


CURRICULUM VITAE**Personal Information**

Date of Birth:	19 th October 1982	
Father's Name:	Shri J. I. Tiwari	
Mother's Name:	Smt. Geeta Tiwari	
Category:	General	
Gender:	Female	
Nationality:	Indian	
Area of Specialization :	Veterinary Microbiology	
Institute:	U.P. Pandit Deen Dayal Upadhyaya Veterinary University, (DUVASU), Mathura (U.P.), India	
Present Position:	Assistant Professor (Senior scale), Department of Microbiology, College of Veterinary Sciences, Resource Faculty, Cllege of Biotechnology U.P. Pandit Deen Dayal Upadhyaya Veterinary University (DUVASU), Mathura (U.P.) -281001	
Present Address:	College of Veterinary Sciences U.P. Pandit Deen Dayal Upadhyaya Veterinary University (DUVASU), Mathura (U.P.) -281001	
Permanent Address:	SQ-I8, Near Regional Hospital Babu Line, Nowrozabad Colliery, Umariya (M.P.) 484555	

Educational Qualifications

S. No.	Name of Examination	Name of Institute	Name of University/Board	Year	O.G.P.A.
1.	Ph.D.	College of Vety. Sc. & A.H., Mathura, U.P.	DUVASU, Mathura, U.P.	2016-Cont.	9.02/10
2.	M.V.Sc.	College of Vety. Sc. & A.H., Anjora, Chhattisgarh	IGKV, Raipur, Chhattisgarh	2009	9.31 / 10.0
3.	B.V.Sc. & A.H.	College of Vety. Sci. & A. H., Jabalpur, Madhya Pradesh	JNKVV, Jabalpur, M.P.	2006	7.72 / 10.0
4.	Higher Secondary (XII th)	Saraswati H S School Shahdol, M.P.	Board of Secondary Education, Bhopal	1999	73.77 %
5.	High School (X th)	Government H S School, Nowrozabad, M.P.	Board of Secondary Education, Bhopal	1997	76.0 %

TITLE OF Ph.D. THESIS RESEARCH: "Study on Isolation, Characterization and antibacterial potential of Bacteriophage against Bovine Mastitis"

TITLE OF M.V.Sc. THESIS RESEARCH: "Studies on Lytic Bacteriophages Recovered from Animal Waste: Isolation, Characterization and Therapeutic Potential Against Pathogenic Bacteria"

Employment Record

S. No.	Post Held	Pay Scale	Period	Name of Organization / University / Institute
1.	Research Associate	23,000+20% HRA	Dec. 2009 to Aug. 30, 2011	Indian Veterinary research Institute, Izatnagar (U.P.)
2.	Asstt. Professor	Basic Pay: 15,600 to 39100 + Grade Pay (6000)	14-10- 2011- Continuing	College of Veterinary Sciences, U.P. Pandit Deen Dayal Upadhyaya Veterinary University (DUVASU), Mathura (U.P.)
3.	Asstt. Professor Senior Scale	Basic Pay: 28,360-39100 + Grade Pay (7000)	14-10- 2016- Continuing	College of Veterinary Sciences, U.P. Pandit Deen Dayal Upadhyaya Veterinary University (DUVASU), Mathura (U.P.)

Technical Training and Professional Experience

- Participated in ICAR Short Course of 10 days on “Molecular Tools in Epidemiology of Infectious Diseases” at DUVASU, Mathura, UP from 06-15 Nov, 2017.
- Participated in ACSE Short Course for Journal Editors on “**Bibliometrics for Editors**” at Dubai, UAE, August 10th, 2016.
- Participated in ACSE Short Course for Journal Editors on “**Improving your Journal Quality**” at Dubai, UAE, August 10th, 2016.
- Participated in 2 days Education tour with M.Sc.-Biotechnology Students of College of Biotechnology, DUVASU, Mathura, UP from April 23, 2018 to April 24, 2018.
- Participated in 15 days South India Education tour with Ixth Sem. Students of B.V.Sc. & A.H., DUVASU, Mathura, UP from Dec 23, 2015 to Jan 6, 2016.
- Participated in Short term training programme on “Frontier Approaches in Diagnosis and Control of Animal Viral Diseases with Quality Assurance and Quality Control of Veterinary Biologicals” at (IVRI) Izatnagar, Bareilly, Uttar Pradesh on 10th -19th November 2014.
- **External question paper evaluator & external examiner** of Annual VMC-311, 321 for GADVASU, Punjab.
- **External question paper setter, evaluator & external examiner** of Annual VMC-311, 321 for B.V.Sc. & A.H., CoVS, Mhow, NDVU, M.P.
- **External question paper setter** of Annual VMC-211, 221 for NDVU, Jabalpur, M.P.
- **External question paper setter & evaluator** of Annual VMC-311, 321 for LLRUVAS Hisar, Haryana.
- **External question paper setter, evaluator & external examiner** of Annual VMC-211, 221 at CGKV, Durg C.G.
- Worked as **Research Associate (RA)** in All India Network Programme on Haemorrhagic Septicemia (AINP-HS), under ICAR at IVRI, Izatnagar, Bareilly (Dec., 2009 to Aug. 2011).
 - Detection and isolation of *Pasteurella multocida* from field samples
 - Biochemical testing and Antibiogram studies of field isolates of *P. multocida*
 - Antigen preparation and raising of hyperimmune sera
 - Typing of field isolates of *Pasteurella multocida* by conventional & molecular techniques (Serotyping and Molecular characterization I by HA, AGID, ELISA, PCR)
 - Development of Alum Precipitated Saponified HS vaccine; its immunogenicity & challenge studies.
- Undergone Internship Training at **TVCS**, College of Veterinary Science & Animal Husbandry, Jabalpur, M.P. for 6 months.

Professional Competence

- Isolation, Identification and Characterization of **Bacterial, Viral & Fungal agents**.
- **Sterilization** and Disinfection of laboratory instruments and equipments.
- Preparation, Processing and Sterilization of various Reagents, Medias, and Biological Sample processing for **Virological** and **Bacteriological** Research.
- Isolation, Identification, Adaptation and Propagation of Viruses of Veterinary importance in **Embryonated Chicken Eggs**.
- Isolation and characterization of bacteriophages from livestock animals and Bacteriophage therapy for bacterial infections.
- Investigation of natural cases of **disease outbreak** in Animals.
- Performing Various **Biochemical Tests** for **Diagnosis** of Viral and Bacterial Diseases.
- Performing Various **Immunological and Serological Tests viz** Agglutination test, Precipitation tests, Double immunodiffusion test, HA, IHA, ELISA, SDS-PAGE, Western blotting for **Diagnosis** of Viral and Bacterial Diseases.
- Molecular techniques viz., PCR, RE-Analysis, Gel-electrophoresis, LAMP etc. for rapid disease diagnosis.
- Antibiotic Sensitivity Test to assess the sensitivity of bacterial pathogen against antibiotics.
- Handling and Inoculation of Lab animals eg. Mice, guinea pig, rabbit, chicken for immunological studies.
- Lyophilization/Freeze drying of pure bacterial cultures for long term maintenance.
- Development of Vaccine and challenge study.

RESEARCH ACTIVITIES

* **Handled one Research Project as Principal Investigator:**

* **Project title:** "Screening of superficial wound and skin infections in animals for bacterial and mycotic pathogens and their drug sensitivity pattern against commonly used antimicrobial agents". Duration of project: 2 yrs (2012-2014).

Submission of following New Research Projects as Co-Investigator:

- * Title: Studies on drug resistance profile of virulent *E. coli* and its biological control through Bacteriophage. Funding agency: ICAR. (Project Cost: Rs. 24.92 Lacs).
- * Title: Development of killed vaccine against Infectious Bovine Rhinotracheitis (IBR) virus infection. Funding agency: UPCAR (Project Cost: Rs. 24.92 Lacs).
- * Title: Establishment of disease diagnostic state referral laboratory and mobile diagnostic unit. Funding agency: RKVY (Project Cost: Rs. 406.68 Lacs).
- * Title: Detection of microbes involved in abortions of cattle. Funding agency: University Funding (Project Cost: Rs. 2.5 Lacs).
- * Title: Evaluation of microbiological and physico-chemical quality of meat of poultry and different animal species at retailer shops of Mathura region. Funding agency: University Funding (Project Cost: Rs. 1.00 Lac).
- Acting as Incharge, Laboratory Animal House, Department of Microbiology & Immunology (Aug, 2017-continuing).
- Acted as Incharge, Molecular & Serology Laboratory, UG Lab, PG Bacteriology Lab, Seminar Room of Department of Microbiology & Immunology.
- Disease Investigation Activity: Collection and Processing of samples from Clinical camps, cases of post-mortem for the diagnosis of microbiological cause of death in birds & animals and Processing of clinical material submitted to the department for isolation and identification of microorganism from blood, milk, skin, cystic fluid, nasal secretion and tissue samples along with antimicrobial sensitivity testing.

TEACHING ACTIVITIES

S. No	Course Title	Course No.	Credit (T+P)	UG/PG
	General Veterinary Microbiology	VMC-211	1+1	UG
	Veterinary Lab. Diagnosis	VLD-421 & VLD-511	0+1	UG
	Veterinary Immunology & Serology	VMC-221	1+1	UG
	Veterinary Virology	VMC-604	2+1	PG
	Veterinary Mycology	VMC-603	1+1	PG
	Systematic Veterinary Virology	VMC-321	2+1	UG
	Techniques in Microbiology & Immunology	VMC-609	0+3	PG
	Systemic Bacteriology & Mycology	VMC-311	2+1	UG
	Animal Biotechnology	VPB- 321	2+1	UG
	Veterinary Clinical Practice	VCP- 421	0+5	UG
	Veterinary Lab. Diagnosis	Internship	Internship	UG
	Diagnostic study circle		Non-credit	UG
	Microbiology-I	BT-112	4+0	UG
	Microbiology-II	BT-115	0+4	UG
	Bacteriology-I	VMC-601	3+1	PG
	Bacteriology-II	VMC-602	3+1	PG
	Principles in Microbiology	BT-104	2+1	PG
	Cell Culture and Hybridoma technology	BT-204	2+1	PG

MEMBERSHIP OF SCIENTIFIC / PROFESSIONAL SOCIETIES

Professional Society Memberships: Member of 16 Scientific / Professional Societies

Sl. No.	Professional Society	Member
1.	Veterinary Council of India (VCI)	Regd. Member
2.	M.P. Veterinary Council (MPVC)	Regd. Member
3	Indian Association of Lady Veterinarians (IALV)	Life Member
4	JVC Alumni Association, College of Veterinary Science & Animal Husbandry, Jabalpur.	Life Member
5.	Indian Association of Veterinary Microbiologists, Immunologists & Specialists in Infectious Diseases (IAVMI)	Life Member
6.	Indian Association for Advancement of Veterinary Research (IAAVR)	Life Member
7.	Indian Society for Veterinary Medicine (ISVM)	Life Member
8.	Indian Association of Veterinary Public Health (IAVPH)	Life Member
9	Society for Immunology and Immunopathology (SIIP)	Life Member
10.	Indian Virological Society (IVS)	Life Member
11.	Indian Poultry Science Association (IPSA)	Life Member
12.	Association of Avian Health Professionals (AAHP)	Life Member
13.	Society of Veterinary Science & Biotechnology (SVSBT)	Life Member
14.	Indian Immunological Society (IIS)	Life Member
15.	International Academy of Biosciences (IAB)	Founder/Life Member
16.	Asian Council of Scientific Research (ACSE)	MEMBER

PARTICIPATION IN SYMPOSIUM/ CONFERENCES/ SEMINARS/ WORKSHOPS:

Attended and Participated in **twenty three (23) National and International Symposium/ Conferences /Workshops & Presented Research Articles or attained trainings in Workshops.** Interacted with Researchers/Scientists of different Organizations / Institutes from India and Abroad.

Sl. No.	Symposium/ Conferences/ Seminars/Workshops	Held on	Held at
1.	4 th Pet (Dog) Show	22 nd Jan, 2005	College of Veterinary Science & Animal Husbandry, Jabalpur M.P.
2.	VIII th IALV Convention and National symposium on “Emerging trends: Some Reflections and New Dimensions in Veterinary Science and Animal Husbandry Practices”	20 th - 22 nd Jan. 2007	Anjora, Durg (C.G.)
3.	IX th National Technical seminar of Indian Association of Lady Veterinarians (IALV) on “Role of women veterinarians in augmenting rural economy through Animal husbandry”.	24 th -25 th Jan.2008	Banglore, Karnataka
4.	5 th Convention of SAARC Congress and Indian Society for advancement of canine practice on “Changing Horizons in Companion Animal Health Care-Evolving Strategies with Global Perspective”	7 th -9 th Feb, 2008	Chennai, Tamilnadu.
5.	X th National symposium of Indian Association of Lady Veterinarians (IALV) on “Contribution of women veterinarians in upliftment of Livestock production Through New Technologies” .	29 th -31 st Jan. 2009	Jabalpur, M.P.
6.	XXIV th Annual Convention of IAVMI and International Conference on ‘Protecting Animal Health: Facilitating Trade in Livestock & Livestock Products.	27-29 th Jan. 2010,	Raipur, C.G.
7.	Orientation and Sensitization workshop on “Science Writing/ Journalism” by DST and AMU, Aligarh.	26 th -30 th Nov. 2011	DUVASU, Mathura, U.P.
8.	Participated in XIV Annual Convocation of NAVS (INDIA) and National seminar on “Livestock policy for National food and Nutritional security in the Scenario of WTO regulations”	2 nd -3 rd Nov., 2012	DUVASU, Mathura, U.P.
9.	Participated in II nd Annual Meeting & National seminar of SVSBT on “Biotechnological approaches to Challenges in Animal Health & Production”.	6 th -7 th March, 2014	DUVASU, Mathura, U.P.
10.	Participated in XXVIII Annual Convention of IAVMI and International conference on “Challenges and Opportunities in Animal Health at the Face of Globalization and Climate Change”	Oct 30 th - Nov 1 st , 2014	DUVASU, Mathura, U.P.
11.	Short term ICAR training programme on “Frontier Approaches in Diagnosis and Control of Animal Viral Diseases with Quality Assurance and Quality Control of Veterinary Biologicals”	10 th -19 th November 2014	(IVRI) Izatnagar, Bareilly, Uttar Pradesh
12.	National Seminar on “Veterinary Service Provision in India: An Equine Perspective”	25 th Feb, 2015	College of Veterinary Sciences, DUVASU, Mathura U.P.
13.	National Seminar on “Strategies for Conservation of Indigenous Cattle Breeds of Semiarid Region for Augumenting Milk Production”	1 st Feb., 2016	College of Veterinary Sciences, DUVASU, Mathura U.P.
14.	Short training programme on “Personality Development	12 th -21 st	ICAR-NAARM, Hyderabad

	and Self-motivation for Enhanced Performance of Agricultural Scientists and Teachers”	July, 2016	(A.P.)
15.	Participated in ACSE Annual Conference and ACSE Short Course of One day for Journal Editors on “Bibliometrics for Editors” and “Improving your Journal Quality”	10 th -11 th August, 2016	Deira, Dubai, UAE
16.	Participated in Online International Satellite Symposium (ISS) on “Advances in Animal Sciences and Biomedicine in 21 st Century”	12 th October, 2016.	International Academy of Biosciences (IAB), UK
17.	Participated in Massive Open Online Course (MOOC) of 31 days on “Competency Enhancement for Effective Teaching”	Nov.18 th -18 th Dec., 2016.	ICAR-NAARM, Hyderabad (A.P.)
18.	Participated in Annual Conference of ACSE and ACSTM	12 th -14 th August, 2017	Deira, Dubai, UAE
19.	Participated in ICAR Short Course of 10 days on “Molecular Tools in Epidemiology of Infectious Diseases”	6 th -15 th Nov, 2017	DUVASU, Mathura, UP
20.	Participated in Massive Open Online Course (MOOC) of 30 days on “Teaching Management”	1 st -30 th Nov, 2017	ICAR-NAARM, Hyderabad (A.P.)
21.	Participated in 5 th Annual Conference of ACSE and 2 nd ACSTM	20 th -22 nd March, 2018	Deira, Dubai, UAE
22.	Participated in 21 days ICAR Winter school on “Practicability, Scope and Future Prospects of Ethnobotanicals in Minimizing Antibiotic Resistance”	Sept. 26 th – Oct 16 th , 2018	(IVRI) Izatnagar, Bareilly, Uttar Pradesh
23.	Participating in Massive Open Online Course (MOOC) of 30 days on “Dynamics of Teaching - Learning”	1 st -30 th Nov, 2018	ICAR-NAARM, Hyderabad (A.P.)

Awards / Honors / Recognitions

Sl. No	Year	By Whom Awarded	Details of Honour / Medals / Awards
1.	2006	Dean, College of Vety. Sc. and A.H., JNKVV University, Jabalpur M.P.	Third position in B.V.Sc. & A.H.
2.	2009	Vice-Chancellor, IGKVV University, Raipur	Second Position in M.V.Sc. and M.V.Sc. (Hons.)
3.	2009	Indian Association of Lady Veterinarians (IALV) , During X National conference and National Symposium on “Contributuion of Women Veterinarians in Upliftment of Livestock Production Through New Technologies” 29-31 Jan. 2009, Veterinary College, JNKVV, Jabalpur, M.P.	Young Scientist Award- 2009 Ruchi Tiwari, S.D. Hirpurkar and S. Shakya. “Isolation and Characterization of Lytic Phages from Natural Waste Material of Livestock”.
4.	2009	Indian Association of Lady Veterinarians (IALV), During X National conference and National Symposium on “Contributuion of Women Veterinarians in Upliftment of Livestock Production Through New Technologies” 29-31 Jan. 2009, Veterinary College, JNKVV, Jabalpur, M.P.	Best Poster Award Ruchi Tiwari, S. D. Hirpurkar, R.K.Gupta, D. Gupta and S. Shakya. “Therapeutic Potential of Lytic Phages Against Antibiotic Resistant Infections”
5.	2011	Rajbhasha Anubagh, Indian Veterinary Research Institute, Izatnagar, Bareilly (U.P.), during Hindi Pakhwada, on “Second Green Revolution of India – Perspectives’.	“Consolation Prize’ in Hindi Essay Competition

6.	2013	ICAR- NET (National Eligibility Test) Certificate	NET Examination of Indian Council of Agriculture Research qualified.
7.	2013	<i>Journal of Experimental Biology & Agricultural Science</i> for Review article.	Best Paper Award “Dhama, K., Wani, MY, Deb, R., Karthik K, Tiwari, R. , Barathidasan, R., Kumar, A, Mahima, Verma, AK & Singh SD (2013). Plant based oral vaccines for human and animal pathogens – a new era of prophylaxis: Current and future perspectives. <i>J. Exp. Biol. & Agri. Sci.</i> , 1(1): 1-12.”
8.	2014	National Seminar on “Biotechnological approaches to challenges in animal health and production” by Society of Veterinary Science & Biotechnology (SVSBT), held on March 6 th -7 th , 2014 at DUVASU, Mathura.	Best Oral presentation award Ruchi Tiwari , Amit Kumar and Sharad Kumar Yadav. Multidrug Resistance: An Emerging Threat and Growing trend in Health Care Industry.
9.	2015	Adv Anim Vet Sci. April 2015	Best Paper Award for “One world, one health - veterinary perspectives', Adv Anim Vet Sci. 1(1): 5-13.
10.	2015	Adv Anim Vet Sci. May 2015	Best Paper Award “A perspective on applications of GIS; an advanced tracking tool for disease surveillance and monitoring in veterinary epidemiology” Adv Anim Vet Sci. 1(1): 14-24.
11.	2015	Adv Anim Vet Sci. June, 2015	Best paper Award- “Recent approaches in diagnosis & control of mycobacterial infections with special reference to <i>M. avium</i> subsp. paratuberculosis” Adv Anim Vet Sci. 2(1S): 1-11.
12.	2017	35 th Annual convention and National symposium on “Innovative techniques, emerging issues and advancement in veterinary medicine to meet challenges: Present and the future” by Indian Society of Veterinary Medicine (ISVM), held on Feb 22 nd -24 th , 2017 at CoVS, Tirunelveli, Tamil Nadu.	Second Best Oral presentation award , Shanker K.Singh, Prashant Yadav, Vivek K. Singh, Ruchi Tiwari , Satish K Garg for “Polyherbal capsule (Pyodermacare-G): A persuasive warrior for bacterial & mycotic dermatitis in dogs”.
13.	2018	5 th Annual Conference of ACSE and 2 nd ACSTM, 20 th -22 th March, 2018 at Deira, Dubai, UAE	Acted as Session Chairman .

- Active member of NCC in B.V.Sc, & A.H (B & C-Certificate).
- Selected in IVRI PhD degree programme 2011.
- **Editor-in-Chief**, Asian Journal of Animal Science.
- **Editor**, Annual Report, DUVASU (2011-2012) U.P.
- **Associate Editor**, Journal of Infectious & Molecular Biology.
- **Associate Editor**, Journal of Immunology & Immunopathology.
- **Regional Treasurer of IAB & Advances in Animal and veterinary sciences.**
- **Co-Organizing secretary of 1st International Satellite Symposium of IAB On 12th Oct, 2016.**
- **Guest Editor** of Special Issue of Advances in Animal and Veterinary Sciences.
- **Member, Editorial Board** of International Journals: Frontiers in Microbiology, Frontiers in Immunology, American Journal of Pharmacology and Toxicology, Advances in Animal and Veterinary Sciences, Journal of Virology & Biotechnology, Research Opinions in Animal &

Veterinary Sciences, Advances in Microbiology Research, Livestock Technology, Poultry World Magazine, Pashudhan Patrika.

- **Reviewer** of Veterinary Microbiology, Journal of Thermal Biology, Frontiers in Microbiology, Frontiers in Immunology, Frontiers in Aging Neuroscience, JIIP, Journal of Herbal Medicine, Revista Brasileira de Zootecnia, Journal of Ethnopharmacology, Science of the Total Environment (STOTEN), Indian Journal of Experimental Biology, Journal of Biological Sciences, Journal of Experimental Biology & Agricultural Science, Advances in Animal and Veterinary Sciences.
- Acted as **Rapporteur** in Sessions of Veterinary Science modules and Animal Husbandry modules in One day Interface meeting/Workshop on “Implementation of Certain Modules of Veterinary Science and Animal Husbandry Activities through Subject Matter Specialist (Animal Science) of KVK of Uttar Pradesh and Uttarakhand” organized by Department of Director Extension at DUVASU, Mathura, U.P. on 20th September, 2014.
- Acted as **Chairman of Session** in an International conference of 5th ACSE and 2nd ACSTM in Dubai, UAE.
- **Brand Ambassador** of Bentham Science Publishers, UAE

Extra-curricular Activities and Other Skills

- Acting as “**Counsellor for Chess**” in DUVASU, Mathura.
- Delivered **one Radio talk** on “Hello Akashwani” Programme in Akashwani, Mathura on 21st Dec, 2017.
- Acted as **Tour Incharge** of B.V.Sc. & A.H.-Final year students for **South India Education tour** of 15 days from 23rd Dec-6th Jan., 2016.
- Acted as **Tour Incharge** of M.Sc. Biotechnology students for **Education tour** to IVRI, Izatnagar, Bareilly of 2 days from 23rd-24th April, 2018.
- Acted as **External examiner** for question paper setting & evaluation of Annual Theory exams and conducting Practical examinations at Veterinary College, Mhow, NDVSU, M.P. & Veterinary College, Durg, KDVU, C.G. for B.V.Sc. & A.H.-3rd year and 2nd year students, respectively.
- Acted as **Question paper setter** & evaluator of Annual External Theory examinations of B.V.Sc. & A.H.-3rd year and 2nd year students of NDVSU, Jabalpur, M.P. & LLRUVAS, Hisar, Haryana.
- **Represented** Veterinary College, Jabalpur, M.P. in **National Republic Day Parade by Participating in Republic Day Camp-2004 (National level NCC-Camp.)** at New Delhi for 1 month: **Prime Minister Rally** and **Horse-show jumping** competitions on Republic day.
- Received 1st prize in **Chess, Inter- College tournament, JNKVV, Jabalpur.**
- Received **B & C certificate** of NCC by authority of Ministry of Defence, Government of India.
- As an active member of Cultural committee of College of Veterinary Science & Animal Husbandry, Jabalpur (M.P.) and Anjora (C.G.) participated in various cultural activities.

Computer Skills:

- **Operating Systems** : WINDOWS XP, WINDOWS 7, 8.1 & WINDOWS VISTA
- **Software** : MS WORD, MS POWER POINT, MS EXCEL
- **Internet operations**

Publications: 333

- **Research Papers** - 33 (International J. = 27)
- **Review Articles** - 99 (International J. = 95)
- **Book** - 02 (International)
- **Book Chapters** - 05
- **Monograph/Training Lecture/Radio** - 05
- **Laboratory Manual** - 04
- **Folder** - 06
- **Technical/Popular Articles** - 127
- **Papers Presented** - 49
- **NCBI GenBank Accession No.** - 03

Strengths

- *Committed to excellence*
- *Dynamic*
- *Enthusiastic*
- *Innovative thinker*
- *Hard working*

Language I do speak

1. English
2. Hindi

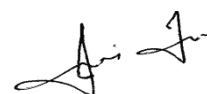
Interests

- Making researches on biological systems
- Horse riding
- Listening music
- Playing chess
- Dancing

Declaration

I hereby declare that all the above-mentioned facts and information are true to the best of my knowledge. I shall be solely responsible for any discrepancy found in them.

Date: 1st Nov, 2018
Place: Mathura (U.P.)



(RUCHI TIWARI)

ANNEXURE

(List of Publications)

Research Papers

1. **Ruchi Tiwari**, S.D. Hirpurkar and S. Shakya (2010). Isolation and Characterization of Lytic Phages from Natural Waste Material of Livestock. *Indian Vet. J.* 87 : 644 – 646
2. **Ruchi Tiwari** and S.D. Hirpurkar. (2011). Therapeutic Potential of lytic phages against chronic wound infections. *Indian Vet. J.* 88 :1375-1377.
3. **Ruchi Tiwari**, Sharad Kumar Yadav, Shanker Singh, Neeraj Kumar Gangwar. (2015). Bacterial Etiology of Skin and Wound infections along with Antibioqram profiling in reference to Emerging Antibiotic Resistance in Animals. *Advances in Animal and Veterinary Sciences* 3(5):259-268.
4. Devesh Kumar Giri, Neeraj Kumar Gangwar, **Ruchi Tiwari**, A K Mishra, Rahul Kumar. (2015). Detection of Pyogenic Escherichia coli from Multiple Hepatic Abscesses in a Muzzaffarnagari Sheep. *Journal of Immunology & Immunopathology* 17(1): 48-51.
5. Samiran Mondal, Tathagata Sengupta, Saktipada Pradhan, Rabindra Nath Hansda, Partha Sarathi Mandal, **Ruchi Tiwari**, Sunit Kumar Mukhopadhyay. (2014). Impaired Learning and Memory after a Week Long Exposure of Acetamidrid in Adult Rats. *Advances in Animal and Veterinary Sciences* 2(10):543-548.
6. R.B. Ghadage, **Ruchi Tiwari** and S. D. Hirpurkar. (2013). Ammonia accumulation in poultry houses. *Indian Vet. J.*, 90(6):108-109.
7. **Ruchi Tiwari**, S.D. Hirpurkar and K. Dhama (2012). Isolation of bacterial viruses from animal waste products and their clinical efficacy against antibiotic resistant wound infections (Hindi research article). *Krishika Research Journal* (Hindi Shodh Patrika, ICAR) Vol, 2(1): 9-15.
8. Basaraddi, M.S., Dhama, K., Wani, M.Y., Sawant, P.M., **Tiwari, R.**, Kumar, D., Singh, S.D. and Singh, R. (2013). Downregulation in cytokines profiles and immunopathological changes in chicks infected with chicken infectious anaemia virus. *African J. Microbiological Research*, 7(21): 2464-2474.
9. Latheef, S.K., Dhama, K., Wani, M.Y., Samad, H.A., Barathidasan, R., **Tiwari, R.**, Singh, S.D. and Rai, R.A. (2013). Ameliorative effects of four herbs (*Withania somnifera*, *Tinospora cordifolia*, *Azadirachta indica* and E care Se herbal) on the pathogenesis of chicken infectious anaemia virus. *Int. J. Curr. Res.*, 5(08): 2327-2331.
10. Wani, M.Y., Dhama, K., Barathidasan, R., Gowthaman, V., **Tiwari, R.**, Bhatt, P., Mahajan, N.K., Chawak, M.M., Singh, S.D. and Kataria, J.M. (2013). Molecular detection and epidemiology of chicken infectious anaemia virus in India. *South Asian J. Exp. Biology.* 3(4): 145-151.
11. Latheef, S.K., Dhama, K., Wani, M.Y., Samad, H.A., **Tiwari, R.** and Singh, S.D. (2013). Ameliorative effects of *Withania somnifera*, *Azadirachta indica*, *Tinospora cordifolia* and E care Se herbal preparations on chicken infectious anaemia virus induced haematological changes in chicks and their live body weights. *South Asian J. Exp. Biology*, 3 (4): 172-182.
12. Bhatt, P., Shukla, S.K., Wani, M.Y., **Tiwari, R.** and Dhama, K. (2013). Amelioration of chicken infectious anaemia virus induced immunosuppression by immunomodulator and haematinic supplementation in chicks. *Veterinarski Arhiv*, 83 (6), 639-652.
13. Rai, R.B., Dhama, K., Chakraborty, S., Ram, R.A., Singh, B., **Tiwari, R.**, Saminathan, M. and Damodaran, T. (2013). Comparative evaluation of crop productivity and profitability under traditional farming and integrated farming system in Northern plains of India. *South Asian J. Exp. Biology*, 3(5): 220-225.
14. Singh, B., Rai, R.B., Dhama, K., Chakraborty, S., Singh, A.K., **Tiwari, R.**, Verma, M.R., Saminathan, M. and Damodaran, T. (2013). Impact of social factors in adoption of fertisure-1: A cost effective, mineral based infertility control technology for sustainable dairy production. *South Asian J. Exp. Biology*, 3(5): 232-241.
15. Rai, R.B., Dhama, K., Singh, B., Saminathan, M., Chakraborty, S., **Tiwari, R.**, Ram, R.A. and Damodaran, T. (2013). Impact of novel low cost technological interventions on expenditure pattern of landless and sub-marginal farmers. *South Asian J. Exp. Biology*, 3(5): 261-267.
16. Barad, D.B., Chandel, B.S., Dadawala, A.I., Chauhan, H.C., Kher, H.S., Shroff, S., Bhagat, A.G., Singh, S.V., Singh, P.K., Singh, A.V., Sohal, J.S., Gupta, S., Chaubey, K.K., Chakraborty, S., **Tiwari, R.**, Deb, R. and Dhama, K. (2014). Incidence of *Mycobacterium avium subspecies paratuberculosis* in Mehsani and Surti goats of Indian origin using multiple diagnostic tests. *J. Biol. Sci.*, 14(2): 124-133.
17. Kumar, A., Singh, S.V., Srivastava, A.K., Gangwar, N.K., Singh, P.K., Gupta, S., Chaubey, K.K., **Tiwari, R.**, Chakraborty, S. and Dhama, K. (2014). Comparative evaluation of 'indigenous' and commercial vaccines in double challenge model for the control of caprine paratuberculosis in India. *J. Biol. Sci.* 14(3): 169-182.

18. Singh, S.V., Gupta, S., Chaubey, K.K., Rawat, K.D., Kumar, N., Sohal, J.S., Singh, S., **Tiwari, R.**, Chakraborty, S. and Dhama, K. (2014). Johne's disease (JD) in a high yielding Holstein Friesian cattle dairy farm in India. *J. Biol. Sci.*, 14(3): 195-203.
19. Wani, M.Y., Dhama, K., Latheef, SK, Barathidassan, R., **Tiwari, R.**, Chakraborty, S., Chawak, M.M. and Singh, S.D. (2014). Experimental pathological studies of an Indian chicken anaemia virus isolate and its detection by PCR and FAT. *Pak. J. Biol. Sci.* 17(6): 802-811.
20. Singh, S.V., Gupta S, Chaubey, KK, Kumar, N, Rawat, KD, **Tiwari, R.** and Dhama, K. (2014). Dose standardization studies of 'indigenous vaccine' for the control of *Mycobacterium avium* subspecies *paratuberculosis* in naturally infected goats. *Adv. Anim. Vet. Sci.* 2(1S): 17-22.
21. Wani, M.Y., Dhama, K., Latheef, SK, Singh, S.D. and **Tiwari R.** (2014). Correlation between cytokine profile, antibody titre and viral load during sub-clinical chicken anemia virus infection. *Veterinarni Medicina*, 59(1): 33-43.
22. Singh SV, Gupta VK, Kumar A, Gupta S, **Tiwari R**, Dhama K (2014). Therapeutic management of bovine brucellosis in endemically infected dairy cattle herd of native sahiwal breed. *Adv. Anim. Vet. Sci.*, 2(1S): 32-36.
23. Kumar, T., Singh, RV, Sharma, D., Gupta, S, Chaubey, KK, Rawat, KD, Kumar, N, Dhama, K, **Tiwari, R**, Singh, SV (2014). Status of *Mycobacterium avium* subspecies *paratuberculosis* infection in an Indian goshala housing poorly or unproductive cows suffering with clinical Bovine Johne's disease. *Adv. Anim. Vet. Sci.* 2(5): 261-263.
24. Singh SV, Agrawal ND, Kumar N, Gupta S, Chaubey KK, Rawat KD, **Tiwari R**, Sohal JS, Sachan TK, Sharma S, Dhama K (2014). Screening of human population for Type 1 Diabetes and *Mycobacterium avium* subspecies *paratuberculosis* from Chattarpur district of Madhya Pradesh. *Adv. Anim. Vet. Sci.* 2(11): 612-619.
25. Sawant PM, Dhama K, Rawool DB, Wani MY, **Tiwari R**, Singh SD and Singh RK (2015). Development of a DNA vaccine for chicken infectious anemia and its immunogenicity studies using high mobility group box 1 protein as a novel immunoadjuvant indicated induction of promising protective immune responses. *Vaccine*, 33: 333-340.
26. Wani MY, Dhama K, **Tiwari R**, Barathidasan R, Malik YS, Singh SD and Singh RK (2015). Immunosuppressive effects of chicken infectious anaemia virus on T lymphocyte populations using flow cytometry and hematological parameters during experimental subclinical infection in chicks. *Adv. Anim. Vet. Sci.*, 3(3): 143-150.
27. Garg, R., P.K. Patil, S.V. Singh, S. Sharma, Ravi Kumar Gandham, A.V. Singh, G. Folia, PK Singh, S. Jayaraman, S Gupta, KK Chaubey, **R. Tiwari**, M. Saminathan, K. Dhama and JS Sohal (2015). Comparative evaluation of different test combinations for diagnosis of *Mycobacterium avium* subspecies *paratuberculosis* infecting dairy herds in India. *BioMed Research International*, Volume 2015, Article ID 983978, 6 pages <http://dx.doi.org/10.1155/2015/983978>
28. Gopal Krishan, Shukla SK, Bhatt P, Kumar R, **Tiwari R**, Malik YS and Dhama K (2015). Immunomodulatory and therapeutic prospective of a protein supplement with vitamins and selenium (Multimune) against chicken infectious anaemia in broiler chicks. *Adv Anim Vet Sci.*, 3(3S): 1-8.
29. Yadav SK and **Tiwari R.** (2015). Bovine herpes virus-1 (BHV-1): Current scenario of South and East Asia. *J. Antivir Antiretrovir.*, 7:4.
30. **Ruchi Tiwari**, Sharad Kumar Yadav and Shanker Singh, 2016. Methicillin Resistant Staphylococcus aureus Isolated from Wounds of Livestock and Companion Animals of Uttar Pradesh India: A Preliminary Study. *International Journal of Pharmacology*, 12: 821-829.
31. Sharad Kumar Yadav and **Ruchi Tiwari**. 2016. Complex scenario of Bovine Herpes Virus-1 (BHV-1) Vaccines. *J Antivir Antiretrovir.*, 8:5(Suppl): 61.
32. **Ruchi Tiwari**, Shanker Kumar Singh, Soumen Choudhury and Satish Kumar Garg. 2017. Antifungal Activity of *Eucalyptus citriodora* and *Saraca indica* Leaves Methanolic Extracts Against Fungal Isolates From Dermatological Disorders in Canines. *Int. J. Pharmacol.*, 13(6): 643-648.
33. Alok Kumar Chaudhary, Sujeet Chaudhary, **Ruchi Tiwari**, Mukesh Shrivastva. 2017. Microbiological Investigation and Therapeutic Management of Acute Gangrenous Mastitis in a Goat. *Journal of Immunology & Immunopathology* 19(2): 70-74.

Review Articles

34. Dhama, K. Mahendran, M., **Tiwari, R.**, Singh, S.D., Kumar, D., Singh, S.V. and P.M. Sawant (2011). Tuberculosis in birds: Insights into the *Mycobacterium avium* infections. *Vet. Med. Int. Vol.* 2011, Article ID 712369, 14 pages, doi:10.4061/2011/712369.

35. K. Dhama, Vinay Verma, P.M. Sawant, **Ruchi Tiwari**, R.K. Vaid and R.S. Chauhan (2011). Applications of Probiotics in Poultry: Enhancing Immunity and Beneficial Effects on Production Performances and Health - A Review. *J. Immunol. Immunopathol.*, 13(1): 1-19.
36. **Ruchi Tiwari**, K. Dhama, M. Yaqoob Wani, Vinay Verma, R.K. Vaid and R.S. Chauhan (2011). Bacteriophage Therapy - A novel tool for combating bacterial diseases of poultry – a review. *J. Immunol. Immunopathol.*, 13(2): 55-66.
37. Mahima, Rahal, A., Deb, R., Latheef, S.K., Samad, H.A., **Tiwari, R.**, Verma, A.K., Kumar, A. and Dhama, K. (2012). Immunomodulatory and therapeutic potentials of herbal, traditional / indigenous and ethnoveterinary medicines. *Pak. J. Biol. Sci.*, 15(16): 754-774.
38. Dhama, K., Verma, A.K., Rajagunalan, S., Deb, R., Karthik, K., Kapoor, S., Mahima, **Tiwari, R.**, Panwar, P. K. and Chakraborty, S. (2012). Swine flu is back again: A review. *Pak. J. Biol. Sci.*, 15(21): 1001-1009.
39. Dhama, K., S. Chakraborty, Mahima, Wani, MY, Verma, AK, Deb, R, **Tiwari, R** and Kapoor, S (2013). Novel and emerging therapies safeguarding health of humans and their companion animals: a review. *Pak. J. Biol. Sci.*, 16(3): 101-111.
40. Singh, S.V., Dhama, K., K.K. Chaubey, Kumar, N., Singh, P.K., Sohal, J.S., Gupta S, Singh, A.V., Verma, A.K., **Tiwari, R.**, Mahima, Chakraborty, S. and Deb, R. (2013). Impact of host genetics on susceptibility and resistance to *Mycobacterium avium* subspecies *paratuberculosis* infection in domestic ruminants. *Pak. J. Biol. Res.*, 16(6): 251-266. .
41. Dhama, K., Verma, AK, Rajagunalan, S, Kumar, A, **Tiwari, R**, Chakraborty, S. and Kumar, R. (2013). *Listeria monocytogenes* infection in poultry and its public health importance with special reference to food borne zoonoses. *Pak. J. Biol. Sci.* 16(7): 301-308.
42. Deb, R., Chakraborty, S., Veeregowda, B. M., Verma, A.K., **Tiwari, R.** and Dhama, K (2013). Monoclonal antibody and its use in the diagnosis of livestock diseases. *Advances in Biosci and Biotechnology*, 4:50-62.
43. Dhama, K., Wani, MY, Deb, R., Karthik K, **Tiwari, R.**, Barathidasan, R., Kumar, A, Mahima, Verma, AK and Singh SD (2013). Plant based oral vaccines for human and animal pathogens – a new era of prophylaxis: Current and future perspectives. *J. Exp. Biol. & Agri. Sci.*, 1(1): 1-12.
44. Dhama, K., Chakraborty, S., Kapoor, S., **Tiwari, R.**, Kumar, A., Deb, R., Rajagunalan, S., Singh, R., Vora, K and Natesan, S. (2013). One world, one health - veterinary perspectives. *Adv Anim Vet Sci.*, 1(1): 5-13.
45. Dhama, K., Verma, A.K., **Tiwari, R.**, Chakraborty, S., Vora, K., Kapoor, S., Deb, R., Karthik, K., Singh, R., Munir, M., Natesan, S. (2013). A perspective on applications of geographical information system (GIS); an advanced tracking tool for disease surveillance and monitoring in veterinary epidemiology. *Adv Anim Vet Sci.*, 1(1): 14-24.
46. Mahima, Verma, A.K., **Tiwari, R.**, Karthik, K, Chakraborty, S., Deb, R. and Dhama, K. (2013). Nutraceuticals from fruits and vegetables at a glance: a review. *J. Biol. Sci.*, 13(2): 38-47.
47. Mahima, Ingle, AM, Verma, AK, **Tiwari, R**, Karthik K, Chakraborty, S., Deb, R., Rajagunalan, S, Rathore, R and Dhama K (2013). Immunomodulators in day to day life: a review. *Pak. J. Biol. Sci.*, 16(17): 826-843.
48. Deb, R., Kumar, A., Chakraborty, S., Verma, A.K., **Tiwari, R.**, Dhama, K., Singh, U. Kumar, S. (2013). Trends in diagnosis and control of bovine mastitis: A review. *Pak. J. Biol. Sci.* 16 (23), 1653-1661.
49. Singh, SV, Singh, AV, Kumar, A, Singh, PK, Deb, R., Verma, A.K., Kumar, A., **Tiwari, R.**, Chakraborty, S. and Dhama, K. (2013). Survival mechanisms of *Mycobacterium avium* Subspecies *paratuberculosis* within host species and in the environment. *Natural Science*, 5(6): 710-723.
50. Dhama, K., Chakraborty, S., Verma, A.K., **Tiwari, R.**, Barathidasan, R., Kumar, A. and Singh, S.D. 2013. Fungal/ mycotic diseases of poultry-diagnosis, treatment and control: A review. *Pak. J. Biol. Sci.*, 16(23): 1626-1640.
51. Dhama, K., Rajagunalan, S., Chakraborty, S., Verma, A.K., Kumar, A., **Tiwari, R.**, and Kapoor, S. (2013). Food-borne pathogens of animal origin-diagnosis, prevention, control and their zoonotic significance: a review. *Pak. J. Biol. Sci.* 16 (20): 1076-1085
52. Dhama, K., Chakraborty, S., **Tiwari, R.**, Kumar, A., Rahal, A., Latheef, S.K., Wani, M.Y., Kapoor, S. (2013). Avian/bird flu virus: poultry pathogen having zoonotic and pandemic threats – a review. *J. Medical Sciences*, 13(5):301-315.
53. Kumar, A., Rahal, A., Chakraborty, S., **Tiwari, R.**, Latheef, S.K. and Dhama, K. (2013). *Ocimum sanctum* (Tulsi): a miracle herb and boon to medical science - A Review. *Int. J. of Agronomy and Plant Production.* 4 (7): 1580-1589.

54. Rahal, A., Kumar, A., Chakraborty, S., **Tiwari, R.**, Latheef, S.K. and Dhama, K. (2013). Cimicifuga: A revisiting indigenous herb with multi-utility benefits for safeguarding human health – A Review. *Int. J. of Agronomy and Plant Production Production*. 4 (7): 1590-1601.
55. Dhama, K., Latheef, S.K., Samad, H.A., Chakraborty, S., **Tiwari, R.**, Kumar, A. and Rahal, A. (2013). Tumor necrosis factor as mediator of inflammatory diseases and its therapeutic targeting: A Review. *J. Medical Sciences*. 13 (4): 226-235.
56. Dhama, K., Chakraborty, S. and **Tiwari, R.** (2013). Panchgavya therapy (Cowpathy) in safeguarding health of animals and humans – A review. *Res. Opin. Anim. Vet. Sci.*, 3(6): 170-178.
57. Dhama, K., Chakraborty, S., **Tiwari, R.** and Singh, S.D. (2013). Avian chlamydiosis (psittacosis / ornithosis): diagnosis, prevention and control, and its zoonotic concerns. *Res. Opin. Anim. Vet. Sci.*, 3(6): 157-169
58. Dhama, K., Chakraborty, S., R. Barathidasan, **Tiwari, R.**, S. Rajagunalan and Singh, S.D. (2013). *Escherichia coli*, an economically important avian pathogen, its disease manifestations, diagnosis and control, and public health significance: a review. *Res. Opin. Anim. Vet. Sci.*, 3(6): 179-194.
59. Dhama, K., Chakraborty, S., Wani, M.Y., **Tiwari, R.** and Barathidasan, R. (2013). Cytokine therapy for combating animal and human diseases – A review. *Res. Opin. Anim. Vet. Sci.*, 3(7): 195-208.
60. **Tiwari, R.**, Chakraborty, S. and Dhama, K. (2013). Miracle of herbs in antibiotic resistant wounds and skin infections: treasure of nature – a review/ perspective. *Pharma Sci. Monitor*. 4(4): 214-248.
61. **Tiwari, R.**, Chakraborty, S., Dhama, K., Rajagunalan, S., Singh, S.V. (2013). Antibiotic resistance - an emerging health problem: causes, worries, challenges and solutions – a review. *Int. J. Curr. Res.*, 5(07):1880-1892.
62. Dhama, K., Karthik K, Chakraborty, S., **Tiwari, R.** and Kapoor, S. (2013). Wildlife: a hidden warehouse of zoonosis – a review. *Int. J. Curr. Res.*, 5(07): 1866-1879.
63. Dhama, K., Mani, S., Chakraborty, S., **Tiwari, R.**, Kumar, A., Selvaraj, P. and Rai, R.B. (2013). Herbal remedies to combat cancers in humans and animals – a review. *Int. J. Curr. Res.*, 5(07): 1908-1919.
64. Dhama, K., **Tiwari, R.**, Chakraborty, S., Kumar, A., Karikalan M, Singh, R. and Rai, R.B. (2013). Global warming and emerging infectious diseases of animals and humans: current scenario, challenges, solutions and future perspectives – a review. *Int. J. Curr. Res.*, 5(07): 1942-1958.
65. Amarpal, Dhama, K., Chakraborty, S., **Tiwari, R.** and Natesan, S. (2013). Stem cells and their clinical/therapeutic applications in biomedical and veterinary science – The perspectives. *Res. Opin. Anim. Vet. Sci.*, 3(9): 261-279.
66. Saminathan, M. RB Rai, K. Dhama, **R. Tiwari**, S. Chakraborty, Amarpal, GJ Ranganath and K. Kannan (2013). Systematic review on anticancer potential and other health beneficial pharmacological activities of novel medicinal plant *Morinda citrifolia* (Noni). *Int. J. Pharmacology*, 9(8): 462-492.
67. Rahal, A., Kumar, A., Singh, V., Yadav, B., **Tiwari, R.**, Chakraborty, S. and Dhama, K. (2014). Oxidative stress, prooxidants and antioxidants: the interplay. *BioMed Res. Int.* Volume 2014, Article ID 761264, 19 pages. <http://dx.doi.org/10.1155/2014/761264>.
68. Dhama, K., Karthik K, Chakraborty, S., **Tiwari, R.**, Kapoor, S., Kumar, A. and Thomas, P. (2014). Loop-mediated isothermal amplification of DNA (LAMP) – a new diagnostic tool lights the world of diagnosis of Animal and Human Pathogens: A review. *Pak. J. Biol. Sci.* 17(2): 151-166.
69. **Tiwari, R.**, Dhama, K., Chakraborty, S., Kumar, A., Rahal, A. and Kapoor, S. (2014). Bacteriophage therapy for safeguarding animal and human health: A review. *Pak. J. Biol. Sci.* 17(3): 301-315.
70. **Tiwari, R.**, Chakraborty, S., Dhama, K., Wani, M.Y., Kumar, A. and Kapoor, S. (2014). Wonder world of phages: potential biocontrol agents safeguarding biosphere and health of animals and humans - current scenario and perspectives. *Pak. J. Biol. Sci.*, 17(3): 316-328.
71. Deb, R., Chakraborty, S., Mahima, Verma, A.K., **Tiwari, R.** and Dhama, K. (2014). Nutrigenomics and its role in male puberty of cattle - a mini review. *Pak. J. Biol. Sci.*, 17(3): 329-334.
72. Verma, A.K., Saminathan, M., Neha, **Tiwari, R.**, Dhama, K. and Singh, S.V. (2014). Glanders-A re-emerging zoonotic disease: a review. *J. Biol. Sci.*, 14(1): 38-51.
73. Rahal, A., Mahima, Verma, A.K., Kumar, A., **Tiwari, R.**, Kapoor, S., Chakraborty, S. and Dhama, K. (2014). Phytonutrients and nutraceuticals in vegetables and their multi-dimensional medicinal and health benefits for humans and their companion animals: A review. *J. Biol. Sci.*, 14(1): 1-19.
74. Dhama, K., Kapoor, S., Pawaiya, R.V.S., Chakraborty, S., **Tiwari, R.** and Verma A.K. (2014). Ross River Virus (RRV) infection in horses and humans: A review. *Pak. J. Biol. Sci.*, 17(6): 768-779.
75. Dhama, K., Singh, S.D., Barathidasan, R., Desingu, P.A., Chakraborty, S., **Tiwari, R.** and Asok Kumar M (2014). Emergence of avian infectious bronchitis virus and its variants need better diagnosis, prevention and control strategies: A global perspective. *Pak. J. Biol. Sci.*, 17(6): 751-767.

76. Verma, A.K., Dhama, K., Chakraborty, S., Kumar, A., **Tiwari, R.**, Rahal, A., Mahima and Singh, S.V. (2014). Strategies for combating and eradicating important infectious diseases of animals with particular reference to India: present and future perspectives. *Asian J. Anim. Vet. Adv.*, 9(2): 77-106.
77. Dhama, K., Chakraborty S., Pawaiya, R.V.S., **Tiwari, R.** and S. Kapoor (2014). Foamy viruses affecting animals and humans and their public health concerns: A review. *Asian J Anim Vet Adv.*, 9(2): 107-122.
78. Dhama, K., Pawaiya, R.V.S., Karthik, K., Chakraborty, S., **Tiwari, R.** and Verma, A.K. (2014). Equine encephalosis virus (EEV): a review. *Asian J Anim Vet Adv.* 9(2): 123-133.
79. **Tiwari, R.**, Chakraborty, S., Saminathan, M., Dhama, K. and Singh, S.V. (2014). Ashwagandha (*Withania somnifera*): Role in safeguarding health, immunomodulatory effects, combating infections and therapeutic applications: A review. *J. Biol. Sci.*, 14(2): 77-94.
80. Singh, A.K., Verma, A.K., Neha, **Tiwari, R.**, Karthik, K., Dhama, K., Singh, S.V. (2014). Trends and advances in vaccines against protozoan parasites of veterinary importance: A review. *J. Biol. Sci.*, 14(2):95-109.
81. Chakraborty, S., Kumar, N., Dhama, K., Verma, A.K., **Tiwari, R.**, Kumar, A., Kapoor, S. and Singh, S.V. (2014). Foot-and-mouth disease, an economically important disease of animals. *Adv. Anim. Vet. Sci.* 2(2S): 1-18.
82. **Tiwari, R.**, Verma, A.K., Chakraborty, S., Dhama K and Singh SV (2014). Neem (*Azadirachta indica*) and its potential for safeguarding health of animals and humans: A review. *J. Biol. Sci.*, 14(2): 110-123.
83. Singh, SV, Sohal, JS, Kumar, N., Gupta, S, Chaubey, KK, Rawat, KD, Chakraborty, S, **Tiwari, R.** and Dhama, K. (2014). Recent approaches in diagnosis and control of mycobacterial infections with special reference to *Mycobacterium avium* subspecies *paratuberculosis*. *Adv. Anim. Vet. Sci.* 2(1S): 1-11.
84. Chakraborty, S., Veeregowda, B., Gowda L., Sannegowda SN, **Tiwari R.**, Dhama K and Singh SV (2014). Biomedical Waste Management. *Adv. Anim. Vet. Sci.* 2(2): 67-72.
85. **Tiwari, R.**, Dhama, K., Chakraborty, S. and Kapoor, S. (2014). Enzybiotics: new weapon in the army of antimicrobials: a review. *Asian J Anim Vet Adv.* 9(3): 144-163.
86. Dhama, K., Pawaiya, R.V.S., Chakraborty, S., **Tiwari, R.**, Saminathan, M., Verma AK (2014). Coronavirus infection in equines: A review. *Asian J Anim Vet Adv.* 9(3): 164-176.
87. Dhama, K., Pawaiya, R.V.S., Chakraborty, S., **Tiwari, R.** and Verma, A.K. (2014). Powassan virus (POWV) infection in animals and humans: a review. *Asian J Anim Vet Adv.* 9(3): 177-189.
88. Dhama, K., Pawaiya, R.V.S., Chakraborty, S., **Tiwari, R.** and Verma, A.K. (2014). Toroviruses affecting animals and humans: A review. *Asian J Anim Vet Adv.* 9(3): 190-201.
89. Dhama, K., R.P. Singh, K. Karthik, S. Chakraborty, **R. Tiwari**, M.Y Wani and J. Mohan (2014). Artificial insemination in poultry and possible transmission of infectious pathogens: A review. *Asian J Anim Vet Adv.*, 9(4): 211-228.
90. Rai, R.B., K. Dhama, S. Chakraborty, A.K. Verma, M. Saminathan, **R. Tiwari** and T. Damodaran (2014). A concept of novel technological approaches for livelihood security and poverty alleviation for poor farmers: a review. *Res. Opin. Anim. Vet. Sci.* 4(7): 371-381.
91. Dhama, K., Chakraborty, S., **Tiwari, R.**, Verma, A.K., Saminathan, M., Amarpal, Yashpal S Malik, Zahra Nikousefat, Moosa Javdani, Khan, R.U. (2014). A concept paper on novel technologies boosting production and safeguarding health of humans and animals. *Res. Opin. Anim. Vet. Sci.* 4(7): 353-370.
92. Chakraborty S, Kumar A, **Tiwari R.**, Anu Rahal, YS Malik, Dhama K, Amarpal and Prasad M (2014). Advances in Diagnosis of respiratory diseases of small ruminants. *Veterinary Medicine International.* vol. 2014, Article ID 508304, 16 pages, 2014. doi:10.1155/2014/508304.
93. Verma, A.K., **Tiwari R.**, Chakraborty S, Neha, Saminathan M, Dhama K and Singh SV (2014). Insights into Bovine Tuberculosis (bTB), Various Approaches for its Diagnosis, Control and its Public Health Concerns: An Update. *Asian J Anim Vet Adv.*, 9(6): 323-344.
94. Dhama, K., **Tiwari, R.**, Chakraborty, S., Saminathan, M., Kumar, A., Karthik, K., Wani, MY, Amarpal, Singh, SV and Rahal, A (2014). Evidence based antibacterial potentials of medicinal plants and herbs countering bacterial pathogens especially in the era of emerging drug resistance: An integrated update. *Int. J. Pharmacology*, 10(1): 1-43.
95. Dhama, K., **Tiwari, R.**, Khan, RU, Chakraborty, S., Gopi, M, Karthik, K., Saminathan, M, Desingu PA and Sunkara, LT (2014). Growth promoters and novel feed additives improving poultry production and health, bioactive principles and beneficial applications: The trends and advances- A Review. *Int. J. Pharmacology* 10(3): 129-159.
96. **Tiwari, R.** and Dhama, K. (2014). Antibiotic resistance: A frightening health dilemma. *American Journal of Pharmacology and Toxicology*, 9(3): 174-176.

97. Khan, R.U., Naz, S., Dhama, K., Mani Saminathan, **Tiwari, R.**, Jeon, G.J., Laudadio, V. and Tufarelli, V. (2014). Modes of action and beneficial applications of chromium in poultry nutrition, production and health: A review. *Int J Pharmacology*. 10(7): 357-367.
98. Khurana SK, Dhama K, Prasad M, Karthik K, **Tiwari R** (2015). Zoonotic pathogens transmitted from equines: diagnosis and control. *Adv Anim Vet Sci.*, 3(2s): 32-53.
99. Alagawany M, Farag MR, Dhama, K., Mohamed E. Abd El-Hack, **Ruchi Tiwari** and Gazi Mahabubul Alam (2015). Mechanisms and beneficial applications of resveratrol as feed additive in animal and poultry nutrition: A review. *Int J Pharmacology*, 11(3): 213-221.
100. Dhama, K., Latheef S.K. Saminathan Mani, Samad, H.A., Karthik K, **Tiwari, R.**, Khan, R.U., Alagawany, M., Farag, M.R., Gazi Mahabubul Alam, Laudadio, V. and Tufarelli, V. (2015). Multiple beneficial applications and modes of action of herbs in poultry health and production – A review. *Int. J. Pharmacol.* 11(3): 152-176.
101. Laudadio V., Lorusso, V., Lastella, N.M.B., Dhama, K., Karthik, K., **Tiwari, R.**, Gazi Mahabubul Alam and Tufarelli, V. (2015). Enhancement of nutraceutical value of table eggs through poultry feeding strategies. *Int. J. Pharmacology*, 11(3): 201-212.
102. Dhama, K., M. Kesavan, K. Karthik, Amarpal, **R. Tiwari**, Lakshmi T Sunkara and R.K. Singh (2015). Neuroimmunomodulation countering various diseases, disorders, infections, stress and aging. *Int. J. Pharmacol.*, 11(2): 76-94.
103. **Tiwari R**, Karthik K, Dhama K, Shabbir MZ, Khurana SK (2015). Rhinosporidiosis: A Riddled Disease of Man and Animals. *Adv Anim Vet Sci.*, 3(2s): 54-63.
104. Dhama K, Mani Saminathan, Siju Susan Jacob, Mithilesh Singh, K Karthik, Amarpal, **Ruchi Tiwari**, Lakshmi Tulasi Sunkara, Yashpal Singh Malik and Raj Kumar Singh (2015). Effect of immunomodulation and immunomodulatory agents on health with some bioactive principles, modes of action and potent biomedical applications. *Int. J. Pharmacol.* 11(4): 253-290.
105. K Dhama, SK Khurana, K Karthik, **R Tiwari**, YPS Malik and RS Chauhan. (2014). Panchgavya: Immune-enhancing and Therapeutic Perspectives. *Journal of Immunology and Immunopathology*. 16(1&2): 1-11.
106. Mohamed Ezzat Abd El-Hack, Mahmoud Alagawany, Mayada Ragab Farag, **Ruchi Tiwari**, Kumaragurubaran Karthik, Kuldeep Dhama, Jalil Zorriehzahra and Milad Adel. (2016). Beneficial impacts of thymol essential oil on health and production of Animals, fish and poultry: A review. *Journal of Essential Oil Research*. 28(5):365-382.
107. Mohammad Jalil Zorriehzahra, **Ruchi Tiwari**, Swati Sachan, Kumaragurubaran Karthik, Yashpal Singh Malik, Maryam Dadar, Muhammad Sarwar, Maryam Sayab and Kuldeep Dhama, 2016. Avian Egg Yolk Antibodies (IgY) and their Potential Therapeutic Applications for Countering Infectious Diseases of Fish and Aquatic Animals. *International Journal of Pharmacology*, 12: 760-768.
108. **Ruchi Tiwari**, Kumaragurubaran Karthik, Rajneesh Rana, Yashpal Singh Malik, Kuldeep Dhama and Sunil Kumar Joshi. (2016). Quorum Sensing Inhibitors / Antagonists Countering Food Spoilage Bacteria – Need Molecular and Pharmaceutical Intervention for Protecting Current Issues of Food Safety. *Int. J. Pharmacol.* 12(3): 262-271.
109. Rifat Ullah Khan, Shabana Naz, Kuldeep Dhama, K. Karthik, **Ruchi Tiwari**, Mutassim M. Abdelrahman, Ibrahim A. Alhidary and Arshad Zahoor, 2016. Direct-Fed Microbial: Beneficial Applications, Modes of Action and Prospects as a Safe Tool for Enhancing Ruminant Production and Safeguarding Health. *International Journal of Pharmacology*, 12: 220-231.
110. Zorriehzahra MJ, Delshad ST, Adel M, Tiwari R, Karthik K, Dhama K, Lazado CC. 2016. Probiotics as beneficial microbes in aquaculture: an update on their multiple modes of action: a review. *Vet Q*. 36(4):228-241.
111. Mahmoud Alagawany, Mohamed Ezzat Abd El-Hack, Mayada Ragab Farag, Ruchi Tiwari, Swati Sachan, Kumaragurubaran Karthik and Kuldeep Dhama, 2016. Positive and Negative Impacts of Dietary Protein Levels in Laying Hens. *Asian Journal of Animal Sciences*, 10(2): 165-174.
112. Singh RK, Dhama K, Malik YS, Ramakrishnan MA, Karthik K, **Tiwari R**, Saurabh S, Sachan S, Joshi SK. 2016. Zika virus - emergence, evolution, pathology, diagnosis, and control: current global scenario and future perspectives - a comprehensive review. *Vet Q*. 36(3):150-75.
113. Kuldeep Dhama, Vasudevan Gowthaman, Kumaragurubaran Karthik, **Ruchi Tiwari**, Swati Sachan, M. Asok Kumar, M. Palanivelu, Yashpal Singh Malik, Raj Kumar Singh & Muhammad Munir (2017) Haemorrhagic enteritis of turkeys – current knowledge, *Veterinary Quarterly*, 37:1, 31-42.
114. Dhama K, Kumar N, Saminathan M, **Tiwari R**, Karthik K, Kumar MA, Palanivelu M, Shabbir MZ, Malik YS, Singh RK. 2017. Duck virus enteritis (duck plague) - a comprehensive update. *Vet Q*. 37(1):57-80.
115. Singh RK, Dhama K, Malik YS, Ramakrishnan MA, Karthik K, Khandia R, **Tiwari R**, Munjal A, Saminathan M, Sachan S, Desingu PA, Kattoor JJ, Iqbal HM, Joshi SK. 2017. Ebola virus - epidemiology,

diagnosis, and control: threat to humans, lessons learnt, and preparedness plans - an update on its 40 year's journey. *Vet Q.* 37(1):98-135.

116. Dhama K, Sachan S, Khandia R, Munjal A, Iqbal HM, Latheef SK, Karthik K, Samad HA, **Tiwari R**, Dadar M. 2017. Medicinal and Beneficial Health Applications of *Tinospora cordifolia* (Guduchi): A Miraculous Herb Countering Various Diseases/Disorders and its Immunomodulatory Effects. *Recent Pat Endocr Metab Immune Drug Discov.* 2017 Feb 28. doi: 10.2174/1872214811666170301105101. [Epub ahead of print].
117. Ashok Munjal, Rekha Khandia, **Ruchi Tiwari**, Sandip Chakraborty, Kumaragurubaran Karthik, Kuldeep Dhama. 2017. Advances in Designing and Developing Vaccines Against Zika Virus. *International Journal of Pharmacology.* 13(7): 667-676.
118. Muhammad Saeed, Mohamed Ezzat Abd El-Hack, Mahmoud Alagawany, Muhammad Naveed, Muhammad Asif Arain, Muhammad Arif, Rab Nawaz Soomro, MohibUllah Kakar, Robina Manzoor, **Ruchi Tiwari**, Rekha Khandia, Ashok Munjal, Kumaragurubaran Karthik, Kuldeep Dhama, Hafiz Muhammad Nasir Iqbal, Chao Sun. 2017. Phytochemistry, Modes of Action and Beneficial Health Applications of Green Tea (*Camellia sinensis*) in Humans and Animals. *International Journal of Pharmacology.* 13(7): 698-708.
119. Maryam Dadar, Kuldeep Dhama, Vikram N Vakharia, Seyed Hossein Hoseinifar, Kumaragurubaran Karthik, **Ruchi Tiwari**, Rekha Khandia, Ashok Munjal, Celene Salgado-Miranda, Sunil K Joshi. 2017. Advances in Aquaculture Vaccines against Fish Pathogens: Global Status and Current Trends. *Reviews in Fisheries Science & Aquaculture.* 25(3): 184-217.
120. Sandip Chakraborty, Shyma K Latheef, Ashok Munjal, **Ruchi Tiwari**, Hari Abdul Samad, Kumaragurubaran Karthik, Rekha Khandia, Kuldeep Dhama. 2017. Cytotoxic T Cells and Cancer Therapy. *Journal of Experimental Biology.* Vol.5:4.
121. Ashok Munjal, Rekha Khandia, Kuldeep Dhama, Swati Sachan, Kumaragurubaran Karthik, **Ruchi Tiwari**, Yashpal S Malik, Deepak Kumar, Raj K Singh, Hafiz Iqbal, Sunil K Joshi. 2017. Advances in developing therapies to combat Zika virus: current knowledge and future perspectives. *Frontiers in Microbiology.* Vol.8:1469.
122. Muhammad Saeed, Muhammad Naveed, Muhammad Arif, Mohib Ullah Kakar, Robina Manzoor, Mohamed Ezzat Abd El-Hack, Mahmoud Alagawany, **Ruchi Tiwari**, Rekha Khandia, Ashok Munjal, Kumaragurubaran Karthik, Kuldeep Dhama, Hafiz MN Iqbal, Maryam Dadar, Chao Sun. 2017. Green tea (*Camellia sinensis*) and l-theanine: Medicinal values and beneficial applications in humans—A comprehensive review. *Biomedicine & Pharmacotherapy,* 95: 1260-1275.
123. Raj Kumar Singh, Kuldeep Dhama, Rekha Khandia, Ashok Munjal, Kumaragurubaran Karthik, **Ruchi Tiwari**, Sandip Chakraborty, Yashpal S. Malik, Rubén Bueno-Mari. (2018). Prevention and Control Strategies to Counter Zika Virus, a Special Focus on Intervention Approaches against Vector Mosquitoes - Current Updates. *Frontiers in Microbiology.* 2018 Feb 8;9:87.
124. Mohd. Iqbal Yattoo, Arumugam Gopalakrishnan, Archana Saxena, Oveas Rafiq Parray, Noore Alam Tufani, Sandip Chakraborty, **Ruchi Tiwari**, Kuldeep Dhama and Hafiz Iqbal. Anti-Inflammatory Drugs and Herbs with Special Emphasis on Herbal Medicines for Countering Inflammatory Diseases and Disorders – A Review. *Recent Patents on Inflammation & Allergy Drug Discovery.* 2018;12(1):39-58. DOI: 10.2174/1872213X12666180115153635.
125. Raj Kumar Singh, Kuldeep Dhama, Kumaragurubaran Karthik, **Ruchi Tiwari**, Rekha Khandia, Ashok Munjal, Hafiz M. N. Iqbal, Yashpal S. Malik, Rubén Bueno-Marí. (2018). Advances in Diagnosis, Surveillance, and Monitoring of Zika Virus: An Update", DOI: 10.3389/fmicb.2017.02677. *Front Microbiol.* 2018 Jan 19;8:2677. doi: 10.3389/fmicb.2017.02677. eCollection 2017. Review.
126. **Ruchi Tiwari**, Shyma K Latheef, Ishtiaq Ahmed, Hafiz M. N. Iqbal, Mohammed Hussien Bule, Kuldeep Dhama, Hari Abdul Samad, Kumaragurubaran Karthik, Mahmoud Alagawany, Mohamed Ezzat Abd El-Hack, Mohd. Iqbal Yattoo, Mayada Ragab Farag. (2018). Herbal Immunomodulators -A Remedial Panacea for Designing and Developing Effective Drugs and Medicines: Current Scenario and Future Prospects. *Current Drug Metabolism. Curr Drug Metab.* 2018;19(3):264-301. doi: 10.2174/1389200219666180129125436. Review.
127. Kuldeep Dhama, Kumaragurubaran Karthik, Rekha Khandia, Ashok Munjal, **Ruchi Tiwari**, Rajneesh Rana, Sandip Kumar Khurana, Sana Ullah, Rifat Ullah Khan, Mahmoud Alagawany, Mayada Ragab Farag, Maryam Dadar and Sunil Kumar Joshi. (2018). Medicinal and Therapeutic Potential of Herbs and Plant Metabolites / Extracts Countering Viral Pathogens – Current Knowledge and Future Prospects. *Current Drug Metabolism. Curr Drug Metab.* 2018;19(3):236-263. doi: 10.2174/1389200219666180129145252. Review.

128. Dadar M, Chakraborty S, Dhama K, Prasad, M, Khandia R, Hassan S, Munjal, A, **Tiwari R**, Karthik K, Kumar D, Iqbal HMN, Chaicumpa W (2018). Advances in designing and developing vaccines, drugs and therapeutic approaches to counter human papilloma virus. *Front. Immunol.* doi: 10.3389/fimmu.2018.02478.
129. Khandia R, Munjal A, Dhama K, Karthik K, **Tiwari R**, Malik YS, Singh RK, Chaicumpa W. Modulation of Dengue/Zika Virus Pathogenicity by Antibody-Dependent Enhancement and Strategies to Protect Against Enhancement in Zika Virus Infection. *Front Immunol.* 2018 Apr 23;9:597. doi: 10.3389/fimmu.2018.00597. eCollection 2018. Review.
130. Saeed M, Naveed M, BiBi J, Kamboh AA, Arain MA, Shah QA, Alagawany M, El-Hack MEA, Abdel-Latif MA, Yatoo MI, **Tiwari R**, Chakraborty S, Dhama K. The Promising Pharmacological Effects and Therapeutic/Medicinal Applications of Punica Granatum L. (Pomegranate) as a Functional Food in Humans and Animals. *Recent Pat Inflamm Allergy Drug Discov.* 2018;12(1):24-38. doi: 10.2174/1872213X12666180221154713.
131. Ullah S, Zuberi A, Alagawany M, Farag MR, Dadar M, Karthik K, **Tiwari R**, Dhama K, Iqbal HMN. Cypermethrin induced toxicities in fish and adverse health outcomes: Its prevention and control measure adaptation. *J Environ Manage.* 2018 Jan 15;206:863-871. doi: 10.1016/j.jenvman.2017.11.076. Epub 2017 Dec 1. Review.
132. Dadar M, **Tiwari R**, Karthik K, Chakraborty S, Shahali Y, Dhama K. *Candida albicans* - Biology, molecular characterization, pathogenicity, and advances in diagnosis and control - An update. *Microb Pathog.* 2018 Apr;117:128-138. doi: 10.1016/j.micpath.2018.02.028. Epub 2018 Feb 16. Review.

Book/E-Book cum Compendium (International)

133. **Ruchi Tiwari**, Sadanand Devidas Hirpurkar and Kuldeep Dhama (2012). Therapeutic Potential of Bacteriophages against Pathogenic Bacteria. LAP LAMBERT Academic Publishing, AV Akademikerverlag GmbH & Co. KG, Germany, pp: 1-108.
134. Dhama, K., Malik, Y.S., Munir, M., Karthik, K., **Tiwari, R.** and Joshi, S.K. (eds). 2016. Advances in Animal Sciences and Biomedicine in 21st Century. International Academy of Biosciences (IAB), p. 210.

Book Chapters

135. K. Dhama, **R. Tiwari**, M. Yaqoob Wani and S. Natesan (2014). Bacterial Zoonoses Associated with Poultry. *In* : Book - Zoonoses Bacterial Diseases - by Prof. SR Garg, Daya Publishing House, Astral International Pvt. Ltd. New Delhi. Pp: 417-435. ISBN No. 9789351242703.
136. K. Dhama, M. Yaqoob Wani, **R. Tiwari** and Senthilkumar N. (2014). Erysipeloid. *In* : Book - Zoonoses Bacterial Diseases - by Prof. SR Garg, Daya Publishing House, Astral International Pvt. Ltd. New Delhi. Pp: 264-280. ISBN No. 9789351242703.
137. K. Dhama, P.M. Sawant, **R. Tiwari** and Senthilkumar N. (2014). Lyme Disease. *In* : Book - Zoonoses Bacterial Diseases - by Prof. SR Garg, Daya Publishing House, Astral International Pvt. Ltd. New Delhi. Pp: 335-353. ISBN No. 9789351242703.
138. K. Dhama, S. Rajagunalan, **R. Tiwari** and S. Kapoor (2014). Campylobacteriosis. *In* : Book - Zoonoses Bacterial Diseases- by Prof. SR Garg, Daya Publishing House, Astral International Pvt. Ltd. New Delhi. Pp: 187-209. ISBN No. 9789351242703.
139. Rekha Khandia, Swati Sachan, Ashok K. Munjal, **Ruchi Tiwari** and Kuldeep Dhama. 2015. Tumor Homing Peptides: Promising Futuristic Hope for Cancer Therapy. *Topics in Anti-Cancer Research*, 5: 43-86.

MONOGRAPH

140. Mithilesh Singh, R.B. Rai, K. Dhama, Mani Saminathan, Ruchi Tiwari, S. Chakraborty, T. Damodaran, YPS Malik and Balbir Singh. 2013. Bovine Mastitis: The Disease, Dignosis, Prevention, Treatment and Control. NAIP-3 Project, IVRI Izatnagar, Bareilly-243122. Pp:1-44.

LECTURES IN TRAINING/RADIO TALK

141. रूचि तिवारी एवं शरद कुमार यादव. (2015). गाय तथा भैंसों में स्वास्थ्य रक्षा हेतु टीकाकरण Training under Kamdhenu scheme, DUVASU, 25th Feb, 2015.
142. रूचि तिवारी एवं शरद कुमार यादव. (2015). गाय तथा भैंसों में स्वास्थ्य रक्षा हेतु टीकाकरण Training under Kamdhenu scheme, DUVASU, 5th March, 2015.

143. **Tiwari R.** 2015. Strategies to eradicate diseases of animal with special reference to India. Model Training Course on “Effects of Climate change on productive and reproductive performance of dairy cattle” at DUVASU, Mathura on 28th October – 4th November 2015, pp: 196-202.
144. रुचि तिवारी, 2018. वार्ता-दुधारू पशु से अधिकतम लाभ कैसे प्राप्त करें ? (किसानवाणी, रिकार्ड 21.12.2017 समय 3.00 बजे).

LABORATORY MANUAL

145. VMC-211
146. VMC-221
147. VMC-321
148. BT-104

FOLDERS

- 149^प **Ruchi Tiwari**, Vandana Rai and Amit Kumar. (2013). पशुओं में जीवाणुजनित महत्वपूर्ण रोग और उनकी रोकथाम व नियंत्रण. Extension office, DUVASU Publication No. 84. 1-8.
- 150^प अमित कुमार, रुचि तिवारी एवं शरद कुमार यादव. 2014. पशुओं में प्रमुख संक्रामक रोग एवं टीकाकरण द्वारा उनकी रोकथाम.
- 151^प अमित कुमार, रुचि तिवारी एवं शरद कुमार यादव. 2014. थनैला रोग-एक परिचय.
- 152^प अमित कुमार, रुचि तिवारी एवं शरद कुमार यादव. 2014. खुरपका मुहँपका रोग- एक परिचय.
- 153^प अमित कुमार, रुचि तिवारी एवं शरद कुमार यादव. 2014. मुर्गियों के विषाणु जनित रोग- एक परिचय.
- 154^प अंबिका शर्मा, रुचि तिवारी एवं अरविंद कुमार त्रिपाठी. 2015. पशुओं में डगनाला रोग Extension office, DUVASU Publication.

Papers Presented in National/ International Conferences / Symposia/Seminars

Lead Papers

155. K. Dhama, **R. Tiwari**, R. Barathidasan and S.D. Singh (2012). Novel immunomodulatory and therapeutic approaches for combating viral diseases of poultry: the perspectives. Guest Lecture / Lead Paper Presented in XXI National conference of Indian Virological Society (VIROCON – 2012) “Immunobiology and Management of Viral Diseases in 21st Century” held on 8-10 November 2012, IVRI Mukteswar Campus, Nainital - 263138, Uttarakhand, Souvenir, pp: 146-155.
156. K. Dhama, M.Y. Wani and **R. Tiwari** (2012). Surveillance/networking, prevention and control strategies for zoonotic avian pathogens in context to one health concept with particular reference to south-asia. Lead Paper Presented in International Symposium on One Health: Way Forward to Challenges in Food Safety and Zoonoses in 21st Century and XIth Annual Conference of Indian Association of Veterinary Public Health Specialists (IAVPHS), held on Dec. 13-14, 2012 at Scholl of Public Health and Zoonoses, Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana, Punjab, India.
157. S. V. Singh, N. Kumar, J. S. Sohal, K. Dhama, **R. Tiwari**, V.K. Gupta, K. Gururaj, K. Aseri, S. Gupta, K. K. Chaubey and Raj Narayan Trivedi (2013). Past, present and future of veterinary vaccines in India. XX Annual Convention and National Symposium of ISVIB on “Emerging Challenges & Opportunities in Veterinary Immunology & Biotechnology for Improved Animal Health & Productivity.” On Nov. 11th-13th, 2013 at CSKHPKV, Palampur.
158. S.V. Singh, N. Kumar, S. Gupta, K.K. Chaubey, J.S. Sohal, K.D. Rawat, **R. Tiwari** and K. Dhama. (2013). Roadmap for the diagnosis and control of John’s disease in India and its public health significance. XVII Annual Convention and National Symposium of IAVMI on “Productivity enhancement through improved animal health and nutrition”. On Dec.13th -15th, 2013 at Lucknow. UP. India. Pp: 46-47.
159. S. D. Hirpurkar, **Ruchi Tiwari** and Govina Dewangan. (2014). Bacteriophage Therapy as An Emerging Alternate Therapy. XXVIII Annual Convention of IAVMI & **International Conference** on “Challenges and Opportunities in Animal Health at the Face of Globalization and Climate Change” at DUVASU, Mathura on Oct 30th-1st Nov. 2014, pp: 90-94.

Abstracts

160. **Ruchi Tiwari**, Ghadage R.B. and S.D.Hirpurkar (2008). “Microbial role in aggravating wet litter conditions and increased ammonia accumulation in poultry houses” IX National Technical Seminar on “Role of Women Veterinarians in Augment Rural Economy through Animal Husbandry” 24-25 Jan. 2008, Veterinary College, KVAFSU, Hebbal, Bangalore, pp: 60.
161. K. Thakur, P. Vishwakarma, P. Negi, **R. Tiwari**, K. Kshatriya and P. Jain. Canine Hypothyroidism. V Convention of SAARC Congress and Indian Society for advancement of canine practice on “Changing Horizons in Companion Animal Health Care-Evolving Strategies with Global Perspective” 7-9 Feb, 2008, Chennai, Tamilnadu. pp: 115.
162. J.P., Lakher, **R., Tiwari**, P. Negi, K. Thakur, K. Kshatriya and P. Jain. Contraception in Bitches. Convention of SAARC Congress and Indian Society for advancement of canine practice on “Changing Horizons in Companion Animal Health Care-Evolving Strategies with Global Perspective” 7-9 Feb, 2008, Chennai, Tamilnadu. pp: 149.
163. **Ruchi Tiwari**, S. D. Hirpurkar, R.K.Gupta, D. Gupta and S. Shakya. “Therapeutic Potential of Lytic Phages Against Antibiotic Resistant Infections” X National Seminar on “Contribution of Women Veterinarians in Upliftment of Livestock Production Through New Technologies” 29-31 Jan. 2009, Veterinary College, JNKVV, Jabalpur, M.P. pp: 77.
164. **Ruchi Tiwari**, S.D. Hirpurkar and S. Shakya. “Isolation and Characterization of Lytic Phages from Natural Waste Material of Livestock”. X National Seminar on “Contribution of Women Veterinarians in Upliftment of Livestock Production Through New Technologies” 29-31 Jan. 2009, Veterinary College, JNKVV, Jabalpur, M.P. pp: 88.
165. **Ruchi Tiwari**, Neera Arora, S. D. Hirpurkar and V.K. Bhardwaj. “Increasing Level of Blood Sugar: An Alarm of Diabetes Mellitus in Dogs” Indian Association of Women Veterinarians, Annual Convention and Xth National Symposium on ‘Advances in Concepts of Animal Welfare, Health And Animal Husbandry’, 6th-8th January, 2010, College of Vety. Sc. SVVU Tirupati (A.P.). pp: 151.

166. **Ruchi Tiwari**, S. D. Hirpurkar and Abhishek. "Comparison of Different Techniques for Recovery of *E. coli* and *B. subtilis* specific Bacterial Viruses" XXIV Annual Convention of IAVMI and International Conference on 'Protecting Animal Health : Facilitating Trade in Livestock and Livestock Products' 27-29th January, 2010, Raipur, (C.G.). pp:178.
167. **Ruchi Tiwari** and S. D. Hirpurkar "Antibiotic Resistant Phage Sensitive Bacteria Isolated from the Chronic Suppurative Wound" Xth Indian Veterinary Congress, XVIIth Annual Conference of IAAVR and National Symposium on 'Newer Challenges in Veterinary Research and Education vis-à-vis Safe Animal, Food and Human Health' 11-12 March, 2010, COVS &AH, Jabalpur, M.P. pp:63.
168. P Thomas, S K Gupta, R A Mir, J K Verma, **R. Tiwari**, K N Viswas and V P Singh. (2011). "Restriction endonuclease analysis of *Pasteurella multocida* isolates of various host origin" XXVth Annual convention of IAVMI and International conference on "Emerging Animal Health for Better Livestock Production under WTO Regime" 9-11 June, 2011, Hebbal Bangalore. pp: 178.
169. K. Dhama, V. Gowthaman, P.M. Sawant, **R. Tiwari** and S.D. Singh (2012). Diagnostic applications of molecular tools and techniques for important viral diseases of poultry. Presented in XXVI Annual Convention of IAVMI & International Seminar on Future of Livestock Health: A Paradigm Change to Maximize Productivity for Economic Gains, held at TANUVAS, Madras Veterinary College, Chennai - 600007, from 6-8th Sept. 2012. Souvenir, pp: 197-98.
170. K. Dhama, P.M. Sawant, **R. Tiwari**, R. Barathidasan and S.D. Singh (2012). Novel and emerging therapeutics: perspectives for combating poultry diseases. *Ibid.* Souvenir, pp: 198-99.
171. K. Dhama, P.M. Sawant, **R. Tiwari**, M.Y. Wani, S.D. Singh and J.M. Kataria (2012). Chicken infectious anemia: an emerging immunosuppressive viral disease of poultry. *Ibid.* Souvenir, pp: 199-200.
172. **R. Tiwari**, K. Dhama, P.M. Sawant and S. D. Hirpurkar (2012). Comparison of different techniques for recovery of *E. coli* and *B. subtilis* specific bacterial viruses. *Ibid.*. Souvenir, pp: 261.
173. **R. Tiwari**, K. Dhama, M.Y. Wani, P.M. Sawant and S. D. Hirpurkar (2012). Bacteriophage therapy - a novel alternative to antibiotics for combating bacterial infections in animals. *Ibid.* Souvenir, pp: 262.
174. K. Dhama, S. Rajagunalan, V. Gowthaman, **R. Tiwari**, M.Y. Wani and S.D. Singh (2012). Zoonotic poultry diseases: prevention and control measures- the perspectives. *Ibid.* Souvenir, pp: 69-70.
175. **Ruchi Tiwari**, K. Dhama and S.D. Hirpurkar. (2012). Recovery of lytic bacteriophages from different animal's wastes indicated cow wastewater to be a rich source of useful antibacterial viruses. XXI National conference of Indian Virological Society (VIROCON – 2012) "Immunobiology and Management of Viral Diseases in 21st Century" held on 8-10 November 2012, IVRI Mukteswar Campus, Nainital - 263138, Uttarakhand. Souvenir, pp: 111.
176. K. Dhama, Mohd. Yaqoob Wani, **Ruchi Tiwari**, Shyma K. Latheef, Rajib Deb and Shambhu Dayal Singh (2013). Plant based oral / edible vaccines for animal pathogens - a new era of prophylaxis: current and future perspectives. Paper presented in First National conference on "Phytomedicines: An alternate to modern medicine and their molecular expression" organized by Institute of Pharmaceutical Research & Department of Biotechnology, GLA University, Mathura (U.P.) , held on Feb, 16-17, 2013. Souvenir, pp: 7-8.
177. Rajib Deb, Praveen Singh, **Ruchi Tiwari**, Mahima, Amit Kumar Verma and Kuldeep Dhama (2013). Nanotechnology and its potential role in developing novel phytomedicines – the perspectives. *Ibid.* Souvenir, pp: 10-11.
178. Kuldeep Dhama, Shyma K Latheef, Mohd. Yaqoob Wani, Mahima, **Ruchi Tiwari**, Saminathan Mani and Shambhu Dayal Singh (2013). Herbal remedies safeguarding poultry health and production Souvenir, pp: 24-25.
179. Kuldeep Dhama, Rajib Deb, Mohd. Yaqoob Wani, **Ruchi Tiwari**, Mahima, Amit Kumar Verma and Saminathan Mani (2013). Biotechnological and molecular advances exploring phytomedicines for safeguarding animal health and production. *Ibid.* Souvenir, pp: 27-28
180. Mahima, Amit Kumar Verma, Anu Rahal, **Ruchi Tiwari**, Rajib Deb, Amit Kumar and K. Dhama (2013). Herbal heritage safeguarding humans and animal health: traditional to modern approach. *Ibid.* Souvenir, pp: 30-31.
181. **Ruchi Tiwari**, Amit Kumar, Shyma K Latheef, Hari Abdul Samad, Amit Kumar Verma and Kuldeep Dhama (2013). Beneficial applications and perspectives of the use of herbal heritage of ancestry against skin and wound infections in animals: golden era to turn back. *Ibid.* Souvenir, pp: 79-80.
182. **Ruchi Tiwari**, Amit Kumar, Sharad Kumar Yadav Asheesh Pratap Singh and Shanker Singh. (2013). Study on Bacterial etiology of Skin and Wound Infections and Antibiogram profile in Animals of Mathura region in U.P. VIth Annual Convention and **International Symposium** of Society of Immunology and Immunopathology at Rajasthan University of Veterinary and Animal Sciences, Bikaner on 24th-25th Dec., 2013. pp: 76.
183. **Ruchi Tiwari**, Uttam Singh, Sharad Kumar Yadav, Shanker Singh and Rajneesh Sirohi. (2013). Fungal Dermatitis in young dairy calf: A case study. *Ibid.* Souvenir, pp: 88.
184. Mohd. Yaqoob Wani, Kuldeep Dhama, **Ruchi Tiwari**, Shambhu Dayal Singh (2014). Immunosuppressive effects on T lymphocyte populations of chicken infectious anemia virus during experimental subclinical infections. XXXII Annual Convention of ISVM & **International Symposium** on The 21st Century Road Map for Veterinary Practice, Education and Research in India and Developing Countries at SKUAST, Jammu on 14th-16th Feb. 2014, pp:116.
185. Mohd Yaqoob Wani, Kuldeep Dhama, Shyma K. Latheef, **Ruchi Tiwari**, Shambhu Dayal Singh (2014). Effect of chicken anemia virus load on cytokine profile and antibody titre during sub-clinical infection. XXXII Annual Convention of ISVM & **International Symposium** on The 21st Century Road Map for Veterinary Practice, Education and Research in India and Developing Countries at SKUAST, Jammu on 14th-16th Feb. 2014, pp:117.
186. MY Wani, K Dhama, R Barathidasan, **R. Tiwari**, Shyma K Latheef & SD Singh (2014). Title: Development of a real time PCR method for the detection and quantification of chicken infectious anemia virus in chickens. Society of Veterinary Science and Biotechnology, **National Seminar** on Biotechnological Approaches to Challenges in Animal Health & Production", Organized by College of Veterinary Sciences, DUVASU, Mathura from March 6th -7th, 2014, Souvenir, pp: 57.
187. **Ruchi Tiwari**, Amit Kumar, Amit Kumar Verma, Shanker Singh and Sharad Kumar Yadav (2014). Incidence of Foot-rot at Samarpan Gaushala in Mathura. *Ibid.* Souvenir, pp: 117.
188. **Ruchi Tiwari**, Amit Kumar and Sharad Kumar Yadav (2014). Multidrug Resistance: An Emerging Threat and Growing trend in Health Care Industry. *Ibid.* Souvenir, pp: 51.

189. Singh S.V., Sohal J.S., Singh P.K., Singh A.V., Kumar N., Bhatia A.K., Srivastava A.K., Gupta S., Chaubey K.K., Thakur S., Rawat K.D., Singh B., Dhama K., **Tiwari R.**, Deb R., Agarwal P.K. (2014). A decade (2002-2013) of molecular epidemiology (biotype profiles) and inter-species sharing of mycobacterium avium subspecies paratuberculosis in domestic and wild ruminants (blue bulls, deer, bison), other animals, primates and human beings in India. 12th ICP Parma, ITALY, June 22-26 2014_COD. 1507. P-06.23, pp: 292.
190. Singh S.V., Kumar N., Singh A.V., Singh P.K., Sohal J.S., Agarwal N.D., Gupta S., Chaubey K.K., Thakur S., Rawat K.D., Singh B., Dhama K., **Tiwari R.**, Deb R., Agarwal P.K., Kumar A. Trends in bio—load of Mycobacterium avium subspecies paratuberculosis infection in human population with special reference to individuals suffering with chronic ailments from north India in last decade (2004 to 2014). 12th ICP Parma, ITALY, June 22-26, 2014_COD. 1507. Abstract O-07.7, pp: 305.
191. Amit Kumar, Yogesh Kumar, Ritika Yadav, **Ruchi Tiwari**, Vinod Kumar Singh and Sharad Kumar Yadav. (2014). Mortality Associated With Outbreak of FMD: Causes and Measures For Prevention. XXVIII Annual Convention of IAVMI & **International Conference** on “Challenges and Opportunities in Animal Health at the Face of Globalization and Climate Change” at DUVASU, Mathura on Oct 30th-1st Nov. 2014, pp: 19-20.
192. **Ruchi Tiwari**, Amit Kumar, Sharad Kumar Yadav and Shanker Singh. (2014). Isolation of Pyogenic *E. Coli* and Antibiogram Study of a Chronic Wound of a Camel- A Case Report. *Ibid.* Souvenir, pp: 46.
193. Ritika Yadav, Yogesh Kumar, Amit Kumar, **Ruchi Tiwari**, Vinod Kumar Singh and Sharad Kumar Yadav. (2014). Antibigram study of pyogenic wound from clinical cases in mathura region. *Ibid.* Souvenir, pp: 47.
194. M.Y. Wani, K. Dhama, **R. Tiwari**, Y. S. Malik and S. D. Singh. (2014). Development of recombinant protein based dot-blot kit for the diagnosis of chicken anemia virus infections in poultry. *Ibid.* Souvenir, pp: 59.
195. S. D. Hirpurkar and **Ruchi Tiwari**. (2014). Endolysin Therapy - A possible alternative to antibiotics for combating bacterial infections in animals. *Ibid.* Souvenir, pp: 111.
196. Yogesh Kumar, Ritika Yadav, Amit Kumar, **Ruchi Tiwari**, Vinod Kumar Singh and Sharad Kumar Yadav. (2014). Antibiogram study of bacterial isolates from mastitis milk samples of Mathura region. *Ibid.* Souvenir, pp: 132.
197. M.Y. Wani, K. Dhama, **R. Tiwari**, Y. S. Malik and S. D. Singh. (2014). Immunopathology of chicken anemia virus: comparative studies on cytokine Profile, antibody titer and T lymphocytes in relation to viral loads in day Old and 6-week old spf chicks. Souvenir, pp: 155.
198. Sharad Kumar Yadav and **Ruchi Tiwari**. (2015). Bovine herpes virus-1 (BHV-1): Current scenario of South and East Asia. 5th World Congress on Virology. Atlanta, USA. December 07-09, 2015. Page: 70.
199. Sharad Kumar Yadav and **Ruchi Tiwari**. (2016). Scenario of immunodiagnosics for animal herpes viruses. 6th Euro Virology Congress and Expo. Madrid, Spain. March 10th -12th, 2016.
200. Sharad Kumar Yadav and **Ruchi Tiwari**. 2016. Complex scenario of Bovine Herpes Virus-1 (BHV-1) Vaccines. 8th World Congress on Virology on 28th -30th Nov, 2016 at San Antonio, USA.
201. Shanker Kumar Singh, P Yadav, VK Singh, **Ruchi Tiwari**, SK Garg. 2017. Polyherbal capsule (Pyodermacare-G): A persuasive warrior for bacterial & mycotic dermatitis in dogs. XXXVth Annual Convention and National Symposium of Indian Society of Veterinary Medicine (ISVM) on “Innovative techniques, emerging issues and advancement in veterinary medicine to meet challenges: Present and the future” at CoVS, Tiruneveli on 22nd -24th Feb, 2017.
202. **Ruchi Tiwari** and Kuldeep Dhama. (2017). Centennial Journey of Bacterial Viruses in Combating Global Havoc of MDR pathogens. IVth International Annual Conference of ACSE and WCSTM at Dubai, UAE on 12th -14th August, 2017.
203. **Ruchi Tiwari** and Kuldeep Dhama. (2018). Emerging Antibiotic Resistance: Causes, Concerns and Control Strategies. . Vth International Annual Conference of ACSE and 2nd ACSTM at Dubai, UAE on 20th -22nd March, 2018.

Technical / Popular Articles

204. Joycee Jogi and **Ruchi Tiwari** (2008) “How your dog communicates” in 12th Dog show, 20th January, Durg (C.G.)
205. Joycee Jogi, **Ruchi Tiwari** and Preeti Negi (2008) “Neutering/Spaying : An overview” in 12th Dog show, 20th January, Durg (C.G.)
206. एस. जोगी, डॉ. जायसी जोगी एवं डॉ. **रुचि तिवारी** (2008). “बर्ड प्लु और भयभीत कुक्कुट उद्योग” राज्य स्तरीय किसान मेला एवं प्रदर्शनी, 21–22 फरवरी, रायपुर (छ.ग.). pp: 146-148.
207. कमलेश ठाकुर, डॉ. पूनम विश्वकर्मा, डॉ. **रुचि तिवारी** एवं डॉ. प्रीति नेगी (2008). “क्वेत्रिम गर्भाधान” राज्य स्तरीय किसान मेला एवं प्रदर्शनी, 21–22 फरवरी, रायपुर (छ.ग.). pp: 144-145.
208. K. Dhama, **Ruchi Tiwari** and M. S. Basaraddi (2011). Avian Diseases Transmissible to Humans. *Poultry Technology*. **6(3)**: 28-32.
209. K. Dhama, M.S. Basaraddi, **Ruchi Tiwari** and Ananthakrshna L.R. (2011). Egg Yolk Antibodies (EYA): Applications in Poultry. *Poultry Technology*, **6(4)**: 20-24.
210. **Ruchi Tiwari**, M. Yaqoob Wani and K. Dhama (2011). Fowl Cholera, An Economically Important Disease Of Poultry: An Overview. *Poultry Technology*, **6(5)**: 18-20.
211. S.D. Singh, **R. Tiwari** and K. Dhama (2011). Avian colibacillosis, an economically important disease of young chicks. *Poultry World*, October issue, pp: 14-20.
212. **Ruchi Tiwari**, M. Yakoob Wani and K. Dhama (2011). Candidiasis (moniliasis, thrush or sour crop) in poultry : An overview. *Poultry Technology*, **6(7)**: 110-111.
213. K. Dhama, M. S. Basaraddi, **Ruchi Tiwari** and S. B. Shantaveer (2011). Coccidiosis in poultry: An Overview. *Poultry Technology*, **6(8)**: 50-54.
214. **Ruchi Tiwari**, M. Yakoob Wani and K. Dhama (2012). Aflatoxins and aflatoxicosis - impact on animal health and production. *Livestock Technology*, **1(8)**: 10-13.
215. धामा कुलदीप, **तिवारी रुचि**, वर्मा विनय एवं राय आर.बी. (2012). पशु रोगों की जांच व नियन्त्रण के क्षेत्र में विकसित होते नये आयाम। *Livestock Technology*, **1(9)** (Feb issue): 13-15.

216. **तिवारी रुचि**, धामा कुलदीप, वर्मा विनय एवं सिंह एस.डी. (2011). प्रोबायोटिक्स के द्वारा कुक्कुट/मुर्गी स्वास्थ्य और उत्पादन में सुधार : एक अवलोकन । *Poultry World*, Dec. issue, pp: 12-16.
217. K. Dhama, R. Barathidasan, **R. Tiwari** and S.D. Singh (2011). Tuberculosis in poultry and other birds including captive, pet and zoo birds, and its zoonotic significance. *Poultry World*, Dec. issue, pp: 24-28.
218. कुलदीप धामा, **रुचि तिवारी** एवं एस.डी. सिंह (2012). चूजों में संक्रामक रक्ताल्पता (चिकन एनीमिया) : एक महत्वपूर्ण बीमारी । *Poultry World*, Jan. issue, pp: 12-16.
219. K. Dhama, R. Barathidasan, **R. Tiwari** and S.D. Singh (2012). Strategies for promoting poultry farming in rural areas: health care and managemental tips for socio-economic development of farmers. *Poultry World*, Jan. issue, pp: 18-20.
220. K. Dhama, **Ruchi Tiwari** and S.D. Singh (2012). Biosecurity measures at poultry farms and thumb rules to avoid developing a serious zoonotic illness from birds. *Poultry Punch*, **28(3)**: 38-52.
221. **रुचि तिवारी**, कुलदीप धामा एवं एस.डी. सिंह (2012). मुर्गियों में मैरेक रोग (एमडी) : आर्थिक दृष्टि से एक महत्वपूर्ण बीमारी—वर्तमान एवं भविष्य परिपेक्ष । *Poultry Technology*, **6(10)**: 96-100.
222. S.D. Singh, **Ruchi Tiwari** and K. Dhama (2012). Mycotoxins and mycotoxicosis - impact on poultry health and production: An overview. *Poultry Punch*, **28(4)**: 35-52.
223. **रुचि तिवारी** एवं कुलदीप धामा (2012). पशुचिकित्सा विज्ञान के क्षेत्र में उभरती हुई तकनीकियाँ एवं अनुसंधान की दिशाएँ । *Livestock Technology*, **1(10)**: 1(10): 27-29.
224. K. Dhama, R. Barathidasan, **R. Tiwari** and S.D. Singh (2012). Probiotics in Poultry Production and Health - Growth promoters, Immune-enhancers and Combating Infectious Diseases: The Perspectives. *Poultry World*, Feb. issue, pp: 20-25.
225. **रुचि तिवारी**, कुलदीप धामा एवं एस.डी. सिंह (2012). मुर्गियों में संक्रामक रोगों का मुकाबला करने के संदर्भ में अण्डे की जर्दी में पाये जाने वाले प्रतिरक्षी अणुओं (एन्टीबायोज) के बहुआयामी प्रभाव । *Poultry World*, April issue, pp:12-17.
226. **Ruchi Tiwari**, P. M. Sawant, M. Y. Wani and K. Dhama (2012). बेहतर मानव स्वास्थ्य हेतु पशुजनित खाद्य उत्पादों का नवीन विधियों द्वारा आंतरिक रूपांतरण (**डिजाइनर पशुजनित उत्पाद**). *Livestock Technology*, **1(11)**: 24-27.
227. **Ruchi Tiwari**, P.M. Sawant and K. Dhama (2012). Bacteriophage therapy - a novel tool and an alternative to antibiotics for bacterial infections of poultry. *Poultry Times of India*, **33(4)**: 8-11.
228. **रुचि तिवारी**, कुलदीप धामा, एवं एस.डी. सिंह (2012). मुर्गी पालन में पुराना (जीर्ण) श्वसन रोग (सी.आर.डी.) : एक अवलोकन । *Poultry World*. May issue, pp: 12-18.
229. **Ruchi Tiwari**, M. Y. Wani, P. M. Sawant and K. Dhama (2012). पौधों पर आधारित मौखिक/खाद्य रूपी टीके (पादप टीके) : पशुरोगों की रोकथाम एवं बचाव में नयी कड़ी । *Livestock Technology*, **1(12)**: 20-21.
230. P. M. Sawant, **Ruchi Tiwari**, M.Y. Wani and **K. Dhama** (2012). Novel and emerging therapeutics: perspectives for combating poultry diseases. *Poultry Technology*. May issue, **7(1)**: 74-80.
231. **रुचि तिवारी**, कुलदीप धामा एवं एस.डी. सिंह (2012). कुक्कुट हैजा, आर्थिक रूप से मुर्गियों की एक महत्वपूर्ण बीमारी : एक अवलोकन । *Poultry Technology*, June issue, **7(2)**: 20-22.
232. **रुचि तिवारी**, कुलदीप धामा, विनय वर्मा एवं एस.डी. सिंह (2012). पोल्ट्री में कैंडिडिएसिस (मोनिलिओसिस, थ्रस या खट्टा क्रॉप) रोग । *Poultry World*, June issue, pp: 12-16.
233. K. Dhama, Mohd. Yaqoob Wani and **Ruchi Tiwari** (2012). Alternatives to animal experimentation in biological research. *Livestock Line*, June issue, **6(2)**: 4-9.
234. S.D. Singh, R. Barathidasan, **R. Tiwari** and K. Dhama (2012). Collection, preservation and despatch of morbid materials / specimens for poultry disease diagnosis. *Poultry Technology* July issue, **7(3)**: 28-30.
235. **रुचि तिवारी**, कुलदीप धामा, विनय वर्मा एवं एस.डी. सिंह (2012). पालतू, देशी, चिड़ियाघर तथा जैव उद्यानों में रहने वाले वन्य पक्षियों व मुर्गियों में होने वाला भयावह क्षय रोग (ए.टी.बी.) तथा इसका जूनोटिक महत्व । *Poultry World*, July issue, pp: 12-20.
236. S.D. Singh, R. Barathidasan, **R. Tiwari** and K. Dhama (2012). Pathology and Diagnosis of Emerging and Re-Emerging Viral Diseases of Poultry. *Poultry World*, July issue, pp: 26-36.
237. **Ruchi Tiwari**, Amit Kumar, Shanker K. Singh and N. K. Gangwar (2012). Skin and wound infections of animals: an overview. *Livestock Technology* **2(3)**: 16-18.
238. कुलदीप धामा, **रुचि तिवारी**, विनय वर्मा एवं एस.डी. सिंह (2012). मुर्गियों एवं चूजों में इस्वीरिचिया कोलाई जीवाणुजनित रोगों (एवियन कोलीबैसिलोसिस) का परिचय । *Poultry Technology* **7(4)**: 78-82.
239. K. Dhama, S. Rajagunalan and **Ruchi Tiwari** (2012). Zoonotic Campylobacteriosis; An Overview. *Livestock Technology*, **2(3)**: 10-12.
240. K. Dhama, M. Yakoob Wani, **Ruchi Tiwari** and D. Kumar (2012). Molecular diagnosis of animal diseases: the current trends and perspectives. *Livestock Sphere*, May issue, pp: 6-10.
241. M. Yaqoob Wani, **Ruchi Tiwari**, Pradeep Sawant and K. Dhama (2012). Plant based edible vaccines: new frontiers for animal disease prophylaxis. *Livestock Sphere*. June issue, pp: 11-13.
242. **Ruchi Tiwari** and K. Dhama (2012). Avian / Bird Flu: An Update. *Poultry Fortune*, **14(1)**: 36-42.
243. रमाकान्त, प्रकाश भट्ट, राजीव रंजन कुमार व **रुचि तिवारी** (2012). दुधारू पशुओं में कैल्सियम अल्पता से होने वाला दुष्प्रभाव : दुग्ध ज्वर (मिल्क फीवर) । *Livestock Technology*, **2(4)**, 17-19.
244. K. Dhama, R. Barathidasan, **R. Tiwari** and S.D. Singh (2012). Aspergillosis: An Important Fungal Disease of Poultry and Other Birds. *Poultry World* September issue, pp: 28-31.
245. **Ruchi Tiwari**, A. Latchumikanthan and K. Dhama (2012). Herbal and traditional botanical medicines for safeguarding animal and human health. *Livestock Line*, **6(4)**:29-33.

246. P. M. Sawant, **Ruchi Tiwari**, M. Y. Wani and K. Dhama (2012). Functional and designer foods/products of animal origin. *Processed Food Industry* September issue, pp: 49-58.
247. **रुचि तिवारी**, कुलदीप धामा, विनय वर्मा एवं एस.डी. सिंह (2012). कुक्कुट में लिस्टिरीओसिस और इसका सार्वजनिक स्वास्थ्य में महत्व । *Poultry World* Oct.2012, pp:12-16.
248. K. Dhama, P. Bhatt, S. Rajagunalan, **R. Tiwari** and N.A. Tufani (2012). Aflatoxin contamination in feed and aflatoxicosis in poultry: A major concern for poultry farmers. *Poultry Tchnology*, **7(7)**: 84-89.
249. **रुचि तिवारी**, कुलदीप धामा, विनय वर्मा एवं एस.डी. सिंह (2012). कुक्कुट में कैम्पायलोबैक्टर संक्रमण और सार्वजनिक स्वास्थ्य में उसका महत्व । *Poultry World* Dec issue, pp:14-18.
250. **Ruchi Tiwari**, Vinay Verma, Kuldeep Dhama and Shambhu Dayal Singh (2013). कुक्कुट (पोल्ट्री) में सालमोनेल्लोसिस रोग और जन स्वास्थ्य की दृष्टि से इसका महत्व । *Poultry World. Jan issue*, pp:14-20.
251. **Ruchi Tiwari**, Vinay Verma, Shyma K Latheef and Kuldeep Dhama (2013). पशु स्वास्थ्य रक्षा हेतु टीकों तथा टीकाकरण की आधुनिक युक्तियाँ/विधियाँ । *Livestock Technology* **2(8)**: 30-36.
252. P. Bhatt, **R. Tiwari**, N.A. Tufani and K. Dhama (2013). Chronic respiratory disease (CRD) in poultry: causes and cure. *Poultry Technology* **7(9)**: 16-20.
253. P. Bhatt, **Ruchi Tiwari**, A.K. Verma, M. Singh and K. Dhama (2013). Vesicular stomatitis. *Livestock Line*. **6(10)**: 6-12.
254. S.D. Singh, R. Barathidasan, **R. Tiwari** and K. Dhama (2013). Necropsy procedure in poultry and other wild birds and diagnosis of diseases based on gross and microscopic lesions. *Poultry Punch*, **29(3)**:30-38.
255. S.D. Singh, R. Barathidasan, **R. Tiwari** and K. Dhama (2013). Economically important viral diseases of poultry and their control strategies. *Poultry Punch*, **29(3)**:51-61.
256. विनय वर्मा, **रुचि तिवारी**, कुलदीप धामा एवं आर.बी.राय (2012). प्राकृतिक आपदा के दौरान पशुओं का प्रबंधन । *Livestock Technology* **2(7)**: 8-12.
257. K. Karthik, Rajesh Rathore, Amit Kumar Verma, **Ruchi Tiwari**, Mahima and Kuldeep Dhama. (2013). Brucellosis: It still stings. *Livestock Technology*. **2(10)**:8-10.
258. Mithilesh Singh, Mahima, **Ruchi Tiwari**, Amit Kumar Verma and Kuldeep Dhama. (2013). Integrated farming system and Livelihood security. *Livestock Technology*. **2(10)**: 38-40.
259. Mithilesh Singh, **Ruchi Tiwari**, Kuldeep Dhama and Shambhu Dayal Singh (2013). मुर्गियों में अफलाटॉक्सिकोसिस – एक सिंहावलोकन *Poultry World*, April issue, pp: 12-14.
260. K. Dhama, S. Rajagunalan, **R. Tiwari**, A.K. Verma and S.D. Singh (2013). Food-borne pathogens of poultry having public health significance. *Poultry World*, Feb. 2013, pp: 32-40.
261. Vinay Verma, **Ruchi Tiwari**, Shyma K Latheef and Kuldeep Dhama (2013). गोपशुओं में होने वाले प्रमुख विषाणु जनित (वायरल) रोग एवं उनसे बचाव । *Livestock Technology*, **2(8)**:17-20.
262. Vinay Verma, **Ruchi Tiwari**, Shyma K Latheef and Kuldeep Dhama (2012). पशुओं में जीवाणुजनित (बैक्टीरियल) महत्वपूर्ण रोग और उनकी रोकथाम व नियंत्रण । *Livestock Technology*, **2(9)**: **11-13**.
263. **रुचि तिवारी** एवं रश्मि सिंह (2012). बर्ड फ्लू के बढ़ते कदम: महत्वपूर्ण तथ्य. *Pashudhan*, **6(2)**: 2-4.
264. **रुचि तिवारी**, कुलदीप धामा एवं एस.डी. सिंह (2013). पक्षियों/मुर्गियों में माइकोप्लाज्मा संक्रमण – कुक्कुट उत्पादन में आर्थिक हानि का एक प्रमुख कारण *Poultry World*, Feb.2013, pp:32-40.
265. विनय वर्मा, **रुचि तिवारी**, कुलदीप धामा एवं आर. बी. राय (2013) कवक जनित रोग और उनका रोकथाम व नियंत्रण *Livestock Technology*, **2(10)**: 10-14.
266. Krathik K, Rajesh Rathore, Ramesh V Jagapur, **Ruchi Tiwari** and Kuldeep Dhama (2013). Avian Mycoplasmosis – Panic to Poultry Farmers – The Solutions. *Poultry World*, April issue, pp: 36-38.
267. **रुचि तिवारी** एवं कुलदीप धामा (2013). वैश्विक ताप वृद्धि का कुक्कुट व्यवसाय पर प्रभाव: एक अवलोकन *Poultry World*, May issue, pp: 12-13.
268. महिमा, अमित कुमार वर्मा, **रुचि तिवारी** एवं कुलदीप धामा (2013). बकरियों में आहार प्रबन्धन: एक अवलोकन *Kheti (Accepted, In Press)*.
269. **रुचि तिवारी**, अमित कुमार वर्मा, महिमा एवं कुलदीप धामा (2013). पशुओं व मनुष्यों के बीच फैलने में सक्षम रोग कैम्पायलोबैक्टीरियोसिस : एक अवलोकन *Kheti*, May issue, pp: 21-25.
270. **रुचि तिवारी**, महिमा, अमित कुमार वर्मा एवं कुलदीप धामा (2013). पशुओं के त्वचीय संक्रमण व घावों का निदान एवं उपचार *Kheti (Accepted, In Press)*.
271. **Ruchi Tiwari**, Mahima, A.K. Verma, M. Singh and K. Dhama (2013). Herbs and ethnoveterinary medicines having immunomodulatory, therapeutic potential and health benefits: the nature's medicines. *Indian Farming (Accepted, In Press)*.
272. P. Bhatt, **Ruchi Tiwari**, Shyma K Latheef, A. K. Verma and K. Dhama (2013). Bovine ephemeral fever. *Livestock Line*, **7(3)**: 32-35.
273. P. M. Sawant, **Ruchi Tiwari**, M.Y. Wani and K. Dhama (2013). Calf Diarrhea / Scour: Leading Cause of Neonatal Calf Mortality. *Livestock Sphere*. (Accepted, In Press).
274. M. Yaqoob Wani, **Ruchi Tiwari**, P. M. Sawant and K Dhama (2013). Recent trends in vaccines and vaccinology for safeguarding animal health. *Livestock Sphere*. (Accepted, In Press).
275. **रुचि तिवारी**, कुलदीप धामा एवं एस.डी. सिंह (2013). ताप वृद्धि मुर्गियों में तनाव का एक प्रमुख कारण: रोचक तथ्य एवं समीक्षा *Poultry world*, August issue, pp:12-14.
276. **रुचि तिवारी** एवं कुलदीप धामा. (2013). विषाणुभोजी: जैविक सत्ता के नये सदस्यों का उद्भव व विकास—एक अवलोकन. *Livestock Technology*, **3(1)**: 10-12.
277. **Ruchi Tiwari**, Mithilesh Singh and Kuldeep Dhama (2014). Unusual behavior (Vices) of Poultry: An Overview. *Poultry World*, January issue, pp: 16-18.
278. विनय वर्मा, **रुचि तिवारी**, मिथिलेश सिंह एवं कुलदीप धामा (2013). छोटे जुगाली करने वाले पशुओं में पोषण सम्बन्धी रोग :एक अवलोकन *Livestock Technology*, **3(4)**: 8-9.
279. **रुचि तिवारी** एवं कुलदीप धामा (2013). कुक्कुट उद्योग की सफलता की आवश्यक कुंजी: टीकाकरण: महत्वपूर्ण तथ्य. *Poultry world*, September issue, pp: 12-13.
280. विनय वर्मा, **रुचि तिवारी**, मिथिलेश सिंह एवं कुलदीप धामा (2013). पशुओं में उपापचयी रोगों के हानिकारक प्रभाव : आवश्यक जानकारी *Livestock Technology*, **3(5)**: 8-11.
281. **Ruchi Tiwari**, Mithilesh Singh and Kuldeep Dhama. (2013). Fungus in microbiology laboratory: host or guest- facts to know. *Poultry world*, November issue, pp: 16-18.
282. **रुचि तिवारी** (2013). ईमूपालन: एक आकर्षक व्यवसाय: रोचक तथ्य. *Poultry world*, December issue, pp: 12.

283. रुचि तिवारी एवं कुलदीप धामा. (2014). कुक्कुट स्वास्थ्य रक्षा हेतु टीकों तथा टीकाकरण की नवीन संभावनायें: एक अवलोकन. *Poultry world*, January issue, pp: 12-14.
284. कुलदीप धामा, संदीप चक्रवर्ती एवं रुचि तिवारी (2014). फाउल प्लेग-महत्वपूर्ण जानकारियाँ एवं इससे बचाव व रोकथाम के उपाय. *Poultry world*, February issue, pp: 12-14.
285. **Ruchi Tiwari**, Sandip Chakraborty and Kuldeep Dhama (2014). Rhinosporidiosis: An Unsolved Mystery. *Poultry world*, February issue, pp: 46.
286. Kuldeep Dhama, Yashpal S Malik, K. Karthik, **Ruchi Tiwari** and Sandip Chakraborty (2014). Panchgavya Therapy (Cowpathy): Biomedical Applications and Protecting Health of Animals and Humans - An Overview. *Liv. Technol.* 3(12): 18-20.
287. Kuldeep Dhama, Yashpal Malik, Karthik K, Sandip Chakraborty and **Ruchi Tiwari** (2014). Global warming and increasing infectious diseases: an overview. *Liv. Technol.* 4(1): 32-34.
288. Amit Kumar Verma, Mani Saminathan, **Ruchi Tiwari**, Sandip Chakraborty and Kuldeep Dhama (2014). Glanders - a disease of equines having high public health concerns: an overview. *Liv. Technol.* (submitted on Jan 22, 2014).
289. Karthik K, **Ruchi Tiwari**, Sandip Chakraborty, Yashpal S. Malik and Kuldeep Dhama (2014). Zoonotic threats from wildlife: an overview. *Liv. Technol.* 3(12): 8-10.
290. Kuldeep Dhama, Yashpal S Malik, K. Karthik, **Ruchi Tiwari** and Sandip Chakraborty (2014). Panchgavya Therapy (Cowpathy): Biomedical Applications and Protecting Health of Animals and Humans - An Overview. 3(12): 18-20.
291. Yashpal S Malik, L.M. Jeena, Ruchi Tiwari, Sandip Chakraborty and K. Dhama (2014). Diarrhea/Enteritis in Birds: Etiology, Diagnosis, Treatment and Control. *Poultry World*. March issue, 38-43.
292. Kuldeep Dhama, Yashpal S Malik, K. Karthik, **Ruchi Tiwari** and Sandip Chakraborty (2014). Emerging therapies and their biomedical applications – safeguarding health and countering diseases: an overview. *Indian Farming*. (Submitted on Feb. 18, 2014).
293. Sandip Chakraborty, Ruchi Tiwari, and Kuldeep Dhama. (2014). Viral Diseases As Silent Enemy of Ducks: An Introduction. *Poultry world*, March issue, pp: 18-20.
294. Amarpal, **Kuldeep Dhama**, Sandip Chakraborty, Ruchi Tiwari and Karthik K (2014). Stem Cells and their Therapeutical Applications in Veterinary Science and Biomedicine: An Overview. *Liv. Technol.*, 3(10): 24-27.
295. Ruchi Tiwari, Mithilesh Singh, Sandip Chakraborty, Mani Saminathan and Kuldeep Dhama (2014). Emerging antibiotic resistance of infectious microbes / pathogens affecting humans and their companion animals: frightening health dilemma. *Liv. Technol.* 4(1): 22-25. June.
296. Ruchi Tiwari, Kuldeep Dhama, Yashpal S Malik and Sandip Chakraborty. (2014). पंचगव्य चिकित्सा : पशुओं तथा मनुष्यों की स्वास्थ्य रक्षा पद्धति एवं इसके जैव चिकित्सा अनुप्रयोग : एक अवलोकन. *Poultry world*, May issue, pp: 12.
297. **Ruchi Tiwari**, Sandip Chakraborty and Kuldeep Dhama. (2014). मुर्गियों में होने वाले विभिन्न प्रकार के रोग : कारण एवं स्रोत *Poultry world*, April issue, pp: 12.
298. रुचि तिवारी संदीप चक्रवर्ती एवं कुलदीप धामा. (2014). मुर्गियों में कैम्पायलोबैक्टीरियोसिस: महत्वपूर्ण जानकारियाँ एवं रोकथाम के उपाय. *Poultry world*, July issue, pp: 12-14.
299. कुलदीप धामा, रुचि तिवारी, संदीप चक्रवर्ती एवं यशपाल सिंह मलिक (2014). पक्षियों में आंत्रशोथ: कारण, निदान, उपचार एवं नियंत्रण के उपाय *Poultry world*, Sept issue, pp: 12-14.
300. रुचि तिवारी, कुलदीप धामा एवं यशपाल सिंह मलिक (2014). कुक्कुट गृहों में अधिक अमोनिया संग्रहण से होने वाले दुष्प्रभाव: एक अवलोकन. *Poultry world*, October issue, pp: 12-14.
301. यशपाल सिंह मलिक, रुचि तिवारी, कुलदीप धामा एवं राज कुमार सिंह (2014). इबोला एक आपातकालीन जूनोटिक विषाणु रोग: एक अवलोकन *Kheti*, Nov issue pp.
302. रुचि तिवारी एवं कुलदीप धामा. (2014). मुर्गियों में ब्रायलर उत्पादन तथा उत्तम गुणवत्ता वाले मांस उत्पादन में आक्सीकरण विरोधी तत्वों की भूमिका *Poultry world*, Nov issue, pp: 12.
303. रुचि तिवारी एवं कुलदीप धामा. (2014). तरुण चूड़ों में उच्च मृत्यु दर का एक प्रमुख कारण पुलोरम रोग *Poultry world*, Dec issue, pp: 12-14.
304. रुचि तिवारी एवं शरद कुमार यादव. (2015). न्यूकैसल रोग (एन0डी0) : कुक्कुट में वर्तमान और भविष्य के दृष्टिकोण से इसका महत्व *Poultry world*, Jan issue, pp: 12-14.
305. DD Singh, SS Kashyap, N K Gangwar, D K Giri, R Kumar and **Ruchi Tiwari**. (2015). Family Poultry production: A Boon for small poultry farmers. *Poultry world*, Jan issue, pp: 26-29.
306. D.D. Singh, N.K. Gangwar, S.S. Kashyap, D. K. Giri, R. Kumar and **Ruchi Tiwari**. (2015). Aflatoxicosis: a threat for poultry industry and its control. *Poultry world*, Jan issue, pp: 26-29.
307. Kuldeep Dhama, **Ruchi Tiwari** and Natesan Senthilkumar. (2015). Biosecurity measures in poultry rearing: Parallel road towards the success of poultry industry. *Poultry world*, March issue, pp: 16-22.
308. प्रदीप कुमार, जितेन्द्र तिवारी, रुचि तिवारी, आलोक कुमार चौधरी, राहुल कुमार एवं अभिनव वर्मा. (2015). पशुओं के मुख्य रक्त परजीवी रोग एवं बचाव *Liv. Technol.* 5(2): 42-43. July.
309. रुचि तिवारी एवं कुलदीप धामा. (2015). टर्की पालन : एक लाभप्रद व्यवसाय. *Poultry world*, July issue, pp: 12.
310. Neeraj Kumar Gangwar, Devesh Kumar Giri, **Ruchi Tiwari**, Pritee Gangwar and Rahul Kumar. (2015). Women Empowerment through Poultry Production. *Poultry world*, July issue, pp: 36-38.
311. Ruchi Tiwari and Kuldeep Dhama. (2016). Quorum Sensing: An Alarm for Food Industry & Public Health. *Indian Poultry Industry Directory*, Vol 2:40-41.
312. शरद कुमार यादव एवं रुचि तिवारी. (2015). गौ वंश की एक महत्वपूर्ण बीमारी – संकामक गौजातीय श्वसननलिका शोथ (आई0बी0आर0). *Liv. Technol.* 5(3): 38-39.
313. दुधारू पशुओं में टीकाकरण का महत्व। (2015) दुवासू पब्लिकेशन : 127।
314. Devesh Kumar Giri, **Ruchi Tiwari**, Neeraj Kumar Gangwar. (2015). विटामिन ए का पशुओं एवम कुक्कुटों के स्वास्थ्य और प्रजनन में महत्व। पशुधन पत्रिका 9(2): 4-5.
315. अंबिका शर्मा, रुचि तिवारी एवं अरविंद कुमार त्रिपाठी. 2015. पशुओं के स्वास्थ्य एवम उत्पादन में सूक्ष्म पोषक तत्वों का महत्व। पशुधन पत्रिका 9(2): 9.
316. शरद कुमार यादव एवं रुचि तिवारी. (2016). गौ वंश के स्वास्थ्य पर प्रभाव डालने वाली एक अति महत्वपूर्ण बीमारी—आई0बी0आर0 Go-Anusandhan Sansthan: A New Vision. दुवासू पब्लिकेशन : 136।
317. रुचि तिवारी एवं शरद कुमार यादव (2016). गौपशुओं में होने वाले प्रमुख विषाणु जन्य रोग—महत्वपूर्ण जानकारियाँ एवं इससे बचाव व रोकथाम के उपाय। Go-Anusandhan Sansthan: A New Vision. दुवासू पब्लिकेशन : 136।
318. Rahul Kumar, VK Singh, Pradeep Kumar, **Ruchi Tiwari** and Neeraj Gangwar. (2016). Chronic wasting Diseases of Ruminants. *Livestock Technology* 5(9): 50.
319. अमित सिंह एवं रुचि तिवारी (2016). कुक्कुट पालन की रूपरेखा: एक लाभप्रद व्यवसाय *Poultry world*, March issue, pp: 12-14.

320. अमित सिंह एवं रूचि तिवारी (2016). मुर्गी पालन शुरू करने से पहले आवश्यक सावधानियाँ *Poultry world*, April issue, pp: 12-14.
321. अमित सिंह एवं रूचि तिवारी (2016). मुर्गियों से मनुष्यों में फैलने वाले रोग एवं उसकी रोकथाम के उपाय *Poultry world*, May issue, pp: 12-14.
322. अंबिका शर्मा, अरविंद कुमार त्रिपाठी एवं रूचि तिवारी. 2016. पशुधन स्वास्थ्य में जॉच प्रयोगशाला का योगदान। पशुधन पत्रिका 10(1): 3-4.
323. रूचि तिवारी एवं कुलदीप धामा. (2017). कुक्कुटों एवं पशुओं के लिए संक्रमणरोधी विटामिन: 'विटामिन-ए': महत्वपूर्ण तथ्य। *Poultry world*, September issue, pp: 12-14.
324. रूचि तिवारी एवं कुलदीप धामा. (2017). महिलाओं का पशु व कुक्कुट पालन एवम् प्रबंधन में योगदान। *Poultry world*, October issue, pp: 12.
325. रूचि तिवारी एवं कुलदीप धामा. (2017). पशु व मनुष्य स्वास्थ्य पर माइक्रोटॉक्सिन का प्रभाव एवं जनस्वास्थ्य की दृष्टि से इनका महत्व। *Poultry world*, November issue, pp: 12-16.
326. रूचि तिवारी एवं कुलदीप धामा. (2018). कुक्कुट पालन व्यवसाय: वर्तमान और भविष्य के दृष्टिकोण से इसका महत्व। *Poultry world*, January issue, pp: 12-14.
327. रूचि तिवारी एवं कुलदीप धामा. (2018). कुक्कुट स्वास्थ्य और उत्पादन में प्रोबायोटिक्स का महत्व : वर्तमान और भविष्य के परिपेक्ष में। *Poultry world*, February issue, pp: 12-14.
328. कुलदीप धामा एवं रूचि तिवारी. (2018). दुधारु पशुपालन की रूपरेखा: एक लाभप्रद व्यवसाय. *Liv. Technol.* March issue, pp: 15-16.
329. रूचि तिवारी एवं कुलदीप धामा. (2018). वर्तमान और भविष्य में एंटीबायोटिक दवाओं के विकल्प के रूप में प्रोबायोटिक्स का मुर्गी पालन में महत्व. *Poultry world*, September issue, pp: 12-16.
330. रूचि तिवारी एवं कुलदीप धामा. (2018). आम आदमी एवं कृषकों के लिए एक लाभकारी व्यवसाय : कुक्कुट पालन. *Poultry world*, October issue, pp: 12.

NCBI Gene Accession No. (GenBank) for gene sequences:

1. Wani, M.Y., Dhama, K., Lateef, S.K., Singh, M.K., **Tiwari, R.**, Singh, S.D. and Kumar, P (2013). Expression of chicken infectious anemia virus proteins and development of recombinant ELISA. Chicken anemia virus strain U101 VP3 protein (VP3) gene, complete cds. Accession No. : KF716161.
2. Wani, M.Y., Dhama, K., Singh, M.K., **Tiwari, R.**, Lateef, S.K., Singh, S.D., Singh, R., Brartidassan, R. and Kumar, P. (2013). Expression of chicken infectious anemia virus proteins and development of recombinant ELISA. Chicken anemia virus strain U101 VP2 protein (VP2) gene, partial cds. Accession No. : KF716160.
3. Wani, M.Y., Dhama, K., **Tiwari, R.**, Singh, M.K., Kumar, P., Lateef, S.K. and Singh, S.D. (2013). Chicken anemia virus strain U101 capsid protein VP1 (VP1) gene, partial cds. Accession No. : KF716159.

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Google Scholar

<https://scholar.google.co.in/citations?user=3tVO6F8AAAAJ&hl=en>

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Scopus ID - <https://www.scopus.com/authid/detail.uri?authorId=55314856100>.

Loop ID- <http://loop-discovery.frontiersin.org/>

Orcid ID- <https://orcid.org/0000-0001-7763-5547>

EDITOR AGREEMENT

THIS AGREEMENT is made effective as of 1st November, 2018 between

Dr RUCHI TIWARI ("ASSISTANT EDITOR") and JOURNAL OF

EXPERIMENTAL BIOLOGY AND AGRICULTURAL SCIENCES, with its principal office located at DIDWANA, NAGPUR, RAJASTHAN, INDIA.

WHEREAS, Journal of Experimental Biology and Agricultural Sciences is a NON PROFITABLE and NONGOVERNMENTAL organization, which publishes professional journals and desires to appoint Editor to serve as the ASSISTANT EDITOR of Journal of Experimental Biology and Agricultural Sciences ("Journal"), and Editor is willing to serve in accordance with the terms and conditions of this Agreement. Now therefore both the parties agree for:

1. **Tenure(s)** : This appointment is initially for two years which begins with the Volume 6 issue II, later on this will be automatically renew for next year and it will be continues maximum of four (4) years. This Agreement may also be terminated as provided in Section 07.
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08. Entire Agreement and Amendment: This Agreement constitutes the entire agreement between the parties and supersedes any other agreement in any form between the parties, and it may not be amended except by a written amendment signed by both parties.

IN WITNESS WHERE OF, the parties agree to all of the foregoing terms and conditions on the effective date of this Agreement first above written.

**Journal of Experimental Biology
and Agricultural Sciences**

ASSISTANT EDITOR

Signature



Signature



**Name/Title: Dr Kamal Kishore Chaudhary
Managing Editor – JEBAS**

**Name: Dr Ruchi Tiwari
Assistant Professor (Sr Scale)**

Date : 01/11/2018

Date: 01/11/2018