

## DR DAU LAL BOHRA



### CONTACT

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- Khaberi changioniyo ki Gali, Batron Ka Chowk, Bikaner-334001, Rajasthan India

### SKILLS

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Computer: Proficient in Microsoft office tools, Statistics software, Biological information data based, Redlist database

Languages: Hindi and English

Laboratory : Fluorescent microscopy, Cell and tissue culture, bacterial cultures and identification, Molecular Biology lab "B" type, Experiment design, Thermoregulation, GPS Bird migration monitoring, Behavioural Assays, IPM, Wildlife conservation

### REFERENCE

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Dr R K Singh - "Director, Indian Veterinary Research Institute, Izatnagar, Bareilly, U.P"  
Chairman, FDA

Dr S K Kashyap - "RAJUVAS"  
Dean & Head, Department of Veterinary Microbiology and Biotechnology

### OBJECTIVE

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To work in an environment which encourages me to succeed and grow professionally where I can utilize my skills and knowledge appropriately.

### EXPERIENCE

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1 July 2008 - 31 March 2009 1 April 2009 - 10 September 2009	Shekhawati PG College, Sikar Lecturer, Department of Zoology
16 September 2009 - 31 March 2014	Bombay Natural History Society (BNHS), Mumbai Microbiologist Vulture Advocacy Program
16 July 2014 - Continue	National Research Centre on Camel (NRCC), Bikaner Senior Research Fellow Camel Nutritionists and AICRP Project manager
	Seth G. B. Podar College Nawalgarh Jhunjhunu Rajasthan India Head, P.G. Department of Zoology Teaching and Research

### EDUCATION

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2002	MDS University, Ajmer, Rajasthan Bachelor of Science (B.Sc.)
2004	MGS University, Bikaner Master of science (M.Sc.)
2009	MGS University, Bikaner Doctor of Philosophy (Ph.D.)
2005	CVAS, RAJUVAS, Bikaner Certificate course in Clinical Microbiology (CCM)

### ACHIEVEMENTS & AWARDS

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- 1) Bharat Shiksha Ratna Award (2015) on Individual Achievements and National Development organized by the Global Society for Health and Educational Growth.
- 2) FABSC, Fellow, Association for the Advancement of Biodiversity Science (2015)
- 3) Independence Day Celebration award (2017) by SDM Nawalgadh Shri D.P. Meena for Biological Research in Shekhawati region Rajasthan.
- 4) Research Excellence Award (2016) by THE INDUS FOUNDATION in INDO-AMERICAN EDUCATION SUMMIT

- 5) SAMRASTA Award (2019) by Indo-Nepal Samrasta Organization, Kathmandu, Nepal
- 6) FSEZR, Fellow, Society of Entomology and Zoology Research (2019)
- 7) Ram Singh Memorial animal's welfare National Excellence Award (2020) for recognized for significant contribution for prevention to cruelty to animals and enhancement of animal welfare." By Pashudhan Praharee, U.P
- 8) District level Award (2020) for Wildlife Conservation and Protection on Occasion of 71th Republic Day of India 2020 from Shri (Dr) B D Kalla, Cabinet minister Energy and Power, PHED Government of Rajasthan, India and District Collector, Bikaner Shri Gutam Kumar
- 9) Fateh Singh Rathore Wildlife Conservation Award (2020) presented by Mr. YK Sahu, Retired CCF, Rajasthan by Tiger Watch, working in and around Ranthambhore towards the conservation of tigers.
- 10) Wildlife conservation Achievement Award (2021), Pashudhan Praharee, U.P

## **PUBLICATION**

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1. Bahura, C.K. and Bohra, D.L. 2006. Comparative limnological studies of two village ponds in the Thar desert of India. Zooplankton, Abst. Proc. Natl. Conf. Conserv. Mang. Fau. Div. Raj.: 80.
2. Bahura, C.K., Shekhawat, Rinku, Bhati, D.S., and Bohra, D.L. 2006. Faunal diversity of Bawaries in the Thar desert. Abst. XXXIV RGA Natl. Conf. Envir. Conserv. Res. Manag. , 114.
3. Bohra, D.L., Kashyap, S.K., Maherchandani, S, and Bahura, C.K. 2007. Aerobic bacteria in upper respiratory tract of horse. Abst. Natl. Conf. Emer. Trends Micro. Biotech. , 125.
4. D. L. Bohra, S.K. Kashyap, S. Maherchandani, C.K. Bahura. (2008) Comparative study of the aerobic bacteria in upper respiratory tract of horses and donkey. Veterinary Practitioner 2008 Vol. 9 No. 1 pp. 50-51
5. D. L. Bohra, N. Shah, S. K. Kashyap, S. Maherchandani, C. L. Bahura (2009) Occurrence of coagulase positive staphylococci in horses with reference to organized and non-organized equine farms. Abst. Proc. 11th International Congress of the World Equine Veterinary Association. 24 – 27 September 2009 Guarujá, SP, Brazil, 237.
6. Dau Lal Bohra. Conservation status of bats in Bikaner District of Rajasthan. Small Mammal Mail- Bi-Annual Newsletter of CCINSA & RISCINSA, Volume 3, No 1, Jan-June 2011.
7. Dau Lal Bohra, Vikas Modasiya and Chandan Kumar Bahura (2011) Distribution of Coliform bacteria in waste water. Microbiology Research 2012; 3:e2, doi:10.4081/mr.2012.e2
8. N. Saini, B. D. Kiradoo D. L. Bohra. Mineral & Bio chemical profile in dromedary conceived & non- conceived female camels. In Proceeding of Live stock productivity enhancement with available feed resources by ANSI at G. B. Pant University of Agri.& Technology, Pantnagar. 3-5 November, 2011, Pp. 356-357

9. N. Saini, B.D. Kiradoo D. L. Bohra and K.M.L.Pathak. Assessment of micro mineral content in feed, blood, hair of camels maintained in irrigated North Western plain of arid zone of Rajasthan. Abst. Proc. Live stock productivity enhancement with available feed resources by ANSI at G. B. Pant University of Agri.& Technology, Pantnagar. 3-5 November, 2011, Pp. 354-356
10. C.K. Bahura, D.L. Bohra and Vikas Modasiya. (2012) Survey of fluoride content in drinking water in some rural areas of Bikaner, Rajasthan. Abst. Proc. National Seminar on Environmental Management & Biodiversity Conservation (Present status & Future Strategy) (October 6-7, 2012) Page-21.
11. C.K. Bahura, D.L. Bohra and Vikas Modasiya. (2012) Assessment of Ground water quality with special mention to fluoride content in some villages of Sardarshahar (Rajasthan). Abst. Proc. National Conference on "Environmental Pollution-Challenges & Remediation" (October 19-20, 2012)
12. Vikas Modasiya, Dau Lal Bohra and Chandan Kumar Bahura (2012) Study of Physico-chemical parameters of wastewater of various regions of Bikaner city, Rajasthan. Journal of Chemical, Biological and Physical Sciences, 2012, Vol.3, No.1, 588-592.  
[http://www.jcbosc.org/journal/Paper/Vol\\_3\\_I\\_1\\_2012/D6.pdf](http://www.jcbosc.org/journal/Paper/Vol_3_I_1_2012/D6.pdf)
13. Dau Lal Bohra, C. K Bahura and S K Kashyap. (2012) Antibigram of Streptococcus spp. Isolates in upper respiratory tract and skin sample of equines. Adv. Pharmacol. Toxicol. 13 (3) 2012, 13-15.
14. Bohra, Dau Lal, and Bahura, Chandan Kumar, (2012) Report of Albino Rhinopoma micrphyllum Kinneri sighted in Thar Desert. Small Mammal Mail-Bi-Annual Newsletter CCINSA & RISCINSA ,4(2) :40-41.(1 & 2) : 45 - 48.
15. Dau Lal Bohra. (2012)Vulture decline in Bikaner, Jorbeer, Rajasthan. CURRENT SCIENCE, VOL. 103, NO. 10, 25. Page No. 1141.
16. N.Saini, S. C. Mehta, N.V. Patil, D.L. Bohra and B.D.Kiradoo (2013) Prediction equation for estimating live body weight of dromedary calves. Journal of camel practice and research. Vol 20 No 1, p 3-5.
17. N. Saini. B. D. Kiradoo & D. L. Bohra .(2013) Micro mineral profile of some feeds and forages of camels in transitional plain of Inland drainage (RJ-3). Indian Journal of Animal Nutrition, 30 (3): 285-288.
18. N. Saini, B.D. Kiradoo D. L. Bohra and K.M.L.Pathak. Assessment of micro mineral content in feed, blood, hair of camels maintained in irrigated North Western plain of arid zone of Rajasthan. Indian Journal of Animal Sciences. 84(6):675-678
19. Dau Bohra, Chandan Bahura. (2013) Rhodococcus equi: AIDS Abst. Proc. 13th International Congress of the World Equine Veterinary Association WEVA, October 3 - 5, 2013 Budapest, Hungary. 58.
20. Dau Bohra, Chandan Bahura. (2013) Association of Streptococcus equi subspecies zooepidemicus with respiratory disease in horse due to local transport. Abst. Proc. 13th International Congress of the World Equine Veterinary Association WEVA, October 3 - 5, 2013 Budapest, Hungary. 114.

21. Dau Bohra, Chandan Bahura. (2013) Feeding resources for indigenous donkey  
 Abst. Proc. 13th International Congress of the World Equine Veterinary Association WEVA, October 3 - 5, 2013 Budapest, Hungary. 118
22. DL Bohra, CK Bahura, S Vyas (2016) Impacts of Rhodococcus equi on acquired immunodeficiency syndrome: a review.  
 Proceedings of the National Academy of Sciences, India Section B: Biological Sciences, Vol. 86, Issue 3, pp 523-528.
23. ANIL K. SHARMA , MOHINI SAINI , SHAMBHU D. SINGH , VIBHU PRAKASH, ASIT DAS, BHARATHI DASAN R., SHAILEY PANDEY, DAU LAL. BOHRA, TOBY H. GALLIGAN , RHYS. E. GREEN , DIETMAR KNOPP, RICHARD J. CUTHBERT Diclofenac is toxic to the steppe eagle (*Aquila nipalensis*): widening the diversity of raptors threatened by NSAID misuse in South Asia. (2014).  
 Birds conservation International. Bird Conservation International. 24(3)DOI:10.1017/S0959270913000609
24. Dau Lal Bohra and Shradha Vyas . (2013) Rescue of micro-bats in Bikaner, Rajasthan, India.  
 Small Mammal Mail- Bi-Annual Newsletter of CCINSA & RISCINSA, Volume XXVIII, Number 7 July 2013. Pp. 23-26.
25. Dau Lal Bohra, C. K Bahura , S. Maherchandani, and S K Kashyap. (2013) Upper respiratory tract and skin diseases of horses in Indian desert: case study.  
 Advances in Pharmacology & Toxicology . 2013, Vol. 14 Issue 3, p15-20. 6p.
26. DAU LAL BOHRA (2013) Impact on Veterinary Painkiller (Diclofenac) on Black Vulture.  
 Birds of Andalusia. 15-16.  
<http://www.andaluciabirdsociety.org/article-library/about-birds/273-impact-on-veterinary-painkiller-diclofenac-on-black-vulture.html>
27. DAU LAL BOHRA, (2013) Migratory vulture's conservation in Bikaner, Rajasthan, India. Rajasthan, India.  
 Abst. Proc. Eighty-third Annual Meeting of the. Cooper Ornithological Society, 14 - 17 August 2013, Chicago, IL, pp-311.
28. Dau Lal Bohra and Sradha Vyas . (2014) Mortality of vulnerable migratory and local vulture's species including (*Gyps*) in Jorbeer, Bikaner, Rajasthan, India.  
 Wingspan 23 (1) March, 2014. 16-18.
29. Dau Lal Bohra and Sradha Vyas (2014) India's Vanishing Vultures.  
 World Wild .17-19.
30. N. Saini, B.D. Kiradoo D. L. Bohra (2014) Impact of feeding on growth performance, blood biochemical and mineral profile of pre-pubescent camels under pastoral management in arid western Rajasthan.  
 Tropical Animal Health and Production (In press) DOI: 10.1007/s11250-014-0589-2.
31. Dau Lal Bohra, Vikas Modasiya and Chandan Kumar Bahura (2014) Zooplankton (Protozoan & Rotiferan) population in the sewage water.  
 Inter. Journal of Geology, Earth and Environmental Sciences. Vol. 4 (1) pp. 121-125.
32. Vikas Modasiya, Dau Lal Bohra, Ghanshyam Daiya and Bahura, C.K. (2014). Observations of fluorosis in domestic animals of the Indian Thar Desert, Rajasthan, India.  
 Intl. J. Adv. Res., 2(4): 1137-1143.

33. Dau Lal Bohra, Sradha Vyas, and Maha Singh Rao (2017) THE THERMOREGULATORY ADVANTAGES OF HEAT STORAGE AND MIMICRY BEHAVIOUR OF KATYDIDS IN THAR DESERT.

Cibtech Journal of Zoology Vol. 6 (1) January-April, pp.34-40.

34. Dau Lal Bohra, Charu Choudhary, (2019) Arousal capacity of hibernating scotophilus kuhlii by infrared capacity.

Abst. Proc. International Conference on Recent Trends in Environment and Natural Sciences - ICRTENS - 2019, Sikar, Rajasthan pp-311.12-13 February, 2019.

## INTERNATIONAL MEMBERSHIP

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- World Commission on Protected Areas (WCPA) IUCN
- Wildlife Health Specialist Group (WHS) IUCN
- Eco-ethics International Union, Nordbunte 28, 31385 Oldendorf / Luhe, Germany.
- IVIS, Ithaca, NY
- Maxwell H. Gluck Equine Research Center, University of Kentucky, Lexington, Kentucky USA, 40546-0099.
- American Society for Microbiology
- IUCN SSC Chiroptera Specialist Group
- Ornithological Societies of North America: OSNA
- The American ornithologist's Union
- The Raptor Research Foundation
- The Water bird society
- The Association of field ornithologist
- Desert Net International

## CONFERENCES AND SEMINARS

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1. Rajasthan University and University Grant Commission Sponsored National Conference Conservation on Management of Faunal Diversity of Rajasthan, 11- 13 Aug, 2006. Rajasthan Geographer's Association & Dept. Of Science & Technology XXXIV RGA National Conference on Environmental Conservation & Resource Management, Oct. 31-Nov. 02, 2006.
2. State Level Workshop "Faunal & Floral Diversity of Rajasthan: Importance and Conservation" in Keoladeo National Park, Bharatpur, Organized by Society of Research in Ecology & Environment (SHREE) in Collaboration with Forest Deptt., Keoladeo National Park, Bharatpur & Maharani Shri Jaya P.G. College, Bharatpur, Rajasthan. 27- 28 Dec, 2006.
3. Nation Conference on Emerging Trends in Microbiology and Biotechnology, Organized Jointly by Dr. Tanveer Malawat college of Bioscience & Society of basic and applied Microbiologists, Bikaner.
4. 10TH INTERNATIONAL CONGRESS OF WORLD EQUINE VETERINARY ASSOCIATION. Moscow, 2008. (Poster presentation)
5. International Congress of World Equine Veterinary Association - WEVA (ABSTRACT ONLY) 2009
6. National conference on Desert : its Biodiversity and conservation organized by department of Zoology , Jai Narain Vyas University , Jodhpur & JNHS, Jodhpur on February 9, 2010 .
7. International Symposium on "Role of biotechnology in conserving biodiversity and livestock development for food security and poverty alleviation"& XVII Annual Convention of Indian Society of Veterinary Immunology & Biotechnology" Organized Jointly by Dept. of Veterinary Microbiology & Biotechnology, CVAS, Rajasthan University of Veterinary & animal Science, Bikaner-334001 (Rajasthan).
8. Status and conservation of critically endangered Gyps vultures (*G bengalensis*) in Pilibhit, UP India. Bohra, D.L. in proc. of National seminar on "Desert: It's Biodiversity and conservation" organized by Dept. of Zoology, JNV University, Jodhpur, Rajasthan.
9. Conservation status of Gyps Vulture in India. Bohra, D.L (IP-2) P.No61 in pro. of International Symposium on "Role of biotechnology in conserving biodiversity and livestock development for food security and poverty alleviation"& XVII Annual Convention of Indian Society of Veterinary Immunology & Biotechnology" in CVAS, Rajasthan University of Veterinary & animal Science, Bikaner-334001 (Rajasthan).
10. Biodiversity of Megachirpterans and Microchiropteran bats in Bikaner City. Bohra, D.L (IP-6) P.No63 in pro. of International Symposium on "Role of biotechnology in conserving biodiversity and livestock development for food security and poverty alleviation"& XVII Annual Convention of Indian Society of Veterinary Immunology & Biotechnology" in CVAS, Rajasthan University of Veterinary & animal Science, Bikaner-334001 (Rajasthan).
11. Biotechnological approach in nutritional studied. Saini, N., Patil, N.V., Nagpal, A.K., Bohra, D.L. and Kiradoo, B.D. (VI-9) P.No. 58 in pro. of International Symposium on "Role of biotechnology in conserving biodiversity and livestock development for food security and poverty alleviation"& XVII Annual Convention of Indian Society of Veterinary Immunology & Biotechnology" in CVAS, Rajasthan University of Veterinary & animal Science, Bikaner-334001 (Rajasthan).
- International conference on advances in ecological research (ICAER 2011) organized by Maharaja Ganga Singh University, Bikaner ( December 19 - 21, 2011)
12. National Conference on Environmental Pollution - Challenges & Remediation organized by Department of Chemistry, Marudhar Engineering College, Bikaner from October 19 - 20 , 2012. (ix)
13. DAU LAL BOHRA and SRADHA VYAS (2014) Diclofenac Poisoning of Avian Scavengers at Jorbeer, Save Vulture Community, Bikaner, Rajasthan, India. Raptor Research Foundation 2014 Conference September 24th-28th Corpus Christi, Texas page no 19.
14. Dau Lal Bohra "Human Impact on Steppe Eagle and other Birds

of Prey in North-West Rajasthan, India” (2018) International Scientific and Practical Conference “Eagles of Palearctic: Study and Conservation” September 7-10, 2018, Nagornaya str., 1, Katun village, Altai Kray, Russia, 659635

## INTERNATIONAL TRAINING

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- Small Mammal Field Techniques Training (10-14 Nov, 2011)  
Held at college of Forestry, Kerala Agricultural University, Thrissur, Kerala, India, Organised by CCINSA, RISCINSA, ZOO's and sponsored by Chesster Zoo, UK and Conservation Breeding Specialist Group, USA.
- Asian Multi Species Vultures Action Plan (MsAP) on 29-30 November 2016, Mirador Hotel, Mumbai, India by IUCN, CMS, VCF, Birdlife International, SAVE and RRF.
- International Scientific and Practical Conference “Eagles of Palearctic: Study and Conservation” September 7-10, 2018  
Nagornaya str., 1, Katun village, Altai Kray, Russia.