

KANAKA K. K.

PhD Scholar

ICAR- National Dairy Research Institute

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Educational Career:

Degree/Diploma/Certificate	Class/Grade	University/Board/Institute	Year
Matriculation Certificate	84.80 % (Class I)	Karnataka Secondary Education Examination Board	2009
Higher Secondary Certificate	84 % (Class I)	Department of Pre-University Education, Government of Karnataka	2011
Bachelor's Degree	78.99 % (Class I)	Karnataka Veterinary, Animal and Fisheries Sciences University, Bidar, Karnataka	2016
Master's Degree or equivalent	86.24 % (Class I with Distinction)	ICAR-Indian Veterinary Research Institute, Izatnagar, U.P.	2018
Post Graduate Diploma in Animal Welfare	79.38% (Class I)	Indira Gandhi national Open University, New Delhi	2021
Doctorate	84.7 % (Class I with Distinction)	ICAR-National Dairy Research Institute, Karnal, Haryana	Pursuing 2020-

Training or Certification programs:

- a. **“Basic science of oncology”** through Udemy, 2023.
 - b. **“Statistical techniques for data analysis in research work”** organized by Department of Animal Genetics and Breeding, College of Veterinary and Animal Sciences, MAFSU, Parbhani, 2023.
 - c. **“A practical introduction to cloud computing”** through Udemy, 2023.
 - d. **“The complete SQL bootcamp: Go from Zero to Hero”** through Udemy, 2023.
 - e. **“Machine learning A-Z: AI, Python and R”** through Udemy, 2022.
 - f. **“Differential Gene Expression Analysis”** through Udemy, 2022.
 - g. **“Conducting introductory computational biology research”** through Udemy, 2022.
 - h. **“Deep learning A-Z: Neural networks and AI”** through Udemy, 2022.
 - i. **“Introduction to Genomic Technologies”** authorized by **Johns Hopkins University**, offered through Coursera, 2021.
 - j. **“R Programming A-Z: R for Data Science”** through Udemy, 2021.
 - k. **“Differential gene expression analysis”** through Udemy, 2021.
 - l. **“Lab Animals in Bio-Medical Research”** organized by Department of Animal Genetics and Breeding, College of Veterinary and Animal Sciences, MAFSU, Parbhani, 2021.
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Prizes, medals, scholarships, etc. in Academic field:

- a. Awarded with **ICAR-Junior Research Fellowship** during master degree in 2016.
- b. Awarded with **ICMR- Junior Research Fellowship** in 2018.
- c. Qualified **National Eligibility Test** in the discipline of **Animal Genetics and Breeding** conducted by ASRB in the year **2018**.
- d. Awarded with **ICAR-NDRI Institutional Scholarship** for Ph.D in Animal Genetics & Breeding (Since Nov, 2020).
- e. Qualified **National Eligibility Test** in the discipline of **Animal Genetics and Breeding** conducted by ASRB in the year **2021**.
- f. **Dean’s Merit Award** in 2021 during Ph.D. from ICAR-NDRI, Karnal, Haryana.
- g. **Third prize in poster competition** on “Building a shared future for all life” on the

occasion of International Biodiversity Day celebrations at ICAR-NBAGR, Karnal on 21st May 2022.

- h. **First prize in poster competition** on the occasion of Bi-Centenary Birthday Celebrations of Gregor Johann Mendel held on 20th July 2022 at ICAR-NDRI, Karnal.
 - i. Awarded with **Dr. C M Singh Shalihotra Prathibha Samman 2022** by Pashudhan Praharee Magazine.
 - j. **First prize in poster competition on “Computationally guided design and testing of multi-epitope vaccine construct for egg allergy at Wildlife - Bioscience, Biotechnological Innovations and Avant-garde Genetic Technologies” (WBBIAGT 2023), 20-21, February, 2023.**
 - k. **Second prize in oral presentation on “Genome-wide documentation of SNPs in Indian Gir cattle using ddRAD-seq” at Wildlife - Bioscience, Biotechnological Innovations and Avant-garde Genetic Technologies” (WBBIAGT 2023), 20-21, February, 2023.**
 - l. **First prize in poster competition on “Invasive species management in wilderness” at Wildlife - Bioscience, Biotechnological Innovations and Avant-garde Genetic Technologies” (WBBIAGT 2023), 20-21, February, 2023.**
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Team Game/Sports/NCC/Mountaineering:

- Secured **First place** in Skit, **Second places** in One act play in **University level Youth Festival - 2012** held at Veterinary College, Bidar during First year B.V.Sc & A.H.
- Secured **First place** in Skit, **Second places** in One act play in **University level Youth Festival - 2013** held at Dairy Science College, Bengaluru during Second year B.V.Sc & A.H.
- Secured **Second place** in Skit, **Second places** in One act play in **University level Youth Festival - 2014** held at Veterinary College, Bengaluru during Third year B.V.Sc & A.H.
- Secured **First place** in Skit, One act play and Mono acting in **University level Youth Festival - 2015** held at Veterinary College, Bidar during Forth year B.V.Sc & A.H.

- Secured **Third place** in One act play and **Fourth place** Skit in **15th All India Inter Agricultural Universities Youth Festival** in 2015, held at ICAR-NDRI, Karnal.
- Participated in **17th All India Inter Agricultural Universities Youth Festival** in 2017, held at RAJUVAS, Bikaner, Rajasthan.

Position(s) of authority held in School/College:

Position	Committee	Period
Class Representative	Third year B.V.Sc & A.H.	2013-14
Organising-Secretory	South India and North India Educational Trips	2014, 2015
Joint-Secretory	Boys Hostel, Veterinary College, Hassan	2014-2015
Team Leader	Youth Festival team	2014, 2015, 2017
District Nodal Officer	National Artificial Insemination Program (as Veterinary Officer, Dept. AHVS, Govt. of Karnataka)	2019
Taluk Nodal Officer	Information Network for Animal Health and Productivity (as Feild Veterinarian, Dept. AHVS, Govt. of Karnataka)	2018-2020
Taluk Coordinator	20 th Livestock Census (as Feild Veterinarian, Dept. AHVS, Govt. of Karnataka)	2018-19

Extra-curricular activities and interests/ hobbies

- Writing
 - Cooking
 - Acting
 - Games (Table Tennis)
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List of publications:

➤ Research Papers

1. **Kanaka, K. K.**, Sukhija, N., Nayak, N., Goli, R. C., Sahu, A. R., & Koloi, S. (2023). Network analysis of beta casomorphin-7 revealed genes and pathways associated with human diseases. *Acta Scientific Veterinary Science*, 5(3), 31-46.
2. **Kanaka, K. K.**, Sukhija, N., H N, B., Nayak, N., Sahu, A. R., Chatterjee, R. N., Bhattacharya, T. K., & Sivalingam, J. (2023). Computationally guided design and testing of multi-epitope vaccine construct for egg allergy. *Indian Journal of Poultry Science*. (Accepted)
3. Jayakumar Sivalingam, S., Niranjana, S. K., Yadav, D. K., Singh, S. P., Sukhija, N., **Kanaka, K. K.**, Singh, P. K., & Singh, A. P. (2023). Phenotypic and genetic characterization of unexplored, potential cattle population of Madhya Pradesh. *Tropical Animal Health and Production*. (Communicated)
4. Sukhija, N., **Kanaka, K. K.**, Sukhija, M., Nandhini, P. B., Dash, A., Rathi, P., & Goli, R. C. (2023). Genetic diversity and selective sweep analyses in *Cervus nippon* give insights into adaptation. *Conservation Genetics Resources*. (Communicated)
5. Sivalingam, J., Niranjana, S., Yadav, D., Singh, S. P., Sukhija, N., **K. K., Kanaka**, Reddy, R., Singh, P. K., & Singh, A. (2023). Phenotypic and molecular characterization of newly identified buffalo population of India. *Zoological Science*. (Communicated)
6. Kangabam Bidyalaxmi, Dash, A., Ravi Kumar D, Kousalya Devi M, Sukhija, N., **Kanaka, K. K.**, Yadav, N., Gupta, I. D., Verma, A., Tanta, M. S., Niranjana, S., & Sivalingam, J. (2023). Comparative genome-wide identification of SNPs and SSRs in Indian swamp and riverine buffaloes. *Buffalo Bulletin*. (Communicated)

7. Choudhary, A., Sukhija, N., **Kanaka, K. K.**, Devadasan, M. J., Kumar, D. R., M R, V., Tamil, S., Niranjana, S. K., Verma, A., & Sivalingam, J. (2023). Unveiling the genetic blueprint of novel and performance traits-related SNPs in Indian Gir cattle using ddRAD-seq. *Molecular Genetics and Genomics*. (Communicated)
 8. Sukhija, N., **Kanaka, K. K.**, Jaglan, K., Raj, C., Sukhija, S., & Vidhyasagar, V. (2023). In-silico designing and testing of multiprotein vaccine construct against cow milk allergy. *Journal of Animal Research*. (Communicated)
 9. Choudhary, A., Devadasan, M. J., Sukhija, N., **Kanaka, K. K.**, Kumar, D. R., Surya, V. M. R., T., S., Verma, A., Niranjana, S. K., & Sivalingam, J. (2023). Genome-wide identification of SNPs and their annotation in Indian Gir cattle. *Cytology and Genetics*. (Accepted)
 10. Sukhija, N., Malik, A. A., Dash, A., Bidyalaxmi, K., Devadasan, M. J., Kumar, D. R., Devi, M. K., Choudhary, A., Sharma, R., Tripathi, S. B., Niranjana, S. K., Sivalingam, J., Verma, A., & **Kanaka, K. K.** (2023). Genome-wide scanning and mapping of selective sweep regions in Indian Gir and Tharparkar cattle. *Animal Biotechnology*. (Communicated)
 11. **Kanaka, K. K.**, Chatterjee, R. N., Kumar, P., Bhushan, B., Divya, D., & Bhattacharya, T. K. (2021). Cloning, characterization and expression of the SERPINB14 gene, and association of promoter polymorphisms with egg quality traits in layer chicken. *British Poultry Science*, 62(6), 783-794.
 12. **Kanaka, K. K.**, Chatterjee, R. N., Shukla, R., Kumar, P., Bhushan, B., & Bhattacharya, T. K. (2019). Development of protocol for production of primary antibody against ovalbumin protein in chicken for detection of the protein through western blotting. *Journal of Animal Research*, 9(6), 849-853.
 13. Sagar, N. G., Bhattacharya, T. K., Prasad, A. R., Kumar, P., Chatterjee, R. N., Bhushan, B., & **Kanaka, K. K.** (2019). Expression of Stearoyl Co-enzyme A desaturase (SCD) gene during the juvenile age in layer chicken. *Indian Journal of Animal Research*, 53(11), 1436-1439.
 14. Singh, N., Koloi, S., Mehla, K., Dixit, S. P., Singh, S., Sukhija, N., **Kanaka, K. K.**, & Ganguly, I. (2023). Whole genome re-sequencing suggests adaptive role of copy number variation regions in Indian cattle. *Animal Science Journal*. (Communicated)
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➤ Review Papers

1. **Kanaka, K. K.**, Sukhija, N., Goli, R. C., Singh, S., Ganguly, I., Dixit, S. P., ... & Malik, A. A. (2023). On the concepts and measures of diversity in the genomics era. *Current Plant Biology*, 33, 100278.
2. Dash, A., Devi, M. K., Jena, B. R., Sukhija, N., **Kanaka, K. K.**, Purohit, P., Chishi, K. G., & Kumar, S. (2022). Estimation of body condition score to measure energy reserve in cattle. *The Pharma Innovation Journal*, 11(11), 1603-1607.
3. Sukhija, N., **Kanaka, K. K.**, Malik, A. A., Singh, S., Ganguly, I., Dixit, S. P., Verma, A., & Dash, A. (2023). Mendelism: Connecting the dots across centuries. *Cytology and Genetics*. (Accepted)
4. Goli, R. C., Rathi, P., Sukhija, N., **Kanaka, K. K.**, Chishi, K. G., & Dash, A. (2023). Global and local ancestry and their importance: A mini review. *Tropical Animal Health and Production*. (Communicated)
5. Sukhija, N., **Kanaka, K. K.**, Sivalingam, J., Jaglan, K., Rathi, P., Goli, R. C., & Raj, C. (2023). Solutions to Post-GWAS Regulatory Variants in Bovine. *Acta Scientific Veterinary Sciences*, 5(7), 11-15.
6. Goli, R. C., Sukhija, N., Rathi, P., Chishi, K. G., Koloj, S., Malik, A. A., & **Kanaka, K. K.** (2023). Unraveling the genetic tapestry of Indian chicken: A comprehensive study of molecular variations and diversity. *Avian Biology Research*. (Communicated)
7. **Kanaka, K. K.**, Sukhija, N., Sivalingam, J., Goli, R. C., Rathi, P., Jaglan, K., & Raj, C. (2023). Deep Learning in Neural Networks and their Application in Genomics. *Acta Scientific Veterinary Sciences*, 5(7), 21-26.
8. Sukhija, N., **Kanaka, K. K.**, Goli, R. C., Kapoor, P. M., Sivalingam, J., Verma, A., Sharma, R., Tripathi, S. B., & Malik, A. A. (2023). The flight of chicken genomics and allied omics- a mini review. *Ecological Genetics and Genomics*. (Communicated)
9. **Kanaka, K. K.**, Sanjeev Singh, Indrajit Ganguly, Nandhini, P.B., Aishwarya Dash, Nidhi Sukhija, Dixit, S. P. (2022). Epigenetic mechanisms and their significance in livestock species. *Journal of Livestock Biodiversity*. (Accepted)
10. **Kanaka, K. K.**, Jeevan, C., Chethan Raj, R., NG, S., Rajendra Prasad, C., Prasad, K., & Shruthi, S. (2018). A review on ovalbumin gene in poultry. *Journal of Entomology and Zoology Studies*, 2018; 6(4): 1497-1503
11. Nidhi Sukhija, **Kanaka, K. K.**, Sanjeev Singh, Indrajit Ganguly, Dixit, S. P., Aishwarya Dash and Anoop Anand Malik (2022). Mendelism: Connecting the dots across centuries. *Cytology and genetics*. (Accepted)

12. Somagond, A., Kumar, V., Khan, S. S., Wankhade, P., Miranda, C., & **Kanaka, K. K.** (2020). Mitigation of Odour in Swine Production Facilities-A Scientific Approach. *International Journal of Livestock Research*, 10 (4).

➤ Books Chapters

1. Sahu, A. R., **Kanaka, K. K.**, Nayak, N., Sukhija, N., & Goli, R. C. (2023). Growth kinetics vis-a-vis Nutritional Security of Indian Poultry Sector: Backyard to Commercial. In S.P. Tiwari, R.K. Sharma, J. Verma, G. Goyal, L. Chouhan, & A. Shinde (Eds.), *Recent advances in avian health and management* (pp. 10-24). Bhopal: Sandarbh Prakashan.
2. **Kanaka, K. K.**, Sukhija, N., Raj, C., Somagond, A., & Vidhyasagar. (2023). Cloning: Methods and Applications in Livestock Perspective. In S. Sreedhar (Ed.), *Current Research in Animal Husbandry and Veterinary Sciences* (Vol. 5). Integrated Publications, India.
3. **Kanaka, K. K.**, Sukhija, N., Dash, A., & Purohit, P. (2022). In situ hybridization and its role in livestock genetics. In K. Vignesh, R. Arunkumar, V. Balamurugan, & T. Suthin Raj (Eds.), *Compendium of Agriculture and Allied Sciences* (Vol. 3). JPS Scientific Publications, India.
4. Sukhija, N., **Kanaka, K. K.**, Dash, A., & Purohit, P. (2022). Recessive Genetic Diseases of Bovines. In K. Vignesh, R. Arunkumar, V. Balamurugan, & T. Suthin Raj (Eds.), *Compendium of Agriculture and Allied Sciences* (Vol. 3). JPS Scientific Publications, India.
5. Sukhija, N., **Kanaka, K. K.**, Raj, C., Vidhyasagar, & Somagond, A. (2022). Gene Transfer Methods and Gene Therapy. In S. Sreedhar (Ed.), *Advances in Veterinary Sciences* (Vol. 16). Akinik publications.
6. Raj, C., Sukhija, N., **Kanaka, K. K.**, Vidhyasagar, Somagond, A. (2022). Advances in Heifer Management. In K. Vignesh, R. Arunkumar, V. Balamurugan, T. Suthin Raj (Eds.), *Compendium of Agriculture and Allied Sciences* (Volume – 3). JPS Scientific Publications, India.
7. Purohit, P., Dash, A., Sukhija, N., & **Kanaka, K. K.** (2022). Camel genetic improvement with special reference to Amelioration against heat stress. In K. Vignesh, R. Arunkumar, V. Balamurugan, & T. Suthin Raj (Eds.), *Compendium of Agriculture and Allied Sciences* (Vol. 2). JPS Scientific Publications, India.

➤ Popular Articles

1. **Kanaka K. K.**, Nidhi Sukhija, P B Purohit, C K Prasad, Somagond A. Role of sheep husbandry in economic upliftment of farmers in India. *Pashudhan Praharee*, October, 2022.
2. **Kanaka, K. K.**, & Sukhija, N. (2023). Worth of some lesser-known small-sized cattle and buffalo breeds. *GreenariA Magazine*, 2(2).
3. Sukhija, N., **Kanaka, K. K.**, & Vidhyasagar. (2023). Livestock products importation guidelines in India. *GreenariA Magazine*. (Accepted).
4. **Kanaka K. K.**, Nidhi Sukhija, Vidhyasagar, Chethan Raj. A Case study on native Cattle and Buffalo production systems in rural part of Chitradurga district of Karnataka. *Pashudhan Praharee*, November, 2022.
5. Nidhi Sukhija, **Kanaka K. K.**, Aishwarya Dash., Pravin Purohit. Biosecurity protocol towards FMD-freedom. *Indian Dairyman*, December, 2022.
6. **Kanaka K. K.** and Nidhi Sukhija. Dialogue on Bovine Breeding and Policy-making in Indian Context. *Indian Dairyman*, December, 2022. February, 2023.
7. Nidhi Sukhija, **Kanaka K. K.**, Vidhyasagar, Chethan Raj. Impact of Covid-19 on Research, Growth and Development of Molecular Cytogenetics in Domestic Animal Studies. *Pashudhan Praharee*, October, 2022.
8. Nidhi Sukhija, **Kanaka K. K.**, Anoop Anand Malik. Calf rearing. *Doodh Ganga*. (Accepted)

➤ Abstracts

1. **Kanaka K. K.**, Nidhi Sukhija, Hemal Patel, Rangasai Chandra goli, Dixit S. P., Sanjeev Singh, Indrajit Ganguly. Mitogenome analysis of cattle using high density SNP array. Compendium, *XVI Annual Convention of Indian Society of Animal Genetics and Breeding*, 2-3 December, 2022.
2. Sukhija, N., **Kanaka, K. K.**, Jaglan, K., Raj, C., Sukhija, S., & Vidhyasagar, V. In-silico designing and testing of multiprotein vaccine construct against cow milk allergy. *XII Biennial Animal Nutrition Association Conference*, February 16-18, 2023.
3. **Kanaka K K**, Nidhi Sukhija, Rangasai Chandra Goli, Aishwarya Dash, P B Purohit. Epigenetic marks: Genetic control of non- genetic inheritance. *XX Annual Convention (SOCDAB)*. 23-24 February, 2023.

4. Nidhi Sukhija, **Kanaka K K**, Pallavi Rathi, Aishwarya Dash, P B Purohit. Exploratory data analysis (EDA) of regulatory variants in GWAS for complex traits in cattle. *XX Annual Convention (SOCDAB)*. 23-24 February, 2023.
5. **Kanaka K K**, Nidhi Sukhija, Rangasai Chandra Goli, Aishwarya Dash, P B Purohit. Different selection approaches for mastitis resistance in Cattle. *XX Annual Convention (SOCDAB)*. 23-24 February, 2023.
6. Nidhi Sukhija, **Kanaka K K**, Rangasai Chandra Goli, Aishwarya Dash, P B Purohit. Pan-genomics: Applications in livestock, Challenges and Future prospects. *XX Annual Convention (SOCDAB)*. 23-24 February, 2023.
7. **Kanaka K K**, Nidhi Sukhija, Hemal Patel, Rangasai Chandra goli, S P Dixit, Sanjeev Singh, Indrajit Ganguly. Mitogenome analysis of cattle using high density snp array. *XVI Annual Convention of Indian Society of Animal Genetics and Breeding*. 2-3, December, 2022.
8. **Kanaka K. K.**, Nidhi Sukhija, N.G. Sagar, Rajendra Prasad, T K Bhattacharya, R N Chatterjee. Immunoinformatic analysis of ovalbumin gene reveals potential epitopes of immunoglobulins and mhc binding ligands. *XVI Annual Convention of Indian Society of Animal Genetics and Breeding*. 2-3, December, 2022.
9. **Kanaka K K**, Nidhi Sukhija, Basavaprabhu H N, Nibedita Naik, Chatterjee R N and Bhattacharya T K and Jayakumar Sivalingam. Computationally guided design and testing of multi-epitope vaccine construct for egg allergy. *Souvenir Book of 8th International Conference on "Wildlife - Bioscience, Biotechnological Innovations and Avant-garde Genetic Technologies" (WBBIAGT 2023)*, 20-21, February, 2023.
10. Anjali Choudhary, Nidhi Sukhija, **Kanaka K K**, M Joel Devadasan, D Ravi Kumar, Vineeth M R, Surya T, Archana Verma, Saket Kumar Niranjana and Jayakumar Sivalingam. Genome-wide documentation of SNPs in Indian Gir cattle using ddRAD-seq. *Souvenir Book of 8th International Conference on "Wildlife - Bioscience, Biotechnological Innovations and Avant-garde Genetic Technologies" (WBBIAGT 2023)*, 20-21, February, 2023.
11. **Kanaka K K**, Nidhi Sukhija, Chethan Raj and Vidhyasagar. Epitope tailored vaccine for goat milk allergy. *XII Biennial Animal Nutrition Association Conference*. February 16-18, 2023.
12. **Kanaka K K**, Nidhi Sukhija, Nibedita Nayak, Rangasai Chandra Goli, Amiya Ranjan Sahu and Subrata Koloi. Network analysis of beta casomorphin-7 revealed genes and pathways associated with human diseases. *Souvenir Book of 8th International*

Conference on “Wildlife - Bioscience, Biotechnological Innovations and Avant-garde Genetic Technologies” (WBBIAGT 2023), 20-21, February, 2023.

13. Nidhi Sukhija, **Kanaka K K**, Mukul Sukhija, Pallavi Rathi and Rangasai Chandra Goli. Selective sweep analyses revealed adaptation clues in *Cervus nippon*. *Compendium, 5th International Conference Climate Change and Its Impact*, 9-11, June, 2023.

14. Nidhi Sukhija, **Kanaka K K**, Mukul Sukhija, Nandhini P B, Aishwarya Dash, Pallavi Rathi and Rangasai Chandra Goli. Genetic diversity and selective sweep analyses in *Cervus nippon* give insights into adaptation. *Souvenir Book of 8th International Conference on “Wildlife - Bioscience, Biotechnological Innovations and Avant-garde Genetic Technologies” (WBBIAGT 2023)*, 20-21, February, 2023 .

15. **Kanaka K. K.** and Nidhi Sukhija. Network analysis of *Ocimum sanctum* revealed key genes and pathways related to various molecular processes and pathways. *Compendium, Scholars conclave on natural farming*, 3 June, 2023.

16. **Kanaka K. K.**, Nidhi Sukhija, N.G. Sagar, Rajendra Prasad, T K Bhattacharya, R N Chatterjee. Immunoinformatic analysis of Ovalbumin gene reveals potential epitopes of immunoglobulins and MHC binding ligands. *Workshop on Immunogenetics and breeding in livestock species by Institute of Animal Science, Prague*, 8-9 November, 2022.

17. **Kanaka K. K.**, N G Sagar, Rajendra Prasad, Renu Shukla, T K Bhattacharya, R N Chatterjee. Molecular cloning characterization of ovalbumin gene in chicken. *Compendium, XXXV Annual Conference of Indian Poultry Science Association*, 15-17 November, 2018.

18. **Kanaka K. K.**, N G Sagar, Rajendra Prasad, Amiya Sahoo, Renu Shukla, T K Bhattacharya, R N Chatterjee. Polymorphism of 5' upstream of ovalbumin gene and its association with egg quality traits in chicken. *Compendium, XXXV Annual Conference of Indian Poultry Science Association*, 15-17 November, 2018.

19. Nidhi Sukhija, Archana Verma, **Kanaka K. K.**, D Ravi Kumar, Kousalaya Devi M, Jayakumar Sivalingam, Rekha Sharma and M Joel Devadasan. Congruent Selective sweep regions addressed in Gir and Tharparkar cattle. *Compendium, XVI Annual Convention of Indian Society of Animal Genetics and Breeding*, 2-3 December, 2022.

20. Nidhi Sukhija, Archana Verma, **Kanaka K. K.**, Jayakumar Sivalingam and Rekha Sharma. Genomic clues for selective sweep regions in Indian Gir and Tharparkar cattle on BTA6. *Workshop on Immunogenetics and breeding in livestock species by Institute of Animal Science, Prague*, 8-9 November, 2022.

21. Nidhi Sukhija, Anoop Anand Malik, Archana Verma, **Kanaka K. K.**, Aishwarya Dash, Kangabam Bidyalaxmi, Rekha Sharma and Jayakumar Sivalingam. Reduced-representation Sequencing based analysis of Genetic Diversity in Indian Cattle breeds. *Compendium, XVI Annual Convention of Indian Society of Animal Genetics and Breeding, 2-3 December, 2022.*

Date: 30/07/2023

(KANAKA K.K.)
