

## **IMLITOSHI JAMIR**

Assistant professor

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### **Research interest:**

Identification and characterization of anti-mycotic compounds from selected plants and microbes.

Role of plant metabolite on the epigenetic mechanism of ageing and related disease.

### **Academic Qualification**

Degree	Year	Subject	University/institution	% of marks
B.Sc (honours)	2004	Zoology	Nagaland university	60.0%
M.Sc	2007	Biotechnology	University of Hyderabad	75%
PhD	2018	Biochemistry	University of Hyderabad	

### **Work experience**

Assistant professor, Department of Biotechnology, School of Engineering and Technology, Nagaland University since 2007

**Teaching:** Immunology, Genetics, Agricultural Biotechnology, Recombinant DNA technology, Cell biology, Pollution control and Environmental biotechnology, Bioethics, Plant biotechnology lab and Immunology lab

### **Honours/award:**

GATE: 2007

CSIR-UGC JRF: 2007, 2011

### **Publication:**

Sl.No.	Authors	Title	Name of the journal	Volume	Page	Year
1	<b>Imlitoshi Jamir,</b> Lipenthung Ezung, Liyani Merry, Leimapokpam Tikendra, R.S. Devi, and Potshangbam Nongdam	HeavyMetals Clean Up: The Application of Fungi for Biosorption	Geomicrobiology Journal	41(3)	201- 212	2024

2	Thoungamba Amom, Leimapokpam Tikendra , Angamba Meetei Potshangbam, Nongthombam Bidyananda , Rajkumari SanayaimaDevi , AbhijitDey , Manas RanjanSahoo , Wagner AparecidoVendrame , <b>Imlitoshi Jamir</b> , Potshangbam Nongdam	Conservation strategies for endemic <i>Dendrocalamus manipureanus</i> : A study on genetic diversity and population structure based on molecular and phytochemical markers	South African Journal of Botany	152	106-123	2023
3	Leimapokpam Tikendra, Abhijit Dey, <b>Imlitoshi Jamir</b> , Manas Ranjan Sahoo and Potshangbam Nongdam	Cytokinin influence on in vitro shoot induction and genetic stability assessment of <i>Dendrocalamus latiflorus</i> Munro: a commercially important bamboo in Manipur, North-East India	Vegetos	35	1085–1095	2022
4	Pallavi Deolal, <b>Imlitoshi Jamir</b> and Krishnaveni Mishra	Uip4p modulates nuclear pore complex function in <i>Saccharomyces cerevisiae</i>	Nucleus	13(1)	79-93	2022
5	Abdul Hannan, Neethu Maria Abraham, Siddharth Goyal, <b>Imlitoshi Jamir</b> , U. Deva Priyakumar and Krishnaveni Mishra	Sumoylation of Sir2 differentially regulates transcriptional silencing in yeast	Nucleic Acids Research	43(21)	10213-26	2015
6	Sirupangi Tirupataiah, <b>Imlitoshi Jamir</b> , Indukuri Srividya,	Yeast Nkp2 is required for accurate chromosome	Molecular Biology Reports	41(2)	787-97	2014

	Krishnaveni Mishra	segregation and interacts with several components of the central kinetochore				
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### Book Chapter:

Sl.No.	Authors	Title	Name of the journal	Volume	Page	Year
1	Paonam Sonia, Nandeibam Apana, Leimapokpam Tikendra, Abhijit Dey, Imlitoshi Jamir, Potshangbam Nongdam	Molecular Clonal Fidelity Assessment of Micropropagated orchids Using DNA Markers North-East India	Biotechnology and Crop Improvement	-	37	2022

### Conference paper presented:

2019: XI International Conference on Biology of Yeasts and Filamentous Fungi  
 Topic: A genome-wide screen identifies several genes essential for maintaining nuclear architecture and uncovers novel pathways in *S. cerevisiae*

### Workshop/conference/programme

1. NPTEL (National Programme on Technology Enhanced Learning) workshop on “Education Grid-NPTEL Workshop”, conducted jointly by IIITMK, Trivandrum and Nagaland University at SETAM-NU, Dimapur, May 5-7, 2008
2. DBT sponsored training course on “In silico approach to genome analysis”, Bioinformatics centre, NEHU, Shillong, 5-11 February, 2009
3. AICTE sponsored short term course on “advances in drug discovery”, organized by Dept. of Biotechnology, IIT-Guwahati on 20th-24th July, 2009
4. NER training program on gene cloning, protein biochemistry, structure biology & bioinformatics, ACTREC, Mumbai 13-24 January 2020
5. International conference on Genomes: Mechanism and function” and 82nd annual meeting of the society of biological chemist (India), at the University of Hyderabad, from December 2-5, 2013

6. International conference on “Genome architecture and cell fate regulation” at University of Hyderabad, from December 1-4, 2014
7. XI international conference on the biology of yeast and filamentous fungi at the University of Hyderabad, from 27-29 November 2019
8. 39th Orientation Programme, UGC-HRDC, NEHU, Shillong, 20th Feb - 19th Mar, 2017
9. Refresher Course on Bioinformatics, UGC-HRDC, Mizoram University, Aizwal, 22nd Mar-April 11, 2018
10. Refresher course on engineering and technology, Mizoram University 1st -14th December 2020(online)
11. FDP on student’s induction NIT, Hamirpur, 22-28th June 2019
12. Online short-term course on leadership development, Mizoram university, 12-18 march 2021
13. online UHV Refresher 1 FDP, All India Council for Technical Education(AICTE), 25th April- 29th April 2022
14. Online Refresher course: Recent advance in life science, Madurai Kamaraj university, 17.03.2023-30.03.2023

**Personal information:**

Date of birth: 08.04.1983

Gender: Male

Nationality: Indian

Language: English, Nagamese

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**Declaration:** I do hereby declare that all information furnish above are true to the best of my knowledge

Imlitoshi jamir