Brief Resume of Dr. ….

Name of the scientist.-Dr. Lamella Ojha
Designation- Scientist, Animal Nutrition
ICAR-Mahatma Gandhi Integrated Farming Research Institute (MGIFRI), Piprakothi-845429, Motihari, East Champaran, Bihar
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Born: 27/04/1991


Photograph

Research Specialization

Probiotic supplementation in calves, utilization of silicon in crossbred calves, and use of crop residues and agro-industrial by-products in livestock feeding for improving animal health, nutrient utilization, growth performance, and sustainable livestock production.

Academic Background

B.V.Sc. & A.H.(2010–2015)	West Bengal University of Animal and Fishery Sciences, Kolkata- 700037, West Bengal, India
M.V.Sc. 2015–2017)	ICAR-National Dairy Research Institute, Karnal- 132001, Haryana, India
Ph.D.((2017–2022)	ICAR-National Dairy Research Institute, Karnal- 132001, Haryana, India

Professional Service Experience

Veterinary Officer	19, September, 2019-July 3, 2025	Animal Resources Development (ARD) Department, Government of West Bengal
Scientist (Animal Nutrition)	July 7, 2025-Present	ICAR-Mahatma Gandhi Integrated Farming Systems Research Institute, Motihari-845429, Bihar

Awards, Honours & Recognitions

Best poster presentation awards	Best poster presentation awards on entitled 'Dietary supplementation of Lactobacillus acidophilus on gut health assessment in Murrah buffalo calves' at International Conference on Animal Nutrition, 2019
Best poster presentation awards	Best poster presentation awards on entitled 'Silicon content in various feed and fodders and their bioaccessibility/release (%) by three stage in vitro solubility technique' at National symposium, by RMSI, ICAR-IGFRI, Jhansi, Uttar Pradesh, 2022
Best PhD thesis award	Best PhD thesis award in Indian veterinary association, Lady Wing, 2025

Publications

Publications

Research papers:

1. **Ojha, L.,** Malik, R., Mani, V., Singh, A. K., & Singh, M. (2025). Influence of silicon supplementation on growth, immunity, antioxidant, hormonal profile and bone health biomarkers in pre-ruminant crossbred calves. *Biological Trace Element Research*, *203*(1), 187-198.
2. **Ojha, L.**, Malik, R., Mani, V., & Singh, M. (2023). Total as well as bioaccessible silicon profile in commonly available feedstuffs for livestock feeding in tropical condition. *Silicon*, *15*(18), 7893-7902.
3. **Ojha, L.,** Kumar, S., Kewalramani, N., Sarkar, S., & Tyagi, A. K. (2018). Growth and haematological parameters in murrah buffalo calves as affected by addition of Lactobacillus acidophilus in the diet. *Indian Journal of Animal Nutrition*, *35*(3), 282-289.
4. **Ojha, L.,** Kumar, S., Kewalramani, N., Sarkar, S., Singh, A. K., & Tyagi, A. K. (2020). Effect of dietary supplementation of Lactobacillus acidophilus on blood biochemical profile, antioxidant activity and plasma immunoglobulin level in neonatal Murrah buffalo calves. *Indian Journal of Animal Sciences*, *90*(1), 48-54.
5. **Ojha, L.,** Kumar, S., Kewalramani, N., Sarkar, S., & Tyagi, A. K. (2022). Effect of Milk Fermented with Lactobacillus acidophilus NCDC15 on Nutrient Digestibility, Faecal Biomarkers and Immune Response in Murrah calves. *Brazilian Archives of Biology and Technology*, *64*.
6. Anderson, P., Malik, R., **Ojha, L.,** Adjei-Mensah, B., & Naliyapara, H. B. (2022). Investigations on modulating effect of three tropical red seaweed by-products on growth performance, immuneresponse, antioxidant status and endocrine variables in crossbred calves. *Journal of Applied Phycology*, 1-13.
7. Singh, A. K., Singh, V., Ram, M., Kerketta, S., **Ojha, L.**, Kumari, P., & Rajak, S. K. (2025). Combatting Cadmium Toxicity in Animals with Nature-Derived Remedies: Mechanisms and Mitigation. *Biological Trace Element Research*, 1-22.

8. Tariq, H., Sharma, A., Sarkar, S., **Ojha, L.,** Pal, R. P., & Mani, V. (2020). Perspectives for rare earth elements as feed additive in livestock—A review. *Asian-Australasian Journal of Animal Sciences*, *33*(3), 373.
9. Sarkar, S., Sharma, A., Tariq, H., & Satapathy, D. Pal, R P., **Ohja, L** ., &..Role of Rumen Bypass Nutrients in Dairy Animal's Health and Productivity: A Review. *Indian Journal of Animal Research*, *1*, 9.
10. Chauhan, N., Kansal, G., Yadav, D. K., Yadav, P., Singh, P., **Ojha, L**., & Naliyapara, H. B. (2022). Properties of nano minerals, preparation, benefits and effects on livestock: an overview. *Journal of Experimental Zoology India*, *25*(2).

Book chapters:

Book Chapters:

1. Singh, A. K., Mahesh, M. S., **Ojha, L.,** Choubey, M., Kumari, P., & Chaudhary, S. K. (2023). Lead: Exposure risk, bio assimilation and amelioration strategies in livestock animals. In *Lead toxicity: Challenges and solution* (pp. 51-87). Cham: Springer Nature Switzerland.
2. Singh, A. K., **Ojha, L.,** Kumari, P., Choubey, M., & Chaudhary, S. K. (2024). Phytochemicals as natural feed additives for ruminants. In *Feed additives and supplements for ruminants* (pp. 167-196). Singapore: Springer Nature Singapore.

❖ Review articles: 7; Book chapters: 5; Popular articles: 20

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