



CURRICULUM VITAE

Dr. SANJEEV KUMAR SHUKLA
M.Sc., Ph.D. (Biotech) Post Doctorate

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POST APPLIED FOR: PROFESSOR CUM SENIOR SCIENTIST/RESEARCH DIRECTOR INNOVATION/ ADMIN POSITION/ DEAN RESEARCH /(BIOTECHNOLOGY/BIOCHEMISTRY/ MICROBIOLOGY/PATHOLOGY)			
(AFTER PH.D. BIOTECHNOLOGY WITH NINETEEN YEARS RESEARCH EXPERIENCE) (RESEARCH AREA-MOLECULAR BIOLOGY, MICROBIOLOGY, IMMUNOLOGY, INFECTIOUS DISEASE AND VIRUS)			
S.NO.	Designation	Institute	Duration
1	SENIOR SCIENTIST (SCIENTIST-C)	Multidisciplinary Research Unit (MRU), DHR-ICMR Lab, (MoHFW) Government Medical College, Haldwani, Nainital, Uttarakhand	(05 th APRIL 2016 Onward)
My job profile is research on Non Communicable Disease (NCD) include cancers, cardiovascular disease, diabetes and chronic lung illnesses, autoimmune diseases, heart diseases, mental health disorders, stroke, cancers, diabetes, chronic kidney disease, osteoporosis, Alzheimer's disease, cataracts, Skin cancer caused by radiation from the sun, Obesity, Diabetes mellitus type 2, Chronic obstructive pulmonary disease (COPD) caused by smoking tobacco and others.			
In pandemic time Covid 19 testing 10 Lak samples by (Real-Time PCR, Antigen Test and TruNut Test in Lab (DHR-ICMR Approved Lab)			
2	Young Scientist & Principal Investigator (Post-Doctoral Fellowship) in DST-SERB, New Delhi, Fast Track Young Scientist project entitled "Developing gene signature against Mycobacterium bovis infection in Cattle" Total Project Cost: 29,19,333.00,	Division of Animal Genetics, ICAR-Indian Veterinary Research Institute (ICAR-IVRI) (ICAR INSTITUTE-Deemed University), Izzatnagar, Bareilly, U.P.	30 th Nov 2013-31 st 2016 Mar Exp: 2 years 4 months
3	Research Associate (R.A.) under DBT project "Generation of an improved Newcastle Disease Virus (NDV) vaccine candidate using a novel reverse genetic technology".	Recombinant DNA Lab, Division of Veterinary Biotechnology, ICAR-Indian Veterinary Research Institute (ICAR-IVRI), Izzatnagar Bareilly, U.P.,	19 th Jan 2013-29 th Nov 2013 Exp: 10 months
4	Senior Research Fellow (S.R.F.) in a DBT project "Development of Recombinant Vaccine for Infectious Bursal Disease Virus (IBDV)" Successful Completed	Recombinant DNA Lab, Division of Veterinary Biotechnology, ICAR-IVRI, Izzatnagar, Bareilly, U.P.,	07 th Jan 2011-28 th Dec 2012 Exp: 1 years 11 months
5	Research Associate (R.A.) in a DBT project "Recombinant antigen based rapid sero profiling of Newcastle Disease Virus (NDV)" Successful Completed	Recombinant DNA Lab, Division of Veterinary Biotechnology, ICAR-IVRI, Izzatnagar, Bareilly, U.P.,	27 th Apr 2009-02 nd Dec 2010 Exp: 1 years 7 months
6	Senior Executive Officer, DSIR (Department of Science and Industrial Research) Approved Lab.	Microbiology Lab (R & D Lab), in Venus Remedies Limited (VMRC), Baddi, H.P.,	04 th Apr 2008-14 th Apr 2009 Exp: 1 year

Ph.D. (Doctorate Degree) Biotechnology (Awarded 22/04/2010)

Ph.D. thesis title "Genetic Polymorphism in BF Region in Red Jungle Fowl and Domestic Chicken" from Department of Biotechnology, Bundelkhand University, Jhansi, Uttar Pradesh. (Registration Place) Genome Mapping Lab, Avian Biotech. Div. ICAR-CARI, (IVRI Campus) Izzatnagar, Bareilly, U.P. (Research Place), Supervisor : Dr. Deepak Sharma

Master's degree (M.Sc.) in Biotechnology	Bundelkhand University (2004-2006) Depart. of Biotech., J.C. Bose Inst. of Life Science, Jhansi, U.P., India With I st Division (68%) in
Bachelor's degree (B.Sc.) in Zoology, Botany & Chemistry	Lucknow Christian P.G. College, Lucknow University, in 2002 with I st Division (61%).
Intermediate (12th)	P.I.C. Sampurnanagar Kheri, in 1999 with I st Division (U.P. Board) (60%).
High School (10th)	L.B.S. Inter College, Pilibhit, in 1997 with II nd Division (U.P. Board) (55%).

PROFESSIONAL QUALIFICATION	
Post Graduate Diploma In Bioinformatics (PGDB)	Bioinformatics Institute of India (BII), Noida, U.P. 2005, Grade A+
Executive-MBA (Operation Management)	National Institute of Business Management, Chennai, India-2008 IInd (59%)
One Year Advanced Diploma in Software Technology (PGDCA)	ICM, Lucknow, U.P. in 2006, Grade A++
Diploma in Sugar Technology	Annamalai University in 2003 with I st (61%) Division

FIVE INTERNATIONAL CONFERENCE ATTENDED	
1	Chemistry Biology Interface: synergistic new frontiers (CBISNF) 2004, organized by: Dr. B.R. Ambedkar Center for Biomedical Research, University of New Delhi. 21-26-November, 2004
2	"Current Advances in Parenteral and Novel Drug Development", Baddi H.P. organized by Venus Remedies Limited-in 14 th -16 th - January 2010.
3	9 th Asia pacific Poultry Conference (9 th APPC), TAIPEI CITY 104, TAIWAN , 20 th -24 th Mar, 2011
4	11 th World Conference on Animal Production (11th WCAP), BEIJING, CHINA , Oct 15 th -20 th , 2013
5	10 th Asia pacific Poultry Conference (10 th APPC), JEJU ISLAND SOUTH KOREA 19 th -23 ^h Oct, 2014

PI and Co-P.I. in MRU project funded by DHR-ICMR, (Ministry of Health & family Welfare) New Delhi	
1	Genetic polymorphism candidate genes role of environmental factors in the development of Graves' disease: Name of P.I.- <u>Dr.S.K. Shukla</u> Co-P.I. Dr. Govind Singh Dr. Prabhat Pant, Dr. S Ahmed
2	Analysis of polymorphism in survivin gene and its correlation with clinicohistopathological of breast cancer Name of P.I.- <u>Dr. SK Shukla</u> , Co-P.I. Dr. K.C.Pandey; Dr. Prabhat Pant
3	Genetic change of <i>P53</i> , <i>K-ras</i> and microsatellite instability in gallbladder carcinoma in Kumaon region of Uttarakhand", Name of P.I.- <u>Dr.K.S.Shahi</u> , Co P.I. - <u>Dr.S.K. Shukla</u> , Dr. Govind Singh Dr. Prabhat Pant, Dr. S Ahmed
4	Study of risk factors of Metabolic Syndrome and its correlation with <i>PNPLA3</i> and <i>TM6SF2</i> gene polymorphism in Metabolic dysfunction-associated steatotic liver disease (MASLD)" Name of P.I.- <u>Dr.S.K. Shukla</u> Co-P.I. Dr. Prabhat Pant; Dr. S.C. Joshi
5	Genetic Polymorphism of <i>Adiponectin</i> gene in predicting <i>Type 2 Diabetes Mellitus</i> in Kumaon region of Uttarakhand. Name of P.I.-Dr. Seema Gupta, Co-P.I.- <u>Dr.S.K. Shukla</u> , Dr.V.N. Satyawali

TECHNIQUES PROFICIENCY
Molecular, Microbiological, Proteomics, Bioinformatics, Handlings of laboratory animals, Instrument Operating Skills and Computer Proficiency

SEQUENCE SUBMISSION
The sequence is submitted at National Centre of Biotechnology Information (NCBI) database (www.ncbi.nlm.nih.gov) Accession No. -80
NCBI's Gene Expression Omnibus (GEO) Accession Number GSE74050 for microarray data (Cattle Tuberculosis) submitted in http://www.ncbi.nlm.nih.gov/geo/

MEMBERSHIP
1 World Poultry Science
2 Society for Biotechnologists, India
3 Korean Society of Microbiology and Biotechnology
4 International Society of Engineering Science and Technology

TRAINING	
1	Attended 14 days training in Veterinary Physiology, IVRI, Bareilly (Centre of Advanced faculty Training (CAFT) 16/01/2015 – 29/01/2015
2	Attended 45 Days Summer Training in QC Depart. of Zydus Cadila Health Care Ltd, Ahemdabad and also visited and understood the processes in production department, vials, ampoules, tablets and capsules.
3	Five months Project under Dr. S.K. Puri , Parasitology Depart, Central Drug Research Institute (CDRI) , Lucknow, in M.Sc. Biotechnology IV Sem. Project on-Assay of β hematin formation by Malarial Parasite.
4	Attended 14 days training in demonstrated Biotechnological Techniques, 24 th Oct – 6 th Nov 2007 in Department of Biotechnology, Bundelkhand University , Jhansi, U.P.
5	Participating in workshop “Proteomics and Chemoinformatics” Bioinformatics technologies of India, Bareilly, U.P. 16/09/2018
6	Present scenario of biodiversity in domesticated poultry species and strategies for its conservation in ICAR-CARI, Izzatnagar, Bareilly, U.P. in held on 28 th December 2010
7	Two days hand on training of Molecular testing of Covid 19 , Department of Microbiology, MRU, Government Medical College, Haldwani, Nainital, (U.K.) 06/07/2022 to 07/07/2022
I have good knowledge of Handling and take care of Experimental Animal (Small & Large Animal) and Birds.	

INTERNATIONAL ABSTRACT PUBLISHED	
11 th World Conference on Animal Production BEIJING, CHINA in Oct 15 th - 20 th , 2013	
9 th Asia pacific Poultry Conference (9 th APPC), TAIPEI CITY, TAIWAN in 20 th -24 th Mar 2011	
10 th Asia pacific Poultry Conference (10 th APPC), JEJU ISLAND, SOUTH KOREA Oct 19 th -23 rd 2014	
Current Trends in Biotechnology & Implication in Agriculture-February 19-21,2009,Organized by-S.V.P.U. of Agri. & Tech, Meerut, U.P.	
National ABSTRACT PUBLISHED	
Manthan 2010-An International Symposium-Abstracts,Chandigarh	
Indian Society of Animal Genetics & Breeding 2008 (ISAG&B), Noida, U.P	
Science News Magazine	
Central Avian Research Institute (CARI) NEWS (January-March-2009) Research at a Glance	
XXVI Annual Confer. & National Symposium of Indian Poultry Science Association (IPSACON 2009)	

Details of Publication		
International Research Publication	(First author)	7
	(Co-author)	23
National Research Publication	(First author)	15
	(Co-author)	38
International Conference Attend Abroad		3
National Conference (India)		16
Papers in International Conference		14
Abstract published		19
Books/Chapters in Books		10
Accepted Paper		3
Under Preparation		2
TOTAL		150
External Funded project as a PI, DST, New Delhi		29.19 Lak INR
Intuition/ Seed Money 5 Project @ 10 Lak/Project		50 Lak INR
Cited by Google Scholar Since 2025		
Citations	528	321
h-index	13	10
i10-index	16	10

INTERNATIONAL PUBLICATION - 30

1.	Shukla SK , Singh G, Shahi KS, Bhuvan, Pant P (2019) Genetic change of <i>P53</i> and <i>K-ras</i> in gallbladder carcinoma in Kumaon region of Uttarakhand in India. Journal of Gastrointestinal Cancer . 51(2):552-559. PubMed ID : 31396884
2.	Shukla SK , Pant P, Singh G, Bhuvan, Shahi KS (2019) Histopathological Examination of Gallbladder Specimens in Kumaon region of Uttarakhand. Journal of Gastrointestinal Cancer . 51(1):121-129, PMID: 30847742
3.	Shukla SK , Shukla S, Chauhan A, Sarvjeet, Khan R, Singh LV, Sharma N, Praksah C, Singh AV, Panigrahi M (2017) Differential gene expression in <i>Mycobacterium bovis</i> challenged monocyte-derived macrophages of cattle. Microbial Pathogenesis . 113 480-489. PubMed ID:29170044
4.	Shukla SK , Shukla S, Khan R, Ahuja A, Singh LV, Kamble NM, Dhasmana A, Sharma N, Chand B, Praksah C, Singh AV (2018) Pathway analysis of differentially expressed genes in <i>Mycobacterium bovis</i> challenged bovine macrophages. Microbial Pathogenesis . 115: 343-352. PubMed ID:29197526
5.	Shukla SK , Singh G, Shahi KS, Bhuvan, Pant P (2018) Staging, Treatment and Future Approaches of Gallbladder Carcinoma. Journal of Gastrointestinal Cancer . 49 (1) 9-15. PubMed ID :29234972
6.	Shukla SK , Singh G, Ahmad S Pant P (2018) Infections, Genetic and Environmental Factors in Pathogenesis of Autoimmune Thyroid Diseases. Microbial Pathogenesis . 116: 279–288 PubMed ID: 29325864
7.	Shukla SK , Kumar V, Ahmed SU, Mathew J, Sharma D (2010) Structural homology in BF2 gene between red jungle fowl and different poultry species. Journal of Applied Animal Research 37, 1-5.
8.	Mahera, S Shukla SK (2020) Identification, structural phylogenetics and molecular modeling reveal conservation in IL-2 structural domains and in IL-2 promoter transcriptional regulatory elements of red jungle fowl. Journal of Molecular Biology . (3) 26-38
9.	Kumar A, Choudhir G, Shukla SK , Sharma M, Bhushan A, Rathore M (2020) Identification of phytochemicals as potential inhibitors of viral protease of COVID-19 using molecular modeling based approach. Journal of Biomolecular Structure & Dynamics . 39(10):3760-3770
10	Shivaliya K, Shukla SK , Sharma A, Singh L, Gautam S.S, Lakhera P.C. (2019) Detection and Characterization Of Salmonella Isolate Obtained From Foods Of Livestock Origin And Water. Microbial Pathogenesis . 2 (23) 115-119
11	Singh LV, Shukla SK , Kumar GV, Shukla S, Gupta SK, Gupta S, Singh P, Sharma S, Shao AP, Tiwari AK (2018) In-vitro expression profile of HSP 70 and HSP 90 genes in Peripheral Blood Mononuclear Cells of Indian native Tharparkar and crossbred Vrindavani cattle. Gene Report (8) 22-28
12	Shukla S, Shukla SK Sharma R (2018) Species Identification of Aquatic Mycobacterium isolates by sequencing and PCR-RFLP of the 16S–23S rDNA internal transcribed spacer (ITS) region. Gene Report (10) 26-32.
13	Shrivastava SM, Shukla SK , Chaudhary M (2009) In-vitro antimicrobial activity of Ceftazidime, Tobramycin and their fixed dose combination in pathogenic Microorganisms. Current Drug Therapy , 4 (2). 148-151.
14	Shrivastava SM, Shukla SK , Chaudhary M (2009) Comparison of antimicrobial efficacy of a fixed dose combination of Ceftazidime + Sulbactam with Ceftazidime and Sulbactam Alone against Five Bacteria. Folia Microbiology . 54 (5) 1 PubMed ID:19937210 .
15	Saxena DP, Shukla SK , Kumar K, Saxena R, Saxena S, Shukla S, Gupta V, Stephen R, Kumar H, Kumar L. (2011) Efficacy studies of in-vitro Screening of antiplasmodial activity by crude extracts of <i>Diospyros melanoxylon</i> . Research Journal of Medicinal Plants . 5(3) 312-320
16	Gupta V, Shukla SK , Shrivastava SM, Shukla S, Kumar K, Saxena DP, Shrivastava B, Chaudhary M (2010) Studies of in-vitro evaluation and formulation of Aceclofenac Loaded PLGA Microspheres. International Journal of Pharmacology . 6 (5) 726-731.

17	Shukla S, <u>Shukla SK</u> , Sharma R, Kumar A (2014) Identification of <i>Mycobacterium</i> Species from Apparently Healthy Freshwater Aquarium Fish Using Partial Sequencing and PCR-RFLP Analysis of Heat Shock Protein (<i>hsp65</i>) gene. Journal of Applied Ichthyology . 30(3)513-520, PubMed ID :19345610.
18	Kumar V, <u>Shukla SK</u> , Mathew J, Sharma D (2015) Genetic diversity and phylogenetic relationship analysis between Indian red jungle fowl and domestic chicken using AFLP Marker. Japan Poultry Science Association 52, 94-100.
19	Kumar V, <u>Shukla SK</u> , Kumar S, Goyal G Mathew J, Sharma D (2015) Genetic diversity and population structure analysis between red jungle fowl and domestic chicken using microsatellite markers. 26:201–210. Animal Biotechnology . PubMed ID : 25831041
20	Singh SK, Mehra S, <u>Shukla SK</u> , Tiwari A, Goyal G, Mehra M, Mathew J, Sharma D (2010) Nucleotide sequence variation in MHC class I region in guinea fowl. International Journal of Poultry Science . 9 (3) 236-239, PubMed ID :12916898
21	Shukla S, Sharma R, <u>Shukla SK</u> (2013) Detection and Identification of Globally Distributed Mycobacterial Fish Pathogens in Some Ornamental Fish in India. Folia Microbiology . 58:429–436 PubMed ID : 23358914
22	Gupta J, Mathew J, <u>Shukla SK</u> , Mehra S, Mehra M, Sharma D (2009) Mitochondrial DNA variation within and between gallous species. Asian Journal of Microbiology and Biotechnology & Environmental science . 11(4) 717-72.
23	Das H, Ahmed SU, <u>Shukla SK</u> , Shukla S, Sharma D (2010) Two β Defensin Cationic Peptides From Mastitic Milk of <i>Bubalus bubalis</i> . Asian Journal of Animal Science . 4 (1) 1-12.
24	Singh SK, Mehra S, Kumar V, <u>Shukla SK</u> , Tiwari A, Goyal G, Mehra M, Mathew J, Sharma D (2010) Sequence variability in the BLB2 region among guinea fowl and other poultry species. International Journal of Genetics and Molecular Biology . 2 (3) 048-051, PubMed ID :19170310.
25	Goyal G, Upmanyu V, Singh SK, <u>Shukla SK</u> , Mehra S, Kumar V, Sharma D (2010) Differential Expression of IL-6 and IGF-II in Guinea Fowl and Chicken. International Journal of Poultry Science .9 (8):756-760, PubMed ID :18109954.
26	Chauhan A, Patel BHM, Maurya R, Kumar S, <u>Shukla SK</u> , Kumar S (2016) Pig production system as a source of livelihood in Indian scenario: an overview. International Journal of Science Environment and Technology . 5(4)2089–2096.
27	Kamble NM, Aravind S, Gaikwad SS, <u>Shukla SK</u> , Khulape SA, Dey S, Mohan CM (2016). Evolutionary and bioinformatics analysis of the spike glycoprotein gene of H120 vaccine strain protectotype of infectious bronchitis virus from India. Biotechnology and Applied Biochemistry . 63 (1) 106–112, PubMed ID :25311758
28	Aravind S, Kamble NM, Gaikwad SS, <u>Shukla SK</u> , Khulape SA, R. Saravanan Dey S, Mohan CM (2015) Protective effects of recombinant glycoprotein D based prime boost approach against duck enteritis virus in mice model. Microbial Pathogenesis . (88) 78-86, PubMed ID :26188265
29	Aravind S, Kamble NM, Gaikwad SS, <u>Shukla SK</u> , Sohini Dey, Dey S, Mohan CM (2015) Adaptation and growth kinetics study of an Indian isolate of virulent duck enteritis virus in Vero cells. Microbial Pathogenesis .78 14-19, PubMed ID :25450886
30	Kumar D, Prakash A, Dhama K, Kumar S, <u>Shukla SK</u> , Malik JK (2014) I Apoptotic Gene Expression in Endosulfan Exposed IBD Infected Birds. Advances in Animal and Veterinary Sciences , 2 (2), 111-115.

NATIONAL PUBLICATION-53

31	<u>Shukla SK</u> , Pant P, Ahmad S, Singh G (2024) Cytomorphological profile of Graves' disease and its correlation with anti TPO antibody. Journal of Medical Sciences and Health . 2 10 (1).
32	<u>Shukla SK</u> , Mehra S., Pant P. Ahmad S, Singh G. (2024) A C/T polymorphism at the 5' Untranslated Region of CD40 gene in patients associated with Graves' disease in Kumaon region. Journal of Medical Sciences and Health . 10(2)
33	<u>Shukla SK</u> , Mehra S., Pant P. Ahmad S, Singh G (2024) Association of PTPN22 polymorphism and its correlation with Graves' disease patients" International Journal of Biological & Medical Research . 15(3): 7811-7815
34	<u>Shukla SK</u> , Mehra S., Pant P. Ahmad S, Singh G, (2025) Associations of PTPN22, CD40 gene polymorphisms and Cytomorphological profile of Graves' disease in Kumaon region. The Journal of Medical Sciences . Accepted
35	<u>Shukla SK</u> , Gupta S, Satyawali VN, (2023) Adiponectin Gene Polymorphisms as Potential Biomarker for Development of Type 2 Diabetes Mellitus in Kumaon Region Population. Journal of Medical Sciences and Health . 9 (3). 316-323.
36	<u>Shukla SK</u> , Singh G, Ahmad S, Pant P, Mehra S. (2021) Current and Newly Emerging Autoimmune Diseases with Improved Diagnosis and Novel Treatment. International Journal of Multidisciplinary Educational Research . 10, 4(7) 42-62.
37	<u>Shukla SK</u> , Gupta S, Satyawali V, Mehra S (2021) The emerging role of adiponectin as potential biomarker and therapeutic target in type 2 diabetes mellitus. International Journal Dental and Medical Sciences Research , 03, (03) 401-417.
38	<u>Shukla SK</u> , Shukla S, Verma RK, Singh LV, Khan BJ, Gupta V, Saxena DP (2018) Study of Anaemia in children and current update. Indian Journal of Biotechnology and Pharmaceutical Research . 08, 1
39	<u>Shukla SK</u> , Shukla S, Chauhan A, Maurya R, Sarvjeet, Rahaour S, Singh LV, Panigrahi M (2017) Diagnose of <i>Bovine tuberculosis</i> infection in Indian Cattle by interferon-gamma (IFN- γ) assay. International Journal of Livestock Research . 07 (9)1-11.
40	<u>Shukla SK</u> , Chauhan A, Shukla S, Panigrahi M, Bhushan B, Maurya S, Sarvjeet, Maurya R, Kumar S, Prakash C, Saxena VK, Singh RV (2016) Screening of bovine tuberculosis cattle using the tuberculin skin test in Barsana. Journal of Pure and Applied Microbiology . 10 (02).
41	<u>Shukla SK</u> , Chauhan A, Shukla S, Panigrahi M, Bhushan B, Maurya S, Sarvjeet, Maurya R, Kumar S, Prakash C, Saxena VK, Singh RV (2016) Detection and identification of bovine tuberculosis in Indian Cattle (<i>Bos Indicus</i>) Journal of Pure and Applied Microbiology .10 (02).
42	<u>Shukla SK</u> , Ahmed SU, Tiwari A, Mathew J, Sharma D (2009) Molecular Cloning of Major Histocompatibility Complex Class I cDNA from Red Jungle Fowl (<i>Gallus gallus</i>). Bioscience Biotech Research Asia . 6 (2) 567-576.
43	<u>Shukla SK</u> , Tiwari A, Mahera M, Mathew J, Sharma D (2009) PCR-RFLP in BF2 region between Red Jungle Fowl and poultry species. The Indian Veterinary Journal . 88 (5) 13-15
44	<u>Shukla S.K</u> , Shukla S, Mathew J (2009) The Relative Biochemical Studies of Avian Egg White Proteins. Biomedical and Pharmacological Journal . 2 (2).
45	<u>Shukla SK</u> , Shukla S, Mathew J (2009) Comparisons of Lung Structure of fully developed Domestic Fowl with Duck, through orientation to Broiler Ascites. Bioscience Biotech Research Asia .6 (2).

46	Gupta S, <u>Shukla SK</u> , Satyawali V. (2023) Correlation of Adiponectin in Metabolic Syndrome among Newly Diagnosed Patients of T2DM in a Tertiary Care Center of Kumaon Region of Uttarakhand. International Journal of Pharmaceutical and Clinical Research . 15 (3); 718-728
47	Verma RK, <u>Shukla, SK</u> , Shukla S (2017) Bluetongue in Ruminants. International Journal of Livestock Research . 7 (9) 11-18.
48	Shukla S, <u>Shukla SK</u> , Mathew J (2009) Studies of environmental water samples by different parameter for Isolation of Legionella spp. <i>Current World Environmental</i> .4 (2) 313-320.
49	Ahmed SU, <u>Shukla SK</u> , Das H (2017) Molecular characterization of Mitochondrial D loop of Indian Red Jungle fowl. International Journal of Livestock Research . 7 (6) 144-152.
50	Shukla S, <u>Shukla SK</u> , Verma DK, Shukla S (2014) Phenotypic and Molecular Characterization of <i>Mycobacterium</i> species from Fresh Water Aquarium Fish and Water Samples. Journal of Pure and Applied Microbiology . 08 (01) 453-460.
51	Shrivastava SM, <u>Shukla SK</u> , Chaudhary M (2009) Studies on Susceptibility, Minimum Inhibitory Concentration and Time Kill Curve of Cefpirome and Sulbactam in combination and Cefpirome alone in <i>Proteus vulgaris</i> , <i>Pseudomonas aeruginosa</i> , <i>Escherichia coli</i> and <i>Klebsiella pneumoniae</i> . Journal of Pure and Applied Microbiology . 3:325-330.
52	Shrivastava SM, <u>Shukla SK</u> , Kumar S, Chaudhary M (2009) Microbial efficacy analysis of potentox, a fixed dose combination of Cefepime Amikacin with Cefepime and Amikacin alone in a <i>Citrobacter braaki</i> , <i>Mycobacterium smegmatis</i> , <i>Acinetobacter baumannii</i> and <i>Neisseria mucosa</i> . Biomedical and Pharmacology Journal . 2(1) 95-98.
53	Shrivastava SM, <u>Shukla SK</u> , Chaudhary M (2009) Minimum Inhibitory Concentration and Time Kill Curve studies of Tobracef, a fixed dose combination of Ceftazidime and Tobramycin. Bioscience Biotech Research Asia , 6(1), 325-330.
54	Shrivastava SM, <u>Shukla SK</u> , Chaudhary M (2009) Efficacy and Stability Evaluation of Immunox V., Indian Journal Pharmaceutical Education Research . 43(4) 346-350.
55	Shrivastava SM, <u>Shukla SK</u> , Chaudhary M (2008) <i>In-vitro</i> microbial efficacy analysis of Tobracef, a fixed dose combination of Ceftazidime and Tobramycin against <i>Acinetobacter lwoffii</i> , <i>Morganella morganii</i> , <i>Enterobacter cloacae</i> , <i>Hafnis alvei</i> , <i>Citrobacter freundii</i> and <i>Serratia gremesii</i> . Biomedical and Pharmacology Journal .1 (2), 421-424.
57	Shrivastava SM, <u>Shukla SK</u> , Kumar S, Chaudhary M (2009) Comparative Study of Efficacy of a fixed Dose Combination of Ceftriaxone Sulbactam and Ceftriaxone Tazobactam. Journal of Pure and Applied Microbiology . 3(2), 719-723.
58	Shrivastava SM, <u>Shukla SK</u> , Chaudhary M (2009) Minimum Inhibitory Concentration of Sulbactomax, Ceftriaxone and Sulbactam in <i>Acinetobacter lwoffii</i> , <i>Serratia grimesii</i> , <i>Hafnia alvei</i> , <i>Enterobacter cloacae</i> , <i>Morganella morganii</i> and <i>Citrobacter freundii</i> . National Journal of Life Science . 6(2) 243-246.
59	Tiwari A, <u>Shukla SK</u> , Singh SK, Mehra S, Sharma D (2010) Comparative evaluation of di-nucleotide and tetra nucleotide de repeat Microsatellite marker. Indian Journal of Poultry Science . 45 (2) 120-122.
60	Ahmed SU, <u>Shukla SK</u> , Das H (2017) Phylogenetic relationship among red jungle fowl subspecies based on mitochondrial D loop region variability. International Research Journal of Pharmaceutical and Biosciences . 4 (2) 1-7.
61	Verma R, Singh I, <u>Shukla SK</u> , Chaudhary V, Kumar S, Nayan V, Balhara AK (2017) Artificial induction of lactation and milk yields in dry barren (infertile) cows and buffaloes: An overview. 20 (1) Journal of Experimental Zoology India .

62	Kumar S, Chauhan A, <u>Shukla SK</u> , Sarvajeet, Singh RV (2018) Molecular Characterization of A1/A2 Beta-Casein Alleles in Tharparkar and Gir Cattle. Journal of Experimental Zoology India . 20 (1) Accepted .
63	Verma RK, Shukla S, <u>Shukla SK</u> , Kumar S (2017) Nanotechnology based materials and their innovative usages in animal health. Journal of Experimental Zoology India . 20(2) 665-670.
64	Gupta S, Saxena SR, <u>Shukla SK</u> (2021) A study of dyslipidemias in patients with non-dialysis chronic kidney disease patients in a tertiary care centre of Kumaon region. <i>International Journal of Medical Science and Public Health</i>
65	Chauhan A, Maurya S, <u>Shukla SK</u> , Kumar P, Sonwane A, Maurya R, Kumar S, Baranwal A, Kumar S, Gopi, Bhushan B, Sharma D (2016) mRNA expression of chemokine genes in bovine tuberculosis infected crossbred cattle Journal of Pure and Applied Microbiology . 10 (3).
66	Chauhan A, Maurya S, <u>Shukla SK</u> , Singh RV, Sonwan A, Prakash C, Maurya RV, Kumar P, Sarvjeet, Baranwal A, Sharma D, Bhushan B (2015) Analysis of Toll like receptors and Interleukins expression profile in Mycobacterium avium subsp. Paratuberculosis infected cattle. Journal of Pure and Applied Microbiology . (9) 297-305.
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