lung Delivery. Handbook of Lung Targeted Drug Delivery Systems Publisher: CRC Press Chapter no.43 Page no:591-609
4. Srijita Chakrabarti, **Probin Kr Roy**, Pronobesh Chattopadhyay, Bhaskar Mazumder. Nanotechnology Prospects of Nanotechnology in Brain Targeting Drug Delivery.Nanotechnology.Therapeutic, Nutraceutical and Cosmetic advances. Chapter 10. CRC Publication. 2019.
5. Pratap kalita, **Probin Kumar Roy**, Supriyo Sen. Agarwood: Medicinal Side of the Fragrant Plant. Herbal Medicine in India. Springer, Singapore.2020.1: 223-236.

CONFERENCES/SEMINARS/TRAINING/WORKSHOP ATTENDED/PRESENTED

1. Participated Short term Training Programme (Slot-II) sponsored by AICTE and Department of Pharmaceutical Sciences, Dibrugarh University.
2. Participated Short term Training Programme (Slot-III) sponsored by AICTE and Department of Pharmaceutical Sciences, Dibrugarh University.
3. Participated two days webinar "DRDO Technologies for north eastern India" by defence Research Laboratory, Tezpur, Assam.
4. Participated online national Webinar "Management of COVID-19" Organized by Apex Professional University.
5. Poster presented in 6th World Congress on Nanomedical Sciences. "Cardio protective activity of syringic acid (SA) against isoproterenol induced myocardial infarction". Organized by Jamia Hamdard and University of Delhi.
6. Attended "One day seminar on Animal Welfare and Ethics" Organized by Department of Pharmacy, RIPANS, Aizawl, Mizoram in association with CPCSEA, Ministry of Environmental Science and Forest, Govt. of India.

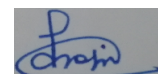
7. Presented poster entitled “In-vitro and in-vivo antioxidant activity of the methanolic extract of *Blumea lanceolaria roxb.druce.*” on national seminar on recent advances and scope in herbal technology: challenges and prospect Organized by Department of Pharmaceutical Sciences, Assam University, Silchar, Assam.

SKILLS AND TECHNIQUES

- Characterization and stability testing of drugs as per ICH protocols
- In-vitro* and *in-vivo* pharmacological evaluation of drugs using animal models
- Pre-clinical toxicological evaluation of drugs and products
- Handling sophisticated analytical instruments like FT-IR, Zeta sizer, HPLC, GC-MS, ECG, Millar pressure volume system (MPVS), double chamber plethysmograph (Head Neck Plythysmograph) etc.
- Experience in handling softwares like GraphPad Prism, Instat, Origin Pro, Adobe Photoshop, Adobe Pagemaker, etc.
- Western blot, PCR, cell culture etc.

Declaration

I hereby declare that all the details mentioned above are in accordance with the truth and fact as per my knowledge and I hold the responsibility for the correctness of the above-mentioned particulars.



Date:

Place:

(Probin Kr. Roy)