

Biodata of Kumari Beenam for the post of Assistant professor, Physiology & Biochemistry

1. Name of the applicant: Kumari Beenam
2. Father's name : Shri Suresh Pal Singh
3. Date of Birth : 15th May 1982
4. Gender : Female
5. Category : General
6. Contact:
 - (i) M: 08950721953
 - (ii) E.Mail: beena10baliyan@gmail.com
7. Educational qualifications:

S.No.	Academic qualification	Board/ Uni.	Year of passing	Percent marks
1.	M.Sc (Biotechnology)	C.C.S. University, Meerut	2003	68.1
2.	B.Sc	C.C.S. University, Meerut	2001	56.3
3.	Intermediate	U.P. Board Allahabad	1998	53.4
4.	High School	U.P. Board Allahabad	1996	54.5

8. WORK-EXPERINCE

- Worked as lecturer at Smt. Kaushal Hospital Institute of Medical Science and Research center Sharanpur (Uttar Pradesh) from **25-12-2003 to 30-12-2005 (two years)**.
- Worked as Senior Research Fellow in the Network Project on **“Adaptation & Facilitation of Livestock to impending climatic changes through shelter management”** at Division of Dairy Cattle Physiology, National Dairy Research Institute, Karnal (Haryana) from **26/8/2010 to 16/3/2012 (one Year 7 months)**
- Worked as Senior Research Fellow in the Network Project on **“National Initiative on Climate Resilient Agriculture”** at Division of Dairy Cattle Physiology, National Dairy Research Institute, Karnal (Haryana) from **17/3/2012 to 24/7/2013 (one year 4 months)**.
- Presently working as Senior Research Fellow in the DBT Project on **“Bioacoustics tool: A novel non-invasive approach for efficient monitoring of health and productivity in dairy animals”** at Livestock Production Management, National Dairy Research Institute, Karnal (Haryana) from **26/7/2013 to till date.(i.e. 28/01/2016: Two years 6 months)**

Secretary Assita Society

1- Biodata is good, good no. of publications.

2- There is one course of Biotechnology in BLSom (VPB221) in Physiology & Biochemistry Dept. for which she will be very useful and can teach Biochemistry. She can be appointed as Asst. Professor in this Dept. on Biochemistry and Consolidated Salary of as is Biochemistry non vet are allowed by VET

[Signature]
28/01/2016

Sir,
Accordingly (A.P.)
rules follow
[Signature]
5/1/2016

- Teaching of Practicals in the subject of Physiology M.Sc/M.VSc classes at Division of Division of Dairy Cattle Physiology, NDRI Karnal while in the Division of Livestock production Management NDRI Karnal.

Total Experience = Approximately 7 years 4 months

9. Publications : **List enclosed**

Reference:

* Dr. Sohan Vir Singh, Principal Scientist, Dairy Cattle Physiology, National Dairy Research Institute Karnal- 132 001, Haryana

*DR. S.S. Lathwal Principal Scientist, Livestock Production management, National Dairy Research Institute Karnal- 132 001, Haryana

Declaration: I hereby declare that the above information is correct to the best of my knowledge.

Dated: 28/01/2016

Place: Karnal

Beenam
28/01/16

(Beenam)

List of Publications:

Research Papers in refereed Journals:

1. Chandra Bhan, S. V. Singh, O. K. Hooda, R. C. Upadhyay, **Beenam** and M. Vaidya, (2012) Influence of temperature variability on physiological, hematological and biochemical profile of growing and adult Sahiwal cattle. *Journal Environment Research & Development* 7 (2A): 986-994.
2. Chandra Bhan, S.V. Singh, O.K. Hooda, R.C. Upadhyay and **Beenam** (2013) Influence of temperature variability on physiological, hematological and biochemical profile of growing and adult Karan Fries cattle. *Indian Journal Animal Science* **83 (10)**: 1090–1096.
3. Chandra Bhan, Singh, S.V., Upadhyay, R.C., Hooda, O.K. and **Beenam, Baliyan** (2013) Impact of temperature variability on physiological, hematological and biochemical profile of growing and adult Murrah buffaloes. *Journal of Agrometeorology* **15** (Special Issue-II) : 146-152 .
4. S.V. Singh, O.K. Hooda, Baban Narwade, **Beenam** and R.C. Upadhyay (2014) Effect of cooling system on feed intake, body weight gain and Physiological responses of Murrah Buffalo during Summer Conditions. *Indian Journal of Dairy Science* **67(5)**: 426-430.
5. Maibum Uttarani, Singh, S.V., Upadhyay, R.C., Suresh Kumar, **Beenam** and Singh A.K. (2014) Expression of skin color genes in Tharparkar cattle during summer and winter season. *Journal Environment Research & Development* 9: 113-119.
6. Simson Soren, Sohan Vir Singh and **Beenam, Baliyan** (2014) Pheromones: volatile substances for modulating reproduction in bovines. *Livestock Line* (October): 12-15.
7. Vaidya, M. M., Singh, S.V., **Balyan, B.** and Upadhyay, R. C. (2015) Plasma profile of hormones and energy metabolites during periparturient period in low and high producing Karan Fries (Holstein Friesian × Tharparkar) cows during different seasons. *Indian Journal of Animal Sciences* **85 (7)**: 736–743.

Lead Papers/ Papers presented:

1. Chandra Bhan, S.V. Singh, R.C. Upadhyay, O.K. Hooda, and **Baliyan, Beenam** (2013) Impact of temperature variability on physiological, hematological and biochemical profile of growing and adult buffaloes. In: National Symposium on “Climate Change and Indian Agriculture: Slicing Down the Uncertainties” held at CRIDA, Hyderabad from 22-23 January, 2013, pp.61.
2. M. Vaidya, S.V. Singh, R.C. Upadhyay, O.K. Hooda and **Beenam Baliyan** (2013) Stress biomarkers level in periparturient Karan Fries cows during extremes of summer and winter season. In: National Symposium on “New Paradigms in Livestock Production: from Traditional to Commercial Farming and Beyond” and XXth Annual Convention of Indian Society for Livestock Production and Management. Held at NDRI, Karnal.
3. C. Bhan, S.V. Singh, O.K. Hooda, R.C. Upadhyay and **Beenam Baliyan** (20013) Effect of heat exposure on physiological, hematological and biochemical profile in growing Murrah Buffaloes under controlled climatic conditions. In proceedings of National Symposium on

- “Buffalo for sustainable food security” organized by ISBD and Assam Agricultural University from March 15-16, 2013. page no.105.
4. Yogendra Kumar , Sohanvir Singh, R.C. Upadhyay, O.K. Hooda and **Beenam Baliyan** (2013) Tapkaram Ardarta Suchkank ka Gayoo evam bhaiso ke Dugdhd Utpadan par Parbhav. In: Rastriya Sangosthi- Krishi evam Paryavaran: Avsar va Chunotiya, held at CSSRI, Karnal from March 13-14. Page 97.
 5. Sohanvir Singh, O.K. Hooda, R.C. Upadhyay, Baban Narwade, **Beenam Baliyan** and Yogendra Kumar (2013) Garmi Ke Mausham me Seetlen Parnali Kw Bhainso Ke Dhehik Kiryayo, Varadhi Evam Pani Upyog Ke Matra Per Parbhav. In: Rastriya Sangosthi- Krishi evam Paryavaran: Avsar va Chunotiya, held at CSSRI, Karnal from March 13-14. Page 99.

Folders/ Technical / Popular Article:

1. R. C. Upadhyay, Sohan Vir Singh, Ritu Chakravarty, Anil Kumar Singh, **Beenam Baliyan** and Mangesh Vaidya (2012) *Pashuon main madkaal/ Garmi ka Prabandhan evam Kirtrim Garbhadhan (NDRI Publication No. 84/2012)*.
2. R. C. Upadhyay, Sohan Vir Singh, O.K.Hooda, Anil Kumar Singh, Mangesh Vaidya and Ritu Chakravarty, (2012) *Gaon Pashuon ke Utpadan par Garmi Ka Prabhav evam Bhav ke Upay. (NDRI Publication No. 81/2012)*.
3. Sohan Vir Singh, R. C. Upadhyay, , Ritu Chakravarty, Ashutosh, **Beenam Baliyan** Anil Kumar Singh, Mangesh Vaidya and Jyoti Chaudhary, (2012) *Navjaat Behhado Ki Dekhbhal. (NDRI Publication No. 85/2012)*.
4. Sohan Vir Singh, R. C. Upadhyay, O.K.Hooda, Anil Kumar Singh, **Beenam Baliyan**, Mangesh Vaidya and Ritu Chakravarty (2012) *Grabhit Gaon Pashuon ki Antim Timahahi main Dekhbhal. (NDRI Publication No. 83/2012)*.
5. Sohan Vir Singh, R. C. Upadhyay, Anil Kumar Singh, **Beenam Baliyan**, Jyoti Chaudhary and Ritu Chakravarty (2012) *Gaon Pashu Awas Prabhandhan. (NDRI Publication No. 82 / 2012)*.
6. Sohan Vir Singh, R. C. Upadhyay, O.K. Hooda, Anil Kumar Singh, Ritu Chakravarty, **Beenam Baliyan**, and Mangesh Vaidya (2012) *Pasuon se swachh Doodh Utpadan Kaise. (NDRI Publication No. 80/2012)*.
7. Sohan Vir Singh, R.C. Upadhyay, O.K. Hooda, Ashutosh, **Beenam** and Mangesh Vaidya (2011) Gopashuo Ke Utpadan Per Garmi Ka Parbhav Evam Bachav Ke Upay. *Dairy Samachar* 41(4): 1-3.
8. S.V. Singh, R.C. Upadhyay, Yogender Kumar and **Beenam Baliyan** (2012) Pashu Utpadan per Viprit Taapkram ka Prabhav aur Bachav ke Upay. Surbhi (Rajbhasha Patrika) *Published by Project Directorate on Cattle, Meerut (U.P.):110-114.*
9. Folder entitled “ Sardi Ke Mausam Me Navjat Bachde Bachdeo Ka Palan Poshan, Parbandhan Evam Bachav. (Authors: Sohan Vir Singh, R.C. Upadhyay, O.K. Hooda, Yogendra Kumar, **Beenam Baliyan** and Anil Kumar Singh). Published by NDRI, Karnal (Publication No. 91/2013)
10. Folder entitled “ Doodharu Gayon evam Bhashon Ke Prabhandan evam Khanpan Dwara Thanela Rog se Bachav. (Authors: R.C. Upadhyay, Sohan Vir Singh, O.K. Hooda, **Beenam Baliyan** and Yogendra Kumar). Published by NDRI, Karnal (Publication No. 92/2013)
11. Folder entitled “ Sardi Ke Mausam Me Navjat Bachde Bachdeo Ka Palan Poshan, Parbandhan Evam Bachav. (Authors: Sohan Vir Singh, R.C. Upadhyay, O.K. Hooda, Yogendra Kumar, **Beenam Baliyan** and Anil Kumar Singh). Published by NDRI, Karnal (Publication No. 91/2013)

12. Folder entitled "Doodharu Gayon evam Bhashon Ke Prabhandan evam Khanpan Dwara Thanela Rog se Bachav. (Authors: R.C. Upadhyay, Sohan Vir Singh, O.K. Hooda, **Beenam Baliyan** and Yogendra Kumar). Published by NDRI, Karnal (Publication No. 92/2013)

Book Chapters:

1. S.V. Singh, R.C. Upadhyay, Ashutosh, **Beenam**, Mangesh M. Vaidya (2013) Effects of Global Climate Change on Livestock Productivity. In Book: *Livestock Green House Gases: Emission and Options for Mitigation* (Published by Satish Serial Publishing House, Delhi, edited by Sunil Kumar Sirohi *et. al.*), Chapter 3: 27-38.
2. S.V. Singh, S. Sirohi, R.C. Upadhyay, S. Soren, **Beenam** and A.K. Singh. (2013) Carbon Credits from Livestock Production and Mitigation Strategies. In Book: *Climate Resilient Livestock and production System*. pp. 217-226. (ISBN: 978-93-5156-150-7).
3. Sohan Vir Singh, R.C. Upadhyay, Yogendra Kumar and **Beenam Baliyan** (2013). Grism Ritu ka Pashu Utpadan par Prabhav evam Bachav k Tarike. In Book: *Samarika (Dairy Mela)-2013*. (Published by NDRI, Karnal), Chapter 21:79-84.
4. S.V. Singh, O.K. Hooda, **Beenam** and R.C. Upadhyay (2013) Measurement of Body Surface Area. In Book: *Climate Resilient Livestock and production System*. pp. 266-269. (ISBN: 978-93-5156-150-7).
5. S.V. Singh, S. Soren, **Beenam**, A.K. Singh, and S. Kumar (2013) Heat Tolerance Indices for Cattle and Buffalo. In Book: *Climate Resilient Livestock and production System*. Edited by S.V. Singh, R.C. Upadhyay, Smita Sirohi and A.K. Singh, Year 2013, pp. 266-269. (ISBN: 978-93-5156-150-7).
6. S.V. Singh. and **B. Baliyan** (2013) Pashu Aavash. In Book: *Vagayanik Pashupalan evam Vikas*. pp 14-17. Published by NDRI, Karnal.
7. S.V. Singh, R.C. Upadhyay and **B. Baliyan**, (2013) Gaai/ Bhanso Ke Utpadan Per Garmi Ka Parbhav Evam Bachav. Chapter 17, pp. 83-88. In Book: *Pashu Vikas Hetu Chara Utpadan Evam Sanrakshan (Edited by:Rakesh Kumar, Magan Singh, Ashutosh, Gopal Sankhla and B.S. Meena)*, published by NDRI, Karnal.
7. S.V. Singh, R.C. Upadhyay, Y. Kumar and **B. Baliyan** (2013) Greesam Ritu Ka Pashu Utpadan Per Parbhav Evam Bachav Ke Tarike. pp. 79-84. In: *Samarika Dairy Mela (Edited by: Chander Datt, Ashutosh, Sohan Vir Singh, S.S. Kundu)*.
8. S.V. Singh, R.C. Upadhyay, O.K. Hooda, **Beenam** and A.K. Singh (2013) Climate change: Bovine productive, reproductive and adaptive performance and mitigation strategies. In: *Physiology and Nutri-genomics Underpinning Animal Production*. Pp. 85-95 (Editors: Sarvajeet Yadav, Jitender Kumar, Arun K. Madan, Brijesh Yadav and Mukul Anand) Published by Department of Veterinary Physiology, College of Veterinary Science and Animal Husbandry on behalf of UP Pt. Deen Dayal Upadhyaya Pashu Chikitsa Vigyan Vishwavidyalaya Evam Go-Anusandhan Sansthan (DUVASU), Mathura - 281001, U.P. (India) ISBN-13:978-81-928693-1-5.

Honours / Awards:

1. The Research Paper entitled " Dugdh Utpadan per Jalvayu Parivertan Ka Parphav" awarded CONSOLATION PRIZE during Poster presentation competition held at NDRI, Karnal on 14th September, 2012 (Rajbhasha Pakhwara).(Team members: Anil Kumar Singh, R.C. Upadhyay, Sohan Vir Singh, O.K. Hooda, Pankaj Kumar Maurya, **Beenam** and Smita Sirohi).

Oral Presentation :

- Sohanvir Singh, O.K. Hooda, R.C. Upadhyay, Baban Narwade, **Beenam Baliyan** and Yogendra Kumar (2013) Garmi Ke Mausham me Seetlen Parnali Kw Bhainso Ke Dhehik

Kiryayo, Varadhi Evam Pani Upyog Ke Matra Per Parbhav. In: Rastriya Sangosthi- Krishi evam Paryavaran: Avsar va Chunotiya, held at CSSRI, Karnal from March 13-14. Page 99.

Seminar/ Symposia Attended:

- 6th National seminar on “Global Opportunities and Concerns in Dairy and Food Sector” held at NDRI, Karnal from 28th – 29th September, 2012.
- XXI Annual Conference of Society of Animal Physiologist of India and National Symposium on “ Physiological Research in Changing Environmental Scenario for Sustainable Livestock and Poultry Production” held at Navsari, Gujarat from 6th - 8th November, 2012.
- National Symposium on Climate Change and Agriculture: Slicing down Uncertainties held at CRIDA, Hyderabad from 22nd – 23rd Jan., 2013.
- 8. National Seminar on “New Paradigms in Livestock Production: From Traditional to Commercial Farming and Beyond” and XXth Annual Convention of Indian Society of Animal Production and Management held at NDRI, Karnal from 28th – 30th Jan., 2013.

Farmers Awareness Programme:

1. Farmers Awareness Programme on Climate Change organized in village Manglora, Karnal on 15th Sept., 2012.
