

- 1. Full name of the faculty member:** LOPAMUDRA HALDAR
- 2. Designation:** Professor
- 3. Specialisation:** Dairy Microbiology
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drlhalder@wbuaafscl.ac.in
- 5. Academic qualifications:** Ph. D in Dairy Microbiology

College/ university from which the degree was obtained	Abbreviation of the degree
West Bengal University of Animal & Fishery Sciences, Kolkata, WB	B.Sc (Dairy Technology)
West Bengal University of Animal & Fishery Sciences, Kolkata, WB	M.Sc (Dairy Microbiology)
National Dairy Research Institute, Karnal, Haryana	Ph.D. (Dairy Microbiology)

6. Positions held/ holding or Work Experience:

SR. NO	INSTITUTION/PLACE	DESIGNATION	FROM	TO
1	West Bengal University of Animal and Fishery Sciences, Kolkata, West Bengal	Professor	01.09.2020	Till date
2	West Bengal University of Animal and Fishery Sciences, Kolkata, West Bengal	Associate Professor	01.09.2016	31.08.2020
3	ICFAI University Tripura	Assistant Professor	01.09.2008	31.08.2016
4	ICAR-National Dairy Research Institute, Karnal, Haryana	Research Associate	05.11.2005	30.11.2006

7. Awards:

- Best Paper Award for oral presentation in International Conference on Agriculture & Allied Science, The productivity, Food security and Ecology Org. by D/O Ag. Extn., BCKV & Krishi Sanskriti from August, 13-14, 2018
- 3rd Best Paper Award for oral presentation in International Symposium & 8th Conference of Indian Meat Science Asso., India (IMSACON) held at WBUAFS, Kolkata from 22-24 Nov., 2018.
- Best Paper Award for oral presentation in National Seminar organized by Indian Society of Extension Education (ISEE) at WBUAFS, Kolkata from 5-7 Dec., 2018
- Best Poster Award in the 47th Dairy Industry Conference organized by Indian Dairy Association at Patna from 7-9 February, 2019.

8. Other notable activities:

- Principal Investigator of ICAR-World Bank funded NAHEP Project entitled 'Strengthening Post-Graduate Education and Outreach Programmes at Faculty of Dairy Technology, West Bengal University of Animal and Fishery Sciences, Kolkata, West Bengal' during July 2019 to December 2023
- Co-operating Centre Principal Investigator (CCPI) of the ICAR-NASF funded project entitled 'Development of novel strategy for the detection and tackling of Antimicrobial resistant (AMR) Mastitis pathogens in dairy animals and environment using nanotechnology' during February 2024 to February, 2027
- FSSAI training partner FOSTAC recognized Empanelled Trainer

9. Publication:

a. Journals (National & International): With NAAS Rating, if any

International Publications:

1. Halder, K., Sahu, J. K., Naik, S. N., Kumar, A., Yadav, R., **Haldar, L.**, Mandal, S. and Debnath, A. (2025). Production of Indian cultured butter (makkhan) from buffalo creams with varied fat globule size: Process improvement and quality assessment. *International Dairy Journal*, 164, 106184. Naas Rating: 9.40
2. Karmakar P , Ray PR , Chatterjee PN, Mahato A and **Haldar L** (2022) Potential of Zinc Oxide Nanoparticle for Dietary Fortification in Yoghurt: Physicochemical, Microbiological, Rheological and Textural Analysis. *Asian Journal of Dairy and Food Research*. 10.18805/ajdfr.DR-1846 NAAS : 5.44
3. **Haldar, Lopamudra**, and Gandhi, D.N. (2020). Development of vacuum-dried probiotic milk powder with *Bacillus coagulans*. *International Journal of Dairy Technology*, Wiley, NAAS :8.80
4. **Haldar, Lopamudra**, and Gandhi, D.N. (2018). Cholesterol-lowering effects of *Bacillus coagulans* B37 and *Bacillus pumilus* B9 strains in a rat animal model. *Indian Journal of Animal Research*. Accepted January, 2018, Online published May, 2018, DOI: 10.18805/ijar.B-3549 NAAS: 6.50
5. **Haldar, Lopamudra** and Gandhi, D.N. (2016). Effect of oral administration of *Bacillus coagulans* B37 and *Bacillus pumilus* B9 strains on faecal coliforms, *Lactobacillus* and *Bacillus* spp. in rat animal model. *Veterinary World*. 9(7): 766-772. NAAS 8.00
6. **Haldar, Lopamudra**, Gandhi, D.N. and S, De.(2016). Single stand conformation polymorphism (SSCP) of *Bacillus* species using *rec A* candidate gene approach. *International Journal of Agriculture Sciences*. 8(16): 1300- 1302. NAAS 4.18

National Publications:

1. Manik, S., Debnath, A., Hossain, S., Debnath, P. P., Roy, K., Ray, P. R. and Haldar, L. (2025). Feasibility assessment of sensorial accepted novel dairy based dip during storage. *Indian Journal of Dairy Science*, 78(3), 201-207. Naas Rating: 6

b. Books/ Books chapter:

1. Debnath, A., Roy, K., Debnath, P. P., Haldar, L., Barman, A. K., & Veena, N. (2024). Microbiological analysis of dairy products. In *Analytical methods for milk and milk products: Volume 3. Microbiological analysis, isolation, and characterization* (pp. 81–212). Edited by M. R. Goyal, N. Veena, & S. K. Mishra Apple Academic Press. <https://doi.org/10.1201/9781032676074-5>
2. Haldar, L., Raghu, H.V., Ray, P.R. (2022) Milk and Milk Product Safety and Quality Assurance for Achieving Better Public Health Outcomes. In: Kumar, A., Kumar, P., Singh, S.S., Trisasongko, B.H., Rani, M. (eds) *Agriculture, Livestock Production and Aquaculture*, pp. 217-259 Springer, Cham. https://doi.org/10.1007/978-3-030-93258-9_13
3. Ray, P.R., Haldar, L., Sen, C., and Bhattacharyya, M. (2022) Decontamination of Milk and Milk Products. In: Mansoor Ahmad Shah and Shabir Ahmad Mir (eds) *Microbial Decontamination of Food*. pp. 259-275. Springer Nature ISBN: 978-981-19-5116-9.
4. Haldar L. and Saha S. (2019) Genetic Improvement of Dairy Starter Cultures and Lactic Acid Bacteria. In: Goyal, M.R., & Hati, S. (Eds.) *Engineering Practices for Milk Products: Dairyceuticals, Novel Technologies, and Quality* (1st ed.). pp. 223-250. Apple Academic Press. <https://doi.org/10.1201/9780429264559>