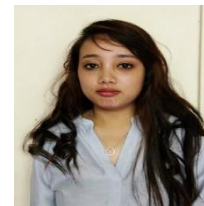


CURRICULUM VITAE

LALDINFELI RALTE, Ph.D
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Educational qualifications:

Sl. No.	Qualifications	Percentage	Institution
1.	Ph.D. (2022)	-	Mizoram University
2.	UGC-NET (2021)	-	
3.	GATE LIFE SCIENCE (2022)	-	
4.	M.Sc (Biotechnology)	68.5%	Mizoram University
5.	B.Sc. (Zoology)	76.5%	Mizoram University

Ph.D. Thesis Title: “DNA barcoding of ethno-medicinal species of Solanaceae in Mizoram”

Experience:

- Taught 10-grade students while pursuing M.Sc. during vacations
- Taught and guide MSc students in their dissertation works while doing Ph.D.

Research Paper Publications:

- **Ralte L**, Khiangte L, Thangjam NS, Kumar A, Singh YT (2022) GC–MS and molecular docking analyses of phytochemicals from the underutilized plant, *Parkia timoriana* revealed candidate anti-cancerous and anti-inflammatory agents. **Scientific Reports**, 12:3395, doi.org/10.1038/s41598-022-07320-2.
- **Ralte L**, Bhardwaj U, Singh YT (2021) Traditionally used edible Solanaceae plants of Mizoram, India have high antioxidant and antimicrobial potential for effective phytopharmaceutical and nutraceutical formulations. **Heliyon**, 7 (9), e07907.
- **Ralte L**, Singh YT (2021) Use of rbcL and ITS2 for DNA barcoding and identification of Solanaceae plants in hilly state of Mizoram, India. **Research on Crops**, 22 (3), 616-623.
- **Ralte L**, Vanlalhruaia, Laha RC and Singh YT (2019) Ethnobotanical use of Solanaceae plants of Mizoram, India. **Asian Journal of Microbiology, Biotechnology and Environmental Science**, 21(1): 225-229.

- Laha R, Lalhriatpuia, Lalmuanpuii R, **Ralte L**, Lalremruata PC (2018) Diversity and ethnobotanical uses of wild edible fruits in Mizoram, Northeast India. **International Journal of Pharmacy and Biological Sciences** 8(2): 132-142.
- Laha R, De-Mandal S, Ralte L, **Ralte L**, Kumar NS, Gurusubramanian G, Sathishkumar R, Mugasimangalam R, Kuravadi N (2017) Meta-barcoding in combination with palynological inference is a potent diagnostic marker for honey floral composition. **AMB Express** 7 (1): 132.
- Laha R, Lalhriatpuia, Lalmuanpuii R, **Ralte L**, Lalremruata PC (2016) Indigenous uses of antidiabetic plants by ethnic inhabitant of Mizoram, Northeast India. **Journal of Medicinal Plants Studies** 4(6): 181-184.
- Lalmuanpuii R, Ralte L, Laha R (2016) Wild Edible Vegetables and Traditional Recipes among two Ethnic Communities of Mizoram, Northeast India. **Proceedings of Mizoram Science Congress** 47-52.

Patent:

- Botanical extract and compounds from *Parkia timoriana* and methods of use (Application No: 202231022779; Date/Time: 18/04/2022, 06:04:42).
- Botanical extract and compounds from *Sapria himalayana* and methods of use (Application No: 202231024093; Date/Time: 25/04/2022, 12:04:21).