

BIODATA

As on: 31st Sept 2024

1. GENERAL INFORMATION:

Full Name	Dr. VIKAS GALAV
Father's Name	Shri RAJENDRA SINGH GALAV
Date of birth	21 - 04 - 1977
Age in Year	46 Years
Place of Birth	Kota (Rajasthan)
Bonafide Residence (Name state and Country)	Flat No. 205, SDC KEYSTONE Apartments, Sector-11, Kumbha Marg, Pratap Nagar, Sanganer, Jaipur-302033 (Rajasthan), INDIA Contact No. 9166882291
Permanent Home Address	Flat No: 205, SDC KEYSTONE Apartments, Kumbha Marg, Sector-11, Pratap Nagar, JAIPUR-302033 (Raj.)
Designation	Assistant Professor (Sr Scale)
Discipline	Veterinary Pathology
Area of Specialization	Oncologic Pathology, Ruminant Pathology, Toxicopathology, Clinical Pathology, Lab Animal Sciences, Quality Systems-NABL, GLP etc
Present place of posting with full Official Address.	Department of Veterinary Pathology, Post-Graduate Institute of Veterinary Education and Research (PGIVER), NH-11, Agra Road, Jamdoli, Jaipur-302031 (Raj.) vikasgalav@gmail.com Mob: 9717705445

II. EDUCATIONAL QUALIFICATIONS

2.1 Examinations / Degree

Exam*/ Degree	Year	University or Board	% Marks or GPA**	Division or Rank
Secondary School Certif. (X th)	1993	CBSE, Ajmer	65 %	1 st
Senior Secondary School (XII th)	1995	CBSE, Ajmer	68 %	1 st
B.V.Sc & A.H.	2003	Raj. Agri. University, Bikaner	8.12	Gold Medalist
M.V.Sc (Vety. Pathology)	2005	CoVS&AH, JNKVV, Jabalpur	7.82	III merit
PhD (Vety. Pathology)	2022	RAJUVAS, Bikaner	9.15	1 st

*High School onwards **Indicate whether obtained out of 3.1, 4.0, 5.0 or 10

2.2 PROFESSIONAL TRAININGS/ WORKSHOPS/COURSES

Title of the Training / Course	Duration with Dates	Sponsored / Organized by
<i>Refresher Course for GLP Inspectors</i>	2 Days ; 30-31 Jan, 2024	National GLP Compliance Monitoring Authority (NGCMA, DST), Department of Science and Technology, Government of India, New Delhi
One Health Approach to Combat Zoonoses, AMR and Food Safety	21-Days ICAR Winter school ; 1 st to 21 st Dec 2023	Dept. of Veterinary Medicine and RKVY Project on CDSRZ, PGIVER-RAJUVAS, Jaipur
Current Trends in Treatment and Control of Parasitic Diseases of Livestock and Poultry	6 Week AgMOOC; Dec'23-Jan 2024	MVC-TANUVAS, Chennai and Commonwealth of Learning, Canada
Digital Teaching Techniques	30 Days ; 2 Days; 31 Oct, 2023 (MOOC) 1-	ICAR-NAARM, Hyderabad
Agricultural Statistics in Practice	6 Week AgMOOC; July-Aug 31, 2023	IIT-Kanpur and Commonwealth of Learning, Canada
Academia-Industry Interaction Program	1 day; 7 th feb 2023	LIKES Centre, PGIVER, Jaipur
<i>Refresher Training Course for GLP Inspectors"</i>	2 Days ; 18-19 Jan, 2023	Department of Science and Technology, Government of India, New Delhi
<i>Management of Metabolic and Production Disorders in Cattle</i>	6 Week AgMOOC; 26 July 2022	Dir. Of Extension Education, TANUVAS, Chennai, IIT-Kanpur and Commonwealth of Learning, Canada

5 th Training Course for GLP Inspectors”	5 Days ; 23-27 May 2022.	Department of Science and Technology, Government of India, New Delhi
<i>Fluid Therapy and Management of Clinical Syndrome in Ruminants and Small Animals”</i>	6 Week AgMOOC; 10 May 2022	TANUVAS, Chennai, IIT-Kanpur and Commonwealth of Learning, Canada
National Training Program for Faculty Development	7 Day ; 4 th -11 th February 2022	ICAR-NAARM, Hyderabad
Recent Advances in Disease Diagnosis and Vaccines”	21-Days Online; 27 th July to 16 th August 2021	Department of Veterinary Microbiology, College of Veterinary Science & A.H., N.D.V.S.U., Jabalpur from
Basic Molecular Biology Module 4: PCR and Real-Time PCR”	9 th April 2021; Online	Division of laboratory Systems, Centres for Disease Control and Prevention (CDC), Atlanta (USA)
Advances in Clinico-Pathological Diagnosis of Farm Animal Diseases: A Radical Approach in Doubling Farmers Income	21-Day Online; 5th to 25th Feb 2021	College of Veterinary Science and Animal Husbandry, Jabalpur, M. P.
Physio-Biochemical and Biotechnological Approaches for Optimization of Health and Reproduction in Animals”	21-Day Online; 01-21 December, 2020	College of Veterinary Science and Animal Husbandry, Mhow, M. P. from
“Diagnostic Cytology”	5-Day Online; 19-23 October 2020	Dept of Vety. Pathology, GADVASU Ludhiana from.
Startup Support, Innovation Management and Entrepreneurship Development in Educational Institutions”	5-Day FDP; 14-18 September, 2020	GUSEC, Gujarat University
Role of Regulatory Toxicology and Good Laboratory Practices (GLP) in Drug Discovery and Development	2-Day National Workshop; 27-28 th August 2020	NIPER, Hyderabad
Training Course on Laboratory Quality Management Systems & Internal Audits as per ISO/IEC 17025:2017	4 Days (30 July – 02 Aug 2019)	Indian Institute of Quality Management , ETDC, Malviya Nagar, Jaipur (Raj.), India
Workshop cum Orientation Program on “Strengthening Inter-Sectoral Coordination for Prevention and Control of Zoonotic Diseases”	1 Day (18 Sept 2019)	ICAR- National Research Centre on Equines (NRCE), Hisar (Haryana), India
21-Day Orientation Training Program on “Teaching Methodology”	21 days (28 Mar-17 Apr 2019)	RAJUVAS , Bikaner (Raj.), India

Training Program for Nominees of CPCSEA	2 Days (17-18 Jan 2019)	CPCSEA, Ministry of Environment and Forest, Gol, Jor Bagh, New Delhi
ICAR 21-day Summer School ON Stress and Welfare: Concepts and Strategies for Addressing Current Challenges in Poultry Production	21 Days (6-26 Sept 2017)	ICAR-Central Avian Research Institute (CARI) , Izatnagar, Bareilly (UP), India
Training on E-Procurement Software (GePNIC)	29 June 2017	RajCOMP Info Services Ltd. (A Govt. of Rajasthan Undertaking), Yojna Bhawan, Jaipur (Raj.) India
National Workshop cum Training Program on ' NGS Data Analysis in Cancer Genomics '	16 Jan 2016	Birla Institute of Scientific Research , Jaipur
Frontier Approaches in Diagnosis & Control of Animal Viral Diseases with QA & QC of Veterinary Biologicals	10-19 Nov 2014	ICAR Short Course at Indian Veterinary Research Institute (IVRI) , Izatnagar, Bareilly (UP), India
International Biosafety Awareness Program and Workshop on Culture of Responsibility	11 Jan 2014	HSADL, IVRI, Bhopal (M.P.) and American Society of Microbiology
Training Course for Study Directors of GLP Test Facilities	17-19 Nov 2012	National GLP Compliance Monitoring Authority (NGCMA) DST , Goi, New Delhi
Genetic Quality Assessment of Laboratory Rodents through laboratory techniques	29 Nov-01 Dec 2012	Advanced Centre for Treatment, Research & Education on Cancer (ACTREC) , Kharghar, Navi Mumbai, India
Principles of GLP: Present and Future (Good Laboratory Practices in Pre-Clinical Safety Studies)	13-15 Apr 2012	National Institute of Pharmaceutical Education & Research (NIPER) , S.A.S. Nagar (Mohali), India
Lab Animal Symposium & Demonstrative Rodent Technique Workshop	14-15 Nov 2011	Syngene & Bristol-Myers Squibb , Biocon Park, Bangalore (India)
Workshop on Toxicologic Pathology	4-9 Oct 2011	Indian Association of Veterinary Pathologists / ICVP, TANUVAS, Chennai (India)
Pre-Clinical Animal Studies & Lab Animal Management	3-22 Dec' 2007	NCLAS & FDTRC National Institute of Nutrition (ICMR) , Hyderabad (India)
Ancillary Techniques in Anatomic Pathology (Digital & Confocal imaging and laser micro-dissection)	24-25 Nov 2007	Dept. of Histopathology Postgraduate Institute of Medical Education & Research (PGIMER) , Chandigarh, India

2.3 AWARDS AND DISTINCTIONS DURING EDUCATIONAL CAREER

<p>University Gold Medal for 1st Merit position in B.V.Sc & A.H. Degree program (2003).</p>
<p>Basketball Championship Gold Medal in All-India Inter-Agriculture University Tournament, 2001</p>
<p>University RAJUVAS Felicitation AWARD in recognition of “Getting New Extra-Mural Funded Project as Co-PI in RKVY Project on Centre for Diagnosis, Surveillance and Response to Zoonotic Diseases” on Independence Day Function at Rajasthan University of Veterinary and Animal Sciences (RAJUVAS), Bikaner (15th Aug 2016).</p>
<p>University Felicitation and Vice-Chancellor’s Nomination Award for ‘Excellent Performance’ on Republic Day Function by Rajasthan University of Veterinary and Animal Sciences (RAJUVAS), Bikaner (26th Jan 2018).</p>
<p>BEST POSTER AWARD in Session: Goat Health at ASIAN Regional Conference on Goats (ARCG-2018) held on 22-26 Oct 2018, at AMITY University, Jaipur (Rajasthan), India (Title: <i>Insights into the Molecular Evolution of PPR Virus – BY A. Galav, Vikas Galav, S. Khan, and N.K. Nogia</i>).</p>
<p>BEST POSTER AWARD in Session: Climate Change at ASIAN Regional Conference on Goats (ARCG-2018) held on 22-26 Oct 2018, at AMITY University, Jaipur (Rajasthan), India (Title: <i>Comparative Aetio-Pathological Investigations into Bronchopneumonia in Sheep and Goats, And Determination of Antibiotic Sensitivity – BY S. Khan, Tiwari R.K., Vikas Galav*, S. K. Sharma, N. K. Nogia, S. Dariya and R. Dadhich</i>).</p>
<p>BEST ORAL PRESENTATION AWARD in Session-III: Animal Health Management at International Seminar on Recent Trends and Experimental Approaches in Science, Technology, Management and Nature (Chapter-2) organized by Society For Science and Nature (SFSN) and held on 23-24 Dec 2018, at FDDI, Mandore, Jodhpur (Rajasthan), India (Title: <i>Histopathological and Bacteriological Investigations of Lung Inflammation in Sheep- BY Vikas Galav*, R.K. Tiwari, S.K. Sharma, M. Agrawal and R. Dadhich</i>).</p>
<p>BEST SCIENTIST AWARD for Outstanding Contribution in Field of ‘Veterinary Pathology’ at International Seminar on Recent Trends and Experimental Approaches in Science, Technology, Management and Nature (Chapter-2) organized by Society For Science and Nature (SFSN) and held on 23-24 Dec 2018, at FDDI, Mandore, Jodhpur (Rajasthan), India.</p>
<p>University RAJUVAS Felicitation AWARD in recognition of being awarded ‘Best Scientist & Best Oral Presentation Award’ at Annual Conference of SFSN at Jodhpur on Independence Day Function (15th Aug 2019) by Rajasthan University of Veterinary and Animal Sciences (RAJUVAS), Bikaner</p>
<p>Institutional Felicitation on Independence Day Function by the DEAN, Post-Graduate Institute of Veterinary Education and Research, PGIVER), Jaipur (15th Aug 2021) in recognition of executing successful NABL accreditation of Milk Lab, AMTRL in capacity of Quality Manager.</p>
<p>University RAJUVAS Felicitation AWARD in recognition of being awarded for ‘Publishing research Article with NAAS rating more than 11’ on Independence Day Function (15th Aug 2022) by Rajasthan University of Veterinary and Animal Sciences (RAJUVAS), Bikaner</p>
<p>BEST ORAL PRESENTATION AWARD in Session-VIII: Field Veterinary at 2nd Veterinary and Animal Science Congress and National Symposium on Technological Interventions in Improving Animal Health and Productivity organized by Association of Animal Scientists, and held on 17-19th Feb 2024 at ACVM, Agra Road, Jamdoli, Jaipur (Rajasthan), India (Title: <i>A ten-year Retrospective Study of FMD Outbreak in Rajasthan - BY Vikas Galav* and Lenin Bhatt</i>).</p>
<p>BEST ORAL PRESENTATION AWARD in Session-VI: Wild Life at 2nd Veterinary and Animal Science Congress and National Symposium on Technological Interventions in Improving Animal Health and Productivity organized by Association of Animal Scientists, and held on 17-19th Feb 2024 at ACVM, Agra Road, Jamdoli, Jaipur (Rajasthan), India (Title: <i>The Anti-Microbial Resistance pattern of bacterial isolates from Indian Cobra (Naja naja) - BY Vikas Galav*, Alka Galav, Rakesh Kumar Chittora and Sandeep K Sharma</i>).</p>

BEST POSTER AWARD in *Session-VIII: Field Veterinary* at 2nd Veterinary and Animal Science Congress and National Symposium on Technological Interventions in Improving Animal Health and Productivity organized by Association of Animal Scientists, and held on 17-19th **Feb 2024** at ACVM, Agra Road, Jamdoli, Jaipur (Rajasthan), India (Title: *Malignant Melanoma in Khillari Bullock: A Case Follow-up Study – BY Rakesh Kumar Chittora, Vikas Galav^{*}, Lenin Bhatt and Sonu Sharma*

III. PROFESSIONAL EXPERIENCE

POSITIONS HELD

Post with pay scale	Organization	Period	Length	Nature of duties
Assistant Professor [PB Rs. 22920 (GP 6000/-)]	Raj. Univ. of Vety. Animal Sciences (RAJUVAS), Bikaner	22-July-2014 & Continuing	9 Yrs 6 Months	Teaching & Administration (UG, PG and PhD Teaching in veterinary Pathology)
Veterinary Officer [PB Rs. 18250 (GP 5400/-)]	University College of Medical Science (UCMS), (University of Delhi), Dilshad Garden, Delhi-95	27-Mar-2009 TO 21 July 2014	5 Yrs 3 Month 25 days	Administration & Research (Lab Animal House Management, Animal Research, Models etc.)
Veterinary Research Officer [CTC – Rs 20,000/-]	Panacea Biotec Limited, Drug Discovery Research Centre (DDRC), Mohali	March 2006 TO March 2009	3 Yrs	Research & Administration (Drug safety / toxicity studies, Pharmaco - kinetic study, ex-vivo studies and developing animal models)

** Specify whether Teaching, Research, Extension, Development or Administration.

3.2 EXPERIENCE GAINED (DURATION)

Nature	Main (Yrs)	As subsidiary (Yrs)	Total (Yrs)
Teaching	9 Yrs 6 Months	-	9 Yrs 8 month
Research	-	17 Yrs	17 Yrs
Extension Education	-	9 Yrs	9 Yrs
Development	9 Yrs	-	9 Yrs
Administration	-	17 Yrs	17 Yrs
Total	18 Yr 6 month	43	61 Yr 8 Month

3.5 NATURE OF EXPERIENCE

3.3.1 Teaching

<p>Text Book and Lab Manuals prepared</p>	<p>BOOKS PREPARED:</p> <ol style="list-style-type: none">1. Sharma, S., Singh N., Vikas Galav, Saini S. and Karnani M. (Jan 2020). <i>Conference Proceedings: A Compendium of Lead Papers</i>. (ISBN No. 978-93-5406-133-2). ISAPM 2020 Conference, PGIVER, Jaipur.2. Sharma, S.K., Vikas Galav, Agrawal, M. and Faridi, F.N., (1st Edn.) (Jan 2019). <i>Antimicrobial Resistance: Concepts, Methodologies and Strategies to Overcome</i> (ISBN No. 978-93-87590-95-3). Narendra Publishing House, New Delhi. (INDIA)3. Vikas Galav and Manish Agrawal (2018). HINDI- <i>Rajasthan Pashudhan Sahayak –Bharti Pariksha</i>. Published by Eduwings Publications, Jaipur, India (ISBN No: A/F)4. Vikas Galav and Alka Galav (Nov 2017). HINDI – “<i>Vyadhi Vigyan Hindi Shabdkosh</i>” (1st Edn.). Published by Bilwal Medchem and Research Laboratory Pvt Ltd., Jaipur, India (ISBN No: 978-81-933249-0-5)5. Vikas Galav, Deepak Sumbria and Alka Galav (Jan 2017). <i>Parasitological Techniques: A Guide for Field Vets</i>. Published by Bilwal Medchem and Research Laboratory Pvt Ltd., Jaipur, India (ISBN No: 978-81-933249-1-2). <p>BOOKS CHAPTERS PUBLISHED:</p> <ol style="list-style-type: none">1. K.B. Patel, Vikas Galav and S.G. Ramachandra (July 2021). Planning and Designing of Laboratory Animal Facilities: In P. Nagarajan, Ramachandra Gudde and Ramesh Srinivasan (Eds.) (1st Edn.) <i>Essentials of Laboratory Animal Science: Principles and Practices</i> (ISBN No. 978-981-16-0987-9 eBook). Springer Nature, Singapore: pp 53-84.2. Meena, S., Dadhich, R., Vikas Galav, Agarwal and Sharma, S.K. (Mar 2022). Diagnostic Cytopathology in Veterinary Medicine. In Sharma, SK, Joseph, B and Agarwal M (Eds.) <i>Training Compendium on “Techniques of Animal Disease Diagnosis and Control”</i> (ISBN No. 978-93-83662-83-8). PGIVER, Jaipur (under ASCAD), Jaipur, Rajasthan, (INDIA): pp 23-31.3. Agarwal, M., Vikas Galav, Meena, S. and Dadhich, R. (Mar 2022). A Recap of Post-Mortem Examination. In Sharma, SK, Joseph, B and Agarwal M (Eds.) <i>Training Compendium on “Techniques of Animal Disease Diagnosis and Control”</i> (ISBN No. 978-93-83662-83-8). PGIVER, Jaipur (under ASCAD), Jaipur, Rajasthan, (INDIA): pp 32-38.4. Vikas Galav, Agarwal, M., Meena, S. and Dadhich, R. (Mar 2022). Tissue Changes of No Clinical Significance. In Sharma, SK,
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Joseph, B and Agarwal M (Eds.) *Training Compendium on "Techniques of Animal Disease Diagnosis and Control"* (ISBN No. 978-93-83662-83-8). PGIVER, Jaipur (under ASCAD), Jaipur, Rajasthan, (INDIA): pp 32-38.

5. Galav, A., **Vikas Galav**, Sharma, S.K., and Agarwal, M. (Mar 2022). Fundamental Approach to Diagnosis of PPR. In Sharma, SK, Joseph, B and Agarwal M (Eds.) *Training Compendium on "Techniques of Animal Disease Diagnosis and Control"* (ISBN No. 978-93-83662-83-8). PGIVER, Jaipur (under ASCAD), Jaipur, Rajasthan, (INDIA): pp 32-38.
6. Faridi, F.N., Shukla, P., **Vikas Galav**, Sharma, S.K. (Jan 2019). Mechanism of Bacterial Resistance towards Antibiotics: In Sharma, S.K., Galav, V., Agrawal, M. and Faridi, F.N., (1st Edn.) *Antimicrobial Resistance: Concepts, Methodologies and Strategies to Overcome* (ISBN No. 978-93-87590-95-3). Narendra Publishing House, New Delhi. (INDIA): pp 76-86.
7. Sharma, S.K., Faridi, F.N., **Vikas Galav**, Rathore, G.S. (Jan 2019). Factors affecting Antimicrobial Resistance Phenomena: In Sharma, S.K., Galav, V., Agrawal, M. and Faridi, F.N., (1st Edn.) *Antimicrobial Resistance: Concepts, Methodologies and Strategies to Overcome* (ISBN No. 978-93-87590-95-3). Narendra Publishing House, New Delhi. (INDIA): pp 87-92.
8. **Vikas Galav**, Tiwari, R.K., Khan, S. and Faridi, F.N. (Jan 2019). Factors affecting Antimicrobial Susceptibility Testing: In Sharma, S.K., Galav, V., Agrawal, M. and Faridi, F.N., (1st Edn.) *Antimicrobial Resistance: Concepts, Methodologies and Strategies to Overcome* (ISBN No. 978-93-87590-95-3). Narendra Publishing House, New Delhi. (INDIA): pp 135-140.
9. Sharma, S.K., **Vikas Galav**, Galav, A. and Agrawal, M. (Jan 2019). Guidelines for Successful Antimicrobial Therapy for diseased Animals: In Sharma, S.K., Galav, V., Agrawal, M. and Faridi, F.N., (1st Edn.) *Antimicrobial Resistance: Concepts, Methodologies and Strategies to Overcome* (ISBN No. 978-93-87590-95-3). Narendra Publishing House, New Delhi. (INDIA): pp 141-147.
10. Faridi, F.N., Sharma, S.K. and **Vikas Galav** (Jan 2019). Strategies for Prevention and Control of Antimicrobial Resistance in Animals: In Sharma, S.K., Galav, V., Agrawal, M. and Faridi, F.N., (1st Edn.) *Antimicrobial Resistance: Concepts, Methodologies and Strategies to Overcome* (ISBN No. 978-93-87590-95-3). Narendra Publishing House, New Delhi. (INDIA): pp 168-174.

BOOKLETS PUBLISHED:

1. **Vikas Galav**, Sharma, S.K., Jeph, NK, Jyoti and Nagpal, A. (ICAR Winter School, Dec 2023). Practical manual on Diagnostic Techniques. RKVY-CDSRZ, PGIVER, Jaipur.
2. Booklet on "Epidemiology, Diagnosis and Control of Bovine Brucellosis-An Update" (ASCAD; Mar 2022).

LAB MANUALS PREPARED

1. **Vikas Galav**, Manish Agrawal, Sarjna Meena and Rohitash Dadhich (*Edn. Oct 2023*). *A Practical Manual of Veterinary Pathology – Part I* (MSVE 2016). Published by Post Graduate Institute of Veterinary Education and Research (RAJUVAS), Jamdoli, Jaipur (Raj.) India
2. **Vikas Galav**, Manish Agrawal, Sarjna Meena and Rohitash Dadhich (*Edn. Oct 2023*). *A Practical Manual of Veterinary Pathology – Part II* (MSVE 2016). Published by Post Graduate Institute of Veterinary Education and Research (RAJUVAS), Jamdoli, Jaipur (Raj.) India
3. **Vikas Galav**, Manish Agrawal, Sarjna Meena and Rohitash Dadhich (Mar 2018). *A Practical Manual of Aquatic Animal Diseases, Healthcare and Management (VPP-322)* (MSVE 2008). Published by Post Graduate Institute of Veterinary Education and Research (RAJUVAS), Jamdoli, Jaipur (Raj.) India
4. Manish Agrawal, **Vikas Galav**, Sarjna Meena and Rohitash Dadhich (Mar 2018). *A Practical Manual of Avian Pathology (VPP-321)* (MSVE 2008). Published by Post Graduate Institute of Veterinary Education and Research (RAJUVAS), Jamdoli, Jaipur (Raj.) India
5. Sarjna Meena, **Vikas Galav**, Manish Agrawal and Rohitash Dadhich (*Edn. Oct - 2017*). *A Practical Manual of Special Veterinary Pathology (VPP-311)*. Published by Post Graduate Institute of Veterinary Education and Research (RAJUVAS), Jamdoli, Jaipur (Raj.) India
6. Sarjna Meena, **Vikas Galav** and Manish Agrawal (Mar 2017). *A Practical Manual of Systemic Veterinary Pathology (VPP-221)*. Published by Post Graduate Institute of Veterinary Education and Research (RAJUVAS), Jamdoli, Jaipur (Raj.) India
7. **Vikas Galav** and Manish Agrawal (Oct 2016). *A Practical Manual of General Veterinary Pathology (VPP-211)*. Published by Post Graduate Institute of Veterinary Education and Research (RAJUVAS), Jamdoli, Jaipur (Raj.) India
8. **Vikas Galav**, Bhavana Rathore, Deepak Sumbria and Yogesh Kr Gupta (Sept 2016). *A Practical Manual of General Veterinary Parasitology and Helminthology*. Published by Post Graduate Institute of Veterinary Education and Research (RAJUVAS), Jamdoli, Jaipur (Raj.) India
9. **Vikas Galav**, Bhavana Rathore, Deepak Sumbria and Yogesh Kr Gupta (Sept 2016). *A Practical Manual of Veterinary Entomology and Acarology*. Published by Post Graduate Institute of Veterinary Education and Research (RAJUVAS), Jamdoli, Jaipur (Raj.) India
10. **Vikas Galav**, Bhavana Rathore, Deepak Sumbria and Yogesh Kr Gupta (Sept 2016). *A Practical Manual of Veterinary Protozoology*. Published by Post Graduate Institute of Veterinary

	Education and Research (RAJUVAS), Jamdoli, Jaipur (Raj.) India
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3.3.2 RESEARCH

3.3.2.1 DIRECT INVOLVEMENT IN RESEARCH PROJECTS

S. No	Project Title	Capacity in which associated	Funding Agency	Location	Duration
Projects at PGIVER, Jaipur					
1.	Centre for Diagnosis, Surveillance and Response to Zoonotic Diseases (CDSRZ - Fund Rs 825 Lakhs)	Co-PI	RKVY	PGIVER, Jaipur	5 Years
2.	Epidemiological Mapping of Antimicrobial Resistance" (EMAMR – Fund Rs. 210 Lakh)	Co-PI	RKVY	PGIVER, Jaipur	5 Years
3	Histopathological, Immunohistochemical and Molecular Studies on Canine Mammary Tumours in Jaipur	PhD	RAJUVAS	PGIVER, Jaipur	4 years
4.	Studies on Pathology of Experimentally induced Bovine Viral Diarrhoea (virus type 1) in Calves. (2003-2006)	MVSc	ICAR	High Security Animal Disease Lab (HSADL), Bhopal	1.5 Years
Projects (@ Central Animal House, UCMS, Delhi):-					
Project: Modulation and Effects of Post-prandial Hypertriglyceridemia on development of Insulin resistance, Glucose Intolerance and Type 2 Diabetes					
Project: Exposure to Heavy Metal Toxicity (Cadmium) during Lactation and its effects on learning and Memory Impairment in F-1 & F-2 generation Mice: Amelioration by Quercetin					
Project: Studying Effects of Cadmium Exposure on Oxidative Stress and Expression of Anti-Oxidant Enzymes in Mice Liver					
Project: Studies on Antiangiogenic Activity of Zinc and Zinc-Sorafenib combination using the Chick Chorioallantoic Membrane Assay					
Project: Anti-Inflammatory Effects and Toxicological Evaluation of Thymoquinone (Volatile Oil of Black Seed) on Adjuvant Induced Arthritis in Wistar Rats					
Project: Sub-Acute 28-Day Repeated Dose Toxicity Assessment of Thymoquinone in Wistar Rats.					

Projects @ Drug Discovery, Panacea Biotec Limited, Mohali:-	
I Project:	Development of Thigh Infection model of Methicillin resistant <i>Staphylococcus aureus</i> infection in NMRI mice (2007)
I Project:	Development of Acute Peritonitis model of Methicillin resistant <i>Staphylococcus aureus</i> infection in Swiss Albino mice and Wistar Rat (2007).
I Project:	Development and Characterization of experimental model of High Fat Diet Streptozotocin induced Diabetes Type-II in C57BL/6J mice (2007-08)
I Project:	Development of Myelosuppression analysis model for evaluating Bone Marrow Safety of New Chemical Entity(s) (2008-09)
I Project:	14-day and 28 day Repeated Dose Toxicity Study of New Chemical Entity(s) as per OECD/ICH Guidelines (2008-09)

3.3.2.2 MAJOR CONTRIBUTIONS

(List your Significant Contributions / Research Result / Inventions / Discoveries)

National Observer with “National GLP Compliance Monitoring Authority-NGCMA, DST, Govt of India” for GLP quality inspections of pharmaceutical industries. Streamlined and guided more than 5 reputed industries to reach GLP certification level quality systems in preclinical drug research.
Main CCSEA Nominee to more than 50 institutes of national and international importance for regulating and monitoring lab animal based preclinical regulatory as well as exploratory studies.
Genetic Characterization of field PPR virus strain from Rajasthan State (DST)
Histopathological Typing and Prognostic Markers of Superficial Neoplastic Growths of Dogs in Jaipur (RAJUVAS)
Cadmium Exposure in Lactation causing Learning and Memory Impairment in F-1 generation Mice (DCT) (DST-ICMR)
Post-prandial Hypertriglyceridemia predicts development of Insulin resistance, Glucose Intolerance and Type 2 Diabetes (PLoS) (with ICMR)

3.3.2.3 RESEARCH REPORTS / PUBLICATION

(Enclose the list with complete details)

PEER-REVIEWED PUBLICATIONS:

1. S. Kaur, A Kumari, AK Negi, **Vikas Galav**, S Thakur, M Agrawal and V Sharma (2021). Nanotechnology Based Approaches in Phage Therapy: Overcoming the Pharmacological Barriers. **Frontiers in Pharmacology**. 12:699054. (<https://doi.org/10.3389/fphar.2021.699054>).
2. Meena DS, Sharma L, Bishnoi J, Soni M, Jeph NK, **Vikas Galav**, Sharma SK (2023). Serological and molecular prevalence of *Brucella* spp. among livestock species in

Rajasthan, India. **Frontiers in Veterinary Sciences**, 17(10). doi: 10.3389/fvets.2023.1157211.

3. **Vikas Galav** , Sharma SK, Galav A, Agrawal M, Sharma PC and Dadhich R. (2023). Expression Of Steroid Hormone Receptors (ER And PR) In Early Stage Canine Mammary Tumours, *Veterinary Practitioner*, **24**(1): pp 160-163
4. S Dariya, R Dadhich, K Jaidiya, S Meena, **Vikas Galav** and M Agrawal (May 2023). Prevalence and pathomorphology of circulatory disturbances in goat lung. *The Pharma Innovation Journal*, SP-**12**(7):1002-04.
5. S Dariya, SK Bishnoi, K Jaidiya, R Dadhich, S Meena, **Vikas Galav** and M Agrawal (May 2023). Occurrence and histopathology of pulmonary parasitic infection in goats. *The Pharma Innovation Journal* SP-**12**(7):2780-81.
6. S Dariya, SK Bishnoi, Rashmi, R. Dadhich, S. Meena, **Vikas Galav** and M Agrawal (May 2023). Occurrence and Histopathology of Various types of Pneumonia in Goat in Jaipur. *The Pharma Innovation Journal* SP-**12**(7):2588-93
7. **Vikas Galav**, Galav, A., and Sharma, S.K. (2022). Isolation and Antibiotic Sensitivity Profiling of *Escherichia coli* and *Klebsiella* spp. isolates from Pneumonic Lungs of Sheep and Goats. *Ruminant Science*. **11**(1): 243-250.
8. M. Aslam, SV Madhu, KK Sharma, AK Sharma, **Vikas Galav** (2021). Hyperleptinaemia and its Association with Postprandial Hypertriglyceridemia and Glucose Intolerance. *Indian Journal of Endocrinology and Metabolism*, (Sept-Oct 2021) **25**:443-449.
9. RK Tiwari, **Vikas Galav**, SK Sharma, S Marodia, B Kumar and M Agrawal (Jan 2021): Occurrence and Aetio-Pathological Study on Interstitial Pneumonia of Sheep (*Ovis aries*). **Journal of Entomology and Zoology Studies**, Vol. **9** (1): 1258-1261.
10. RK Chittora, AS Jadhav, NC Upreti, **Vikas Galav** and B Baviskar (Jan 2021): Occurrence of *Porocephalus crotali* in Lung Tissue of an Indian Rat Snake (*Ptyas mucosa*): A Case Report. **Journal of Entomology and Zoology Studies**, Vol. **9** (1): 1478-1480.
11. Chittora, R.K., Sundaram, A.S., **Galav Vikas**, Bhaviskar, B., Arun Kumar, S. and Vishnu, D.V. (Apr 2020). Prevalence of Ectoparasites in rescued Snakes at Solapur District Maharashtra. **International Journal of Science, Environment and Technology**, 9(2): 180-188.
12. Brajesh Kumar, Agrawal, M., **Vikas Galav**, Sharma S.K., Tiwari, R.K., Marodia, S. and Dadhich, R. (June 2020). Occurrence and Pathology of Pyelonephritis in Buffalo Kidneys. **Journal of Entomology and Zoology Studies**, **8** (3):1800-1802.
13. S Marodia, S Meena, SK Sharma, **Vikas Galav**, M Agrawal, RK Tiwari and B Kumar (Jan 2020). Determination of Prevalence and Zoonotic Potential of *Escherichia coli* isolates obtained from Pathological Lesions of Sheep. **The Pharma Innovation Journal**, 9(2):69-71.
14. RK Tiwari, **Vikas Galav**, Sharma S.K., Galav, A., Kumar, B., Khan, S., Marodia, S. and Agrawal, M. (Dec 2019). Aetio-Pathology of Bronchopneumonia in Sheep (*Ovis aries*). **Ruminant Science**, **8**(2):217-220.
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16. Galav Alka, Maherchandani, S., **Vikas Galav** and Kashyap S.K. (Dec 2018). Identification, Genetic Characterization and Phylodynamics of PPR Virus from Goat Herds of Bandikui, India. **Ruminant Science**, **7**(2):289-296.

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19. Galav, A., **Vikas Galav**, Maherchandani, S., Kashyap, S.K. and Dalal, S. (Jun 2018). *Evolution of Avian Influenza and Public Health*. **Veterinary Practitioner**, 19(1):162-164.
20. **Vikas Galav**, Galav, A., Dalal, S., Tiwari R.K. and Sonowal, D. (Dec 2017). *Trichoblastoma in a Dog: A Case Report*. **Veterinary Practitioner**, 18 (2): 211.
21. Sandeep K. Sharma, **Vikas Galav**, Manish Agrawal, Farah Naz Faridi and Brajesh Kumar (Aug 2017). *Multi-Drug Resistance Pattern of Bacterial Flora obtained from Necropsy Samples of Poultry*. **Journal of Animal Health and Production**, 5(4):165-171.
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23. Aslam, M., S. Agarwal, Krishna Kumar Sharma, **Galav Vikas** and S.V. Madhu (Jan 2016). *Post-prandial Hypertriglyceridemia predicts development of Insulin resistance, Glucose Intolerance and Type 2 Diabetes*. **PLoS ONE**, 11(1), E0145730.
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27. Alam, M. and **Galav Vikas** (Dec 2013). *Anti-Inflammatory Effects and Toxicological Evaluation of Thymoquinone (Volatile Oil of Black Seed) on Adjuvant Induced Arthritis in Wistar Rats*. **Indian Journal of Life Sciences**, 2(2):17-22.
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29. **Galav Vikas**, Shrivastav AB, Nagar, D. and Katiyar AK (2010). *Foreign Body Proventriculitis in a Peacock (Pavo cristatus)*. **Zoo's Print** (web version) XXV (9): 43-44.
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32. **Galav Vikas**, Mishra, N., Dubey, R., Rajukumar, K., Pitale, S.S., Shrivastav, A.B. and Pradhan, H.K. (2007). *Pathogenicity of Indian isolate of Bovine Viral Diarrhoea Virus 1b in Experimentally Infected Calves*. **Research in Veterinary Science** (Elsevier), 83(3): 364-68.
33. **Galav, V.**, Alka and Singh, A.P. (2005). Hyperlipidaemia in Donkeys. *Veterinary Practitioner*, 6(1):37-38.
34. **Galav, V.**, Alka and Singh, A.P. (2004). Urinary Incontinence in Bitches: Principal causes and treatment. *Veterinary Practitioner*, 5(2):147-149.
35. Alka and **Galav, V.**, (2006) RNA Interference, *Veterinary Practitioner*, 6(1): 184-187.

BOOKS PUBLISHED:

1. Sharma, S., Singh N., **Vikas Galav**, Saini S. and Karnani M. (Jan 2020). *Conference Proceedings: A Compendium of Lead Papers*. (ISBN No. A/F). ISAPM 2020 Conference, PGIVER, Jaipur.
2. Sharma, S.K., **Vikas Galav**, Agrawal, M. and Faridi, F.N., (Jan 2019; 1st Edn.) *Antimicrobial Resistance: Concepts, Methodologies and Strategies to Overcome* (ISBN No. 978-93-87590-95-3). Narendra Publishing House, New Delhi. (INDIA).
3. **Vikas Galav** and Manish Agrawal (2018). HINDI- *Rajasthan Pashudhan Sahayak –Bharti Pariksha*. Published by Eduwings Publications, Jaipur, India (ISBN No: A/F)
4. **Vikas Galav** and Alka Galav (Nov 2017). HINDI – “*Vyadhi Vigyan Hindi Shabdkosh*” (1st Edn.). Published by Bilwal Medchem and Research Laboratory Pvt Ltd., Jaipur, India (ISBN No: 978-81-933249-0-5)
5. **Vikas Galav**, Deepak Sumbria and Alka Galav (Jan 2017). *Parasitological Techniques: A Guide for Field Vets*. Published by Bilwal Medchem and Research Laboratory Pvt Ltd., Jaipur, India (ISBN No: 978-81-933249-1-2).

BOOKLETS PUBLISHED:

1. **Vikas Galav**, Sharma, S.K., Jeph, NK, Jyoti and Nagpal, A. (ICAR Winter School, Dec 2023). *Practical Manual on Diagnostic Techniques*. RKVY-CDSRZ, PGIVER, Jaipur.
2. Booklet on “*Epidemiology, Diagnosis and Control of Bovine Brucellosis-An Update*” (ASCAD; Mar 2022).

BOOK CHAPTERS PUBLISHED:

1. K.B. Patel, **Vikas Galav** and S.G. Ramachandra (July 2021). Planning and Designing of Laboratory Animal Facilities: In P. Nagarajan, Ramachandra Gudde and Ramesh Srinivasan (Eds.) (1st Edn.) *Essentials of Laboratory Animal Science: Principles and Practices* (ISBN No. 978-981-16-0987-9 eBook). Springer Nature, Singapore: pp 53-84.

2. Meena, S., Dadhich, R., **Vikas Galav**, Agarwal and Sharma, S.K. (Mar 2022). Diagnostic Cytopathology in Veterinary Medicine. In *Sharma, SK, Joseph, B and Agarwal M (Eds.) Training Compendium on "Techniques of Animal Disease Diagnosis and Control"* (ISBN No. 978-93-83662-83-8). PGIVER, Jaipur (under ASCAD), Jaipur, Rajasthan, (INDIA): pp 23-31.
3. Agarwal, M., **Vikas Galav**, Meena, S. and Dadhich, R. (Mar 2022). A Recap of Post-Mortem Examination. In *Sharma, SK, Joseph, B and Agarwal M (Eds.) Training Compendium on "Techniques of Animal Disease Diagnosis and Control"* (ISBN No. 978-93-83662-83-8). PGIVER, Jaipur (under ASCAD), Jaipur, Rajasthan, (INDIA): pp 32-38.
4. **Vikas Galav**, Agarwal, M., Meena, S. and Dadhich, R. (Mar 2022). Tissue Changes of No Clinical Significance. In *Sharma, SK, Joseph, B and Agarwal M (Eds.) Training Compendium on "Techniques of Animal Disease Diagnosis and Control"* (ISBN No. 978-93-83662-83-8). PGIVER, Jaipur (under ASCAD), Jaipur, Rajasthan, (INDIA): pp 32-38.
5. Galav, A., **Vikas Galav**, Sharma, S.K., and Agarwal, M. (Mar 2022). Fundamental Approach to Diagnosis of PPR. In *Sharma, SK, Joseph, B and Agarwal M (Eds.) Training Compendium on "Techniques of Animal Disease Diagnosis and Control"* (ISBN No. 978-93-83662-83-8). PGIVER, Jaipur (under ASCAD), Jaipur, Rajasthan, (INDIA): pp 32-38.
6. Faridi, F.N., Shukla, P., **Vikas Galav**, Sharma, S.K. (Jan 2019). Mechanism of Bacterial Resistance towards Antibiotics: In *Sharma, S.K., Galav, V., Agrawal, M. and Faridi, F.N., (1st Edn.) Antimicrobial Resistance: Concepts, Methodologies and Strategies to Overcome* (ISBN No. 978-93-87590-95-3). Narendra Publishing House, New Delhi. (INDIA): pp 76-86.
7. Sharma, S.K., Faridi, F.N., **Vikas Galav**, Rathore, G.S. (Jan 2019). Factors affecting Antimicrobial Resistance Phenomena: In *Sharma, S.K., Galav, V., Agrawal, M. and Faridi, F.N., (1st Edn.) Antimicrobial Resistance: Concepts, Methodologies and Strategies to Overcome* (ISBN No. 978-93-87590-95-3). Narendra Publishing House, New Delhi. (INDIA): pp 87-92.
8. **Vikas Galav**, Tiwari, R.K., Khan, S. and Faridi, F.N. (Jan 2019). Factors affecting Antimicrobial Susceptibility Testing: In *Sharma, S.K., Galav, V., Agrawal, M. and Faridi, F.N., (1st Edn.) Antimicrobial Resistance: Concepts, Methodologies and Strategies to Overcome* (ISBN No. 978-93-87590-95-3). Narendra Publishing House, New Delhi. (INDIA): pp 135-140.
9. Sharma, S.K., **Vikas Galav**, Galav, A. and Agrawal, M. (Jan 2019). Guidelines for Successful Antimicrobial Therapy for diseased Animals: In *Sharma, S.K., Galav, V., Agrawal, M. and Faridi, F.N., (1st Edn.) Antimicrobial Resistance: Concepts, Methodologies and Strategies to Overcome* (ISBN No. 978-93-87590-95-3). Narendra Publishing House, New Delhi. (INDIA): pp 141-147.
10. Faridi, F.N., Sharma, S.K. and **Vikas Galav** (Jan 2019). Strategies for Prevention and Control of Antimicrobial Resistance in Animals: In *Sharma, S.K., Galav, V., Agrawal, M. and Faridi, F.N., (1st Edn.) Antimicrobial Resistance: Concepts, Methodologies and Strategies to Overcome* (ISBN No. 978-93-87590-95-3). Narendra Publishing House, New Delhi. (INDIA): pp 168-174.

LEAD PAPERS / INVITED PAPERS / EXPERT TALK / Session Chairs-Cochairs:

1. **Vikas Galav** (2024). Histopathological, Immunohistochemical and Molecular Studies on Canine Mammary Tumours Presented at 2nd Veterinary and Animal Science Congress and National Symposium on Technological Interventions in Improving Animal Health and Productivity organized by Association of Animal Scientists, and held on 17-19th **Feb 2024** at ACVM, Agra Road, Jamdoli, Jaipur (Rajasthan), India (Lead Presentation).
2. **Vikas Galav** (2019). *Recent Advances and Future Prospects in Immunology (2019)*. Presented as Distinguished Resource Person at International Day of Immunology- Technical Session held on 3rd May 2019 at AMITY University, Jaipur (Rajasthan) India.
3. **Vikas Galav** (2017). *Use of Research Animals for Environment, Health and Safety Assessment of NCEs : A Regulatory Perspective (2017)*. Presented at 21-Day - Refresher Course held on Dec 2017 at Dept of Zoology, Rajasthan University, JLN Marg, Jaipur (Rajasthan) India
4. **Vikas Galav** (2017). *Designing and Critical Components in Lab Animal Facilities (2017)*. Presented at One Day Symposium on Regulations and Management of Laboratory Animal Research held on 2 Sept 2017 at Department of Zoology, IIS University, Mansarovar, Jaipur (Rajasthan) India
5. **Vikas Galav** (2017). *Regulatory Framework of Animal Research in India and Importance of Record Keeping (2017)*. Presented at One Day Symposium on “Regulations and Management of Laboratory Animal Research held on 2 Sept 2017 at Department of Zoology, IIS University, Mansarovar, Jaipur (Rajasthan) India
6. **Vikas Galav** (2017). Role of Vets and Paravets under PPR-CP specially in field conditions (2017). Presented at 2-Day Workshop by Additional Director (Range), Animal Husbandry Department, KOTA held on 1st Feb 2017 at DST, DCM Road, Kota (Rajasthan) India
7. Acted as **Co-Chairman** for Technical Session: One Health Approach and COVID Pandemic **at** International Conference on **Advances in Veterinary Pathology for Diagnosis and Control of Emerging and Re-emerging Diseases of Livestock, Wild Animals and Poultry** and XXXIII Annual Conference of IAVP held on **17-19 Dec 2021**, at Dept of Veterinary Pathology, CVAS, RAJUVAS, Bikaner (Rajasthan), India.
8. Acted as **Co-Chairman** for Technical Session XI: *Molecular Pathology and Oncology* at International Conference on Emerging Horizons in Diagnosis of Animal and Poultry Diseases – Towards Sustainable Production in Asian Countries and XXXIV Annual Conference of IAVP, Asian Veterinary Pathology Congress 2017, held on **9-11 Nov 2017**, at Dept of Veterinary Pathology, Veterinary College, Hebbal, Bangalore, (Karnataka), India.
9. Acted as **Rapporteur** for Technical Session-VII at the 4th Central Zonal Conference of IAVP and National Symposium on *Livestock Diseases and their impact on Sustainable Production*” held on **05-06 Oct 2021**, at Dept of Veterinary Pathology, Veterinary College, NDVSU, Rewa (M.P.), India.
10. Acted as **Rapporteur** for Technical Session during International Webinar on “Covid-19: where to go from here to deal with Zoonoses” organized by RKVY-CDSRZ, PGIVER, Jaipur on 6th July 2021.

11. Acted as **Rapporteur** for Technical Session Small Animal Oncology at the National Symposium on Recent Advances in Veterinary Pathology & Disease Diagnosis for Sustainable Livestock & Poultry Production and XXXV Annual Conference of IAVP (Session: Farm Animal Pathology) held on **22-24 Oct 2018**, at Dept of Veterinary Pathology, Veterinary College of Vety. Sc and AH, SDAU, Sardarkrushinagar, (Gujarat), India.
12. Acted as **Expert** for Technical Panel Discussion for 3rd National Conference of Consortium Against Rabies (CARCON 2013),– organized by UCMS & GTB Hospital, University of Delhi, Delhi from RKVY-CDSRZ, PGIVER, Jaipur on 20th April 2013.
13. Acted as **Co-Chairman** for Technical Session II Lead/Oral Presentations: Basic Sciences AT 2nd Veterinary and Animal Science Congress and National Symposium on Technological Interventions in Improving Animal Health and Productivity organized by Association of Animal Scientists, and held on 17-19th **Feb 2024** at ACVM, Agra Road, Jamdoli, Jaipur (Rajasthan), India.

RADIO TALK:

1. Participated as Technical Expert in **RADIO-TALK** show on **AIR Akaashwani-Bikaner** program “**Dhiney ree Baatya**” on the topic “*Bhed-Bakriyo main Pramukh Rog, unkey lakshan, bachaav va Upchar*” (5:30 pm on 11th April 2019) - **Dr. Vikas Galav**.

TELEVISION TALK:

1. Presented a Talk cum Discussion as Veterinary Expert on **DD-Rajasthan (Hindi)** in its LIVE program “**Krishi Darshan**” on the topic “*Barsaat main Pashuo main hone waley pramukg rog: lakshan aiwam bachaav*” (5:30 pm on 26th Aug 2021) - **Dr. Vikas Galav**
2. Presented a Talk cum Discussion as Veterinary Expert on **DD-Rajasthan (Hindi)** in its LIVE program “**Krishi Darshan**” on the topic “*Pashuo main Sankramak Rog aiwam Rokdhaam*” (5:30 pm on 20th Nov 2020) - **Dr. Vikas Galav**
3. Presented a Talk cum Discussion as Veterinary Expert on **DD-Rajasthan (Hindi)** in its LIVE program “**Choupal**” on the topic “*Pashuo se Manushyo main honey waali Bimariya aur Bachav*” (4:30 pm on 2nd July 2019) - **Dr. Vikas Galav**.

VETTING OF PROJECT / RESEARCH REPORTS

- Vetting of Report submitted to CCRAS, Ministry of AYUSH, Govt of India, on its Intra-Mural Project titled “Exploratory Evaluation of Hepatoprotective Activity of Aarogyavardhini Vati in Experimental Animal Models” 16th Feb 2016.

PAPER / ORAL PRESENTATIONS IN CONFERENCES / SYMPOSIUMS:

1. **Vikas Galav**, Manish Agrawal and Rohitash Dadhich (2024). **Histopathological, Immunohistochemical and Molecular Studies on Canine Mammary Tumours** Presented at 2nd Veterinary and Animal Science Congress and National Symposium on Technological Interventions in Improving Animal Health and Productivity organized by Association of Animal Scientists, and held on 17-19th **Feb 2024** at ACVM, Agra Road, Jamdoli, Jaipur (Rajasthan), India (ORAL Presentation).

2. **Vikas Galav**, Alka Galav, Rakesh Kumar Chittora and Sandeep K Sharma (2024). **The Anti-Microbial Resistance pattern of bacterial isolates from Indian Cobra (*Naja naja*)** Presented at 2nd Veterinary and Animal Science Congress and National Symposium on Technological Interventions in Improving Animal Health and Productivity organized by Association of Animal Scientists, and held on 17-19th Feb 2024 at ACVM, Agra Road, Jamdoli, Jaipur (Rajasthan), India (ORAL Presentation).
3. **Vikas Galav**, and Lenin Bhatt (2024). **The A Ten-Year Retrospective Study of FMD Outbreak in Rajasthan** Presented at 2nd Veterinary and Animal Science Congress and National Symposium on Technological Interventions in Improving Animal Health and Productivity organized by Association of Animal Scientists, and held on 17-19th Feb 2024 at ACVM, Agra Road, Jamdoli, Jaipur (Rajasthan), India (ORAL Presentation).
4. **Vikas Galav**, S. Khan, S.K. Sharma, D.S. Meena and R. Dadhich (2021). **Studies on the Incidence and Histological Typing of Canine Mammary Tumours in Jaipur (Rajasthan)** Presented at International Symposium on *Advances in Veterinary Pathology for Diagnosis and Control of Emerging and re-emerging Diseases of Livestock, Wild Animals and Poultry.* and XXXVIII Annual Conference of IAVP (Session: Farm Animal Pathology) held on 17-19th Dec 2021, Dept of Veterinary Pathology, CVAS, (RAJUVAS), Bikaner (Rajasthan), India (ORAL Presentation).
5. **Galav Vikas**, Anwar Suhel, Tiwari, R.K., Khan S., Nogia, N.K., Agrawal M. and Dadhich R. (2018). **Squamous Cell Carcinoma in Foot Pad of Camel: A Case Report.** Presented at National Symposium on *Recent Advances in Veterinary Pathology & Disease Diagnosis for Sustainable Livestock & Poultry Production* and XXXV Annual Conference of IAVP (Session: Oncology) held on 22-24 Oct 2018, Dept of Veterinary Pathology, Veterinary College of Vety. Sc and AH, SDAU, Sardarkrushinagar, (Gujarat), India (ORAL Presentation).
6. Tiwari R.K., **Galav Vikas**, Khan S., Sharma S.K., Nogia N.K., Agrawal M. and Dadhich R (2018). **Pattern of Lung Lesions in Ovine Bronchopneumonia associated with Bacterial Infection.** Presented at National Symposium on *Recent Advances in Veterinary Pathology & Disease Diagnosis for Sustainable Livestock & Poultry Production* and XXXV Annual Conference of IAVP (Session: Farm Animal Pathology) held on 22-24 Oct 2018, Dept of Veterinary Pathology, Veterinary College of Vety. Sc and AH, SDAU, Sardarkrushinagar, (Gujarat), India (ORAL Presentation).
7. **Galav Vikas**, Sharma S.K., Faridi F.N., Khan S. and Agrawal M. (2018). **Mapping Pathogenic Staphylococcus spp.: Evaluating Antibiotic Resistance and MAR Index.** Presented at National Symposium on *Recent Advances in Veterinary Pathology & Disease Diagnosis for Sustainable Livestock & Poultry Production* and XXXV Annual Conference of IAVP (Session: Farm Animal Pathology) held on 22-24 Oct 2018, Dept of Veterinary Pathology, Veterinary College of Vety. Sc and AH, SDAU, Sardarkrushinagar, (Gujarat), India (ORAL Presentation).
8. **Galav Vikas**, S. K. Sharma, M. Agarwal, R.K. Tiwari and B. Kumar (2017). **Pattern of Lung Lesions in Escherichia coli and Klebsiella spp. associated Caprine Pneumonia.** Presented at International Conference on Emerging Horizons in Diagnosis of Animal and Poultry Diseases – Towards Sustainable Production in Asian Countries and XXXIV Annual Conference of IAVP, Asian Veterinary Pathology

- Congress 2017, held on 9-11 Nov 2017, Dept of Veterinary Pathology, Veterinary College, Hebbal, Bangalore, (Karnataka), India (ORAL Presentation)
9. **Galav Vikas**, Goyal, V., Agarwal M and Galav A (2016). **A Case Report of Spina Bifida in a Rabbit (*Oryctolagus cuniculi*)**. Presented at XXXIII Annual Conference of IAVP and National Symposium on Innovative Approaches for Diagnosis and Control of Emerging and Re-emerging Diseases of Livestock, Poultry and Fish, 9-11 Nov 2016, Dept of Veterinary Pathology, CoVSc&AH, CGKV, Anjora, Durg (C.G) India
 10. Tiwari R, Marodia S, Meena S, Galav A and **Galav Vikas** (2016). **Forensic Investigation of Fire Arm Deaths**. Presented At National Conference on New Horizons of Veterinary and Medical Forensic Medicine (Pg 70), 5-6 Mar 2016, Dept of Clinical Vety Medicine, Ethics and Jurisprudence, CVAS, RAJUVAS, Bikaner (Raj.) India
 11. Marodia S, Tiwari R, Sharma S, Galav A and **Galav Vikas** (2016). **Dating of Bruises: A New Tool in Forensic Pathology**. Presented At National Conference on New Horizons of Veterinary and Medical Forensic Medicine (Pg 70), 5-6 Mar 2016, Dept of Clinical Vety Medicine, Ethics and Jurisprudence, CVAS, RAJUVAS, Bikaner (Raj.) India.

POSTER PRESENTATIONS IN CONFERENCES / SYMPOSIUMS:

1. Archita Mehra, **Vikas Galav**, Saba Khan, Sonu Sharma and Manish Agrawal (2024). **Appendicular Osteosarcoma in Dog: A case Study** Presented at 2nd Veterinary and Animal Science Congress and National Symposium on Technological Interventions in Improving Animal Health and Productivity organized by Association of Animal Scientists, and held on 17-19th Feb 2024 at ACVM, Agra Road, Jamdoli, Jaipur (Rajasthan), India (POSTER Presentation).
2. Alka Galav, **Vikas Galav** and Kritika Dhial (2024). **Phylogenetic and Bioinformatic Analysis of Evolving PPRV** Presented at 2nd Veterinary and Animal Science Congress and National Symposium on Technological Interventions in Improving Animal Health and Productivity organized by Association of Animal Scientists, and held on 17-19th Feb 2024 at ACVM, Agra Road, Jamdoli, Jaipur (Rajasthan), India (POSTER Presentation).
3. **Vikas Galav**, Alka Galav, Rohit Kumar Tiwari, Brajesh Kumar, Archita Mehra and Rakesh Kumar Chittora (2024). **The Interpretive Challenges in Fish Ecotoxicity Assessment** Presented at 2nd Veterinary and Animal Science Congress and National Symposium on Technological Interventions in Improving Animal Health and Productivity organized by Association of Animal Scientists, and held on 17-19th Feb 2024 at ACVM, Agra Road, Jamdoli, Jaipur (Rajasthan), India (POSTER Presentation).
4. Rakesh Kumar Chittora, **Vikas Galav**, Lenin Bhatt and Sonu Sharma (2024). **Malignant Melanoma in Khillari Bullock: A Case Follow-Up Study** Presented at 2nd Veterinary and Animal Science Congress and National Symposium on Technological Interventions in Improving Animal Health and Productivity organized by Association of Animal Scientists, and held on 17-19th Feb 2024 at ACVM, Agra Road, Jamdoli, Jaipur (Rajasthan), India (POSTER Presentation).
5. Rakesh Kumar Chittora, **Vikas Galav** and Lenin Bhatt (2024). **A Case Report on Cutaneous Oncocerciasis in a Mare** Presented at 2nd Veterinary and Animal Science

- Congress and National Symposium on Technological Interventions in Improving Animal Health and Productivity organized by Association of Animal Scientists, and held on 17-19th **Feb 2024** at ACVM, Agra Road, Jamdoli, Jaipur (Rajasthan), India (POSTER Presentation).
6. S. Khan, [Vikas Galav](#), M. Agrawal, A. Galav, S.K. Sharma and R. Dadhich (2022). ***A Study on Incidence of Superficial Neoplastic Growths of Dogs in Jaipur*** Presented at National Symposium on *Global Challenges in Rapid Diagnosis and Management of Animal and Poultry Diseases for Improved Health and Production* and XXXIX Annual Conference of IAVP (Session: Companion Animal Pathology) held on **17-20 Nov 2022**, Dept of Veterinary Pathology, College of Vety. Sc, PVNRTU, Rajendra nagar, Hyderabad-30 (Telangana), India (POSTER).
 7. [Vikas Galav](#), M. Agrawal, A. Galav, N.K. Nogia, S.K. Sharma and R. Dadhich (2021). ***Incidence of Hydatidosis in Cattle of Jaipur, Rajasthan: A Retrospective Study*** Presented at International Symposium on *Advances in Veterinary Pathology for Diagnosis and Control of Emerging and re-emerging Diseases of Livestock, Wild Animals and Poultry.* and XXXVIII Annual Conference of IAVP (Session: Farm Animal Pathology) held on **17-19th Dec 2021**, Dept of Veterinary Pathology, CVAS, (RAJUVAS), Bikaner (Rajasthan), India (POSTER).
 8. Rathore G.S., Agrawal M., [Galav Vikas](#), and Sharma S.K. (2020). ***Antibiotic Susceptibility of Staphylococcus spp. isolates obtained from Clinical Samples of Animals.*** Presented at National Conference on *Paradigm Shift in Livestock Management to Obtain High Quality Animal Products for Enhancing Farm Economy and Entrepreneurship* and 27th Annual Conclave of ISAPM held on **4-6 Feb 2020**, Dept of LPM, Post-Graduate Institute of Veterinary Education and Research, Jaipur (Raj.) (POSTER Presentation).
 9. Rathore G.S., Sharma S.K., Prusty P.K., [Galav Vikas](#) and Dhukia A. (2020). ***Microbiological Analysis of Mastitis Milk Samples obtained from Clinical Cases.*** Presented at National Conference on *Paradigm Shift in Livestock Management to Obtain High Quality Animal Products for Enhancing Farm Economy and Entrepreneurship* and 27th Annual Conclave of ISAPM held on **4-6 Feb 2020**, Dept of LPM, Post-Graduate Institute of Veterinary Education and Research, Jaipur (Raj.) (POSTER Presentation).
 10. A. Galav, [Vikas Galav](#), S. Khan, and N.K. Nogia (2018). ***Insights into the Molecular Evolution of PPR Virus.*** Presented at ASIAN Regional Conference on Goats (ARCG-2018) held on **22-26 Oct 2018**, at AMITY University, Jaipur (Rajasthan), India (POSTER).
 11. S. Khan, Tiwari R.K., [Vikas Galav](#), S. K. Sharma, N. K. Nogia, S. Dariya and R. Dadhich (2018). ***Comparative Aetio-Pathological Investigations into Bronchopneumonia in Sheep and Goats, And Determination of Antibiotic Sensitivity*** Presented at ASIAN Regional Conference on Goats (ARCG-2018) held on **22-26 Oct 2018**, at AMITY University, Jaipur (Rajasthan), India (POSTER).
 12. A. Galav, [Vikas Galav](#) and S. Meherchandani (2018). ***Diversity and Evolution of Cas9 Enzyme of Streptococcus species.*** Presented at IIIrd Convention of Society of Veterinary Biochemists and Biotechnologists of India and National Symposium on Bridging Biochemical Interventions and Environmental Remediations for One Health

- Improvement held on **02-03 Nov 2018**, at Dept. of Vety. Biochemistry, LUVAS, Hisar (Haryana), India (POSTER).
13. **Galav Vikas**, Sharma S.K., Agrawal M., Khan S. and Faridi F.N (2018). ***Evolving Bacterial Pathogens: Multidrug Resistance in Klebsiella spp.*** Presented at National Symposium on *Recent Advances in Veterinary Pathology & Disease Diagnosis for Sustainable Livestock & Poultry Production* and XXXV Annual Conference of IAVP (Session: Farm Animal Pathology) held on **22-24 Oct 2018**, Dept of Veterinary Pathology, Veterinary College of Vety. Sc and AH, SDAU, Sardarkrushinagar, (Gujarat), India (POSTER).
 14. **Galav Vikas**, Rohit Kumar Tiwari, Manish Agarwal and Rohitash Dadhich (2017). ***Frequency and Types of Epulis in Dogs: A Retrospective Study.*** Presented at International Conference on Emerging Horizons in Diagnosis of Animal and Poultry Diseases – Towards Sustainable Production in Asian Countries and XXXIV Annual Conference of IAVP, Asian Veterinary Pathology Congress 2017, held on 9-11 Nov 2017, Dept of Veterinary Pathology, Veterinary College, Hebbal, Bangalore, (Karnataka), India (POSTER).
 15. A. Galav, **Vikas Galav**, S. Kumar, S. Maherchandani and S.K. Kashyap (2017). Molecular Dynamics of PPR Virus Evolution. Poster Presented At National Seminar on Improvement of Small Ruminant Production System for Livelihood Security, 9-10 Mar 2017, ISSGPU, CSWRI, Avikanagar, Tonk (Raj.)
 16. R. Tiwari, B. Kumar, A. Kain, **Vikas Galav**, S.K. Sharma and A. Galav (2017). Isolation, Phenotypic Characterization and Antibiogram Profiles of E. coli and Klebsiella spp from Lower respiratory Tract of Sheep and Goats. Poster Presented At National Seminar on Improvement of Small Ruminant Production System for Livelihood Security, 9-10 Mar 2017, ISSGPU, CSWRI, Avikanagar, Tonk (Raj.)
 17. V. Singh, M. Agrawal, A. Galav, K.K. Renwal and Vikas Galav (2017). *Lantana camara* poisoning in Goats: A Case Study. Poster Presented At National Seminar on Improvement of Small Ruminant Production System for Livelihood Security, 9-10 Mar 2017, ISSGPU, CSWRI, Avikanagar, Tonk (Raj.).
 18. S. Marodia, S. Meena, **Vikas Galav**, M. Agrawal, S.K. Sharma, R.K. Tiwari, B. Kumar and Ankur (2017): Pathomorphological and Microbiological Aspects of Liver from Sheep. Poster Presented At National Seminar on Improvement of Small Ruminant Production System for Livelihood Security, held on 9-10 Mar 2017, ISSGPU, CSWRI, Avikanagar, Tonk (Raj.).
 19. S.V. Madhu, M. Aslam, K.K. Sharma, S.K. Bhattacharya, **Vikas Galav** and S. Agarwal (2011). *Post-prandial Hypertriglyceridaemia leads to the development of type 2 Diabetes mellitus.* Poster Presentation: Clinical and Basic Science, **IDF 2011, World Diabetes Congress**, 4-8 December 2011, Dubai, United Arab Emirates
 20. Sharma SK, **Galav Vikas** and Galav A (2015). ***Multi-Drug Resistance Pattern of Mastitic Milk Samples obtained from Cattle and Buffalo.*** Presented At National Seminar on Translational Research In Biotechnology for Improving Animal Health and Production & 3rd Annual Meeting of Society for Vety Sc. and Biotech. (Pg 94), 7-8 Oct 2015, Dept of Veterinary Microbiology and Biotechnology, CVAS, RAJUVAS, Bikaner (Raj.) India.

ABSTRACTS IN PROCEEDINGS / COMPENDIUMS:

1. Sharma S.K., **Vikas Galav**, Agrawal M., and Kataria, A.K. (2019): *Evolving bacterial Pathogens: Multidrug Resistance in Klebsiella spp.* AT International Conference on Environmental and Climatic Consequences: Challenges and Mitigation Strategies held on **21-22 Dec 2019**, School of Basic and Applied Sciences, Sangam University, Bhilwara, (Rajasthan), India.
2. **Vikas Galav**, Rohitash Dadhich, M. Agrawal, S.K. Sharma, S. Meena, D.S. Meena, A. Galav, P.C. Sharma and S. Sharma (2022). *Histopathological, Immunohistochemical and Molecular Studies on Canine Mammary Tumours in Jaipur* AT National Symposium on *Global Challenges in Rapid Diagnosis and Management of Animal and Poultry Diseases for Improved Health and Production* and XXXIX Annual Conference of IAVP (Session: Companion Animal Pathology) held on **17-20 Nov 2022**, Dept of Veterinary Pathology, College of Vety. Sc, PVNRTU, Rajendra nagar, Hyderabad-30 (Telangana), India.
3. Sharma S.K., **Vikas Galav**, Agrawal M., and Kataria, A.K. (2019): *Evolving bacterial Pathogens: Multidrug Resistance in Klebsiella spp.* AT International Conference on Environmental and Climatic Consequences: Challenges and Mitigation Strategies held on **21-22 Dec 2019**, School of Basic and Applied Sciences, Sangam University, Bhilwara, (Rajasthan), India.
4. Kumar B., Agrawal M., **Vikas Galav**, Sharma S.K. and Dadhich R. (2018): *Occurrence and Pathology of Hydronephrosis in Buffalo (Bubalus bubalis).* AT National Symposium on *Recent Advances in Veterinary Pathology & Disease Diagnosis for Sustainable Livestock & Poultry Production* and XXXV Annual Conference of IAVP (Session: Farm Animal Pathology) held on **22-24 Oct 2018**, Dept of Veterinary Pathology, Veterinary College of Vety. Sc and AH, SDAU, Sardarkrushinagar, (Gujarat), India.
5. Meena S., Dadhich H., Dadhich R., Rathore A., Agrawal M., **Vikas Galav**, and Marodia S. (2018): *Occurrence and Pathology of Hemosiderosis in Lung of Goats in Southern Rajasthan.* AT National Symposium on *Recent Advances in Veterinary Pathology & Disease Diagnosis for Sustainable Livestock & Poultry Production* and XXXV Annual Conference of IAVP (Session: Farm Animal Pathology) held on **22-24 Oct 2018**, Dept of Veterinary Pathology, Veterinary College of Vety. Sc and AH, SDAU, Sardarkrushinagar, (Gujarat), India.
6. Manish Agrawal, Pankaj Dhaka, **Vikas Galav** and S.S. Shekhawat (2018): *Emerging Parasitic Zoonoses: A Brief Overview on Prevention and Control Strategies.* AT XXVII-National Congress of Veterinary Parasitology and National Symposium on Technologies for Sustainable Parasite Control and Redressal of Detection Methods for Upliftment of Rural Economy, held on 12-14 Feb 2018 at CVAS, Navania, Vallabhnagar, Udaipur (Raj.).
7. Brajesh Kumar, Manish Agrawal, **Vikas Galav**, S.K. Sharma and Rohitash Dadhich (2018): *Occurrence and Pathological Observation of Pyelonephritis in Buffalo Kidneys.* Presented At the VI-Annual Convention of Society for Veterinary Science & Biotechnology and National Symposium on Newer Concepts and Approaches for

- Improvement in Animal Health and Production, held on 13-14 Dec 2018 at CVAS, Navania, Vallabhnagar, Udaipur (Raj.).
8. Saba Khan, Farah Naz Faridi, Sandeep Kumar Sharma, **Vikas Galav**, Manish Agrawal and Pragma Nathiya (2018): Detection of O Antigen Variability among *Escherichia coli* Isolates Associated with Various Clinical Affections of Animals at VI Annual Convention of Society for Veterinary Science & Biotechnology and National Symposium on Newer Concepts and Approaches for Improvement in Animal Health and Production, held on 13-14 Dec 2018 at CVAS, Navania, Vallabhnagar, Udaipur (Raj.).
 9. Sandeep Kumar Sharma, Saba Khan, Farah Naz Faridi, **Vikas Galav**, Manish Agrawal, Ghanshyam Singh Rathore and Satish Kumar Yadav (2018): Multidrug Resistance Pattern of *Klebsiella oxytoca* obtained from Clinical Samples of Camel (*Camelus dromedaries*) at VI Annual Convention of Society for Veterinary Science & Biotechnology and National Symposium on Newer Concepts and Approaches for Improvement in Animal Health and Production, held on 13-14 Dec 2018 at CVAS, Navania, Vallabhnagar, Udaipur (Raj.).
 10. Tiwari R, **Galav Vikas**, Marodia S and Meena S (2015). **An Interesting Case of Trichoblastoma in Dog**. Presented At XXII Annual Conference of IAVP and National Symposium on Challenges and Advances in Disease Diagnosis of Livestock, Poultry and Fish; Redefining the Role of Veterinary Pathologists (Pg:22), 3-5 Dec 2015, Dept of Vety Pathology, MTR College of Vety Sc., Sri Venkateshwara Veterinary University, Gannavaram, Krishna (AP), India.
 11. Marodia S, **Galav Vikas**, Tiwari R, and Meena S (2015). **Solid Basal Cell Carcinoma in Dog: A Case Report**. Presented At XXII Annual Conference of IAVP and National Symposium on Challenges and Advances in Disease Diagnosis of Livestock, Poultry and Fish; Redefining the Role of Veterinary Pathologists (Pg:23), 3-5 Dec 2015, Dept of Vety Pathology, MTR College of Vety Sc., Sri Venkateshwara Veterinary University, Gannavaram, Krishna (AP), India.
 12. Ankur, **Galav Vikas**, Tiwari R and Marodia S (2015). **Histopathological Account of a Multiple Canine Cutaneous Histiocytoma in a Boxer Dog**. Presented At XXII Annual Conference of IAVP and National Symposium on Challenges and Advances in Disease Diagnosis of Livestock, Poultry and Fish; Redefining the Role of Veterinary Pathologists (Pg:23), 3-5 Dec 2015, Dept of Vety Pathology, MTR College of Vety Sc., Sri Venkateshwara Veterinary University, Gannavaram, Krishna (AP), India.
 13. Kar, R., Mehndiratta M, Garg S, Chandra N, Halder S and **Galav Vikas** (2013). **An Insight into the Mechanism of Cadmium Induced Oxidative Stress in Mice Liver-Inactivating Antioxidant Enzymes or Inhibiting their Transcription**. Presented At **21st Annual Conference of Association of Medical Biochemists of India (AMBICON)**, PF5 Pg. 160, 15-17 Nov 2013, Christian Medical College, Ludhiana (India).
 14. Alka, YPS Malik, Rajeev Sharma, **Vikas Galav** and AB Shrivastav (2005). Antimicrobial resistance in *Staphylococcal aureus* strains isolated from wild animals. Presented **At 5th Indian Veterinary Congress**, 2B4 Pg 167, 31 Dec' 2004 –1st Jan 2005, College of Vety & Animal Sciences, Bikaner (India).
 15. Vaish R., **Galav Vikas**, Parmar ML, Shrivastav AB and Vaish MK (2004). Biometry of Liver in Barking Deer. Presented at XIX Convention of IAVA and National Symposium

- on Research Advances in Veterinary Anatomy and its Interdisciplinary Approach for Livestock Production (Pg 7), 16-18 Nov 2004, Dept of Vety Anatomy & Histology, West Bengal University of Animal and Fishery Sciences, Kolkata (WB).
16. **Vikas Galav**, Nagar, D., Shrivastav AB and Katiyar AK (2004). Exertional Myopathy in Free range Barking Deer. **At Proceeding of XXI Annual Conference of Indian Association of Veterinary Pathologists**, 23-25 November 2004, West Bengal University of Animal Fishery Sciences, Kolkata (India).
 17. Alka, **Vikas Galav**, Shrivastav AB, and Malik YPS (2004). **At Proceeding of XXI Annual Conference of Indian Association of Veterinary Pathologists**, 23-25 November 2004, West Bengal University of Animal Fishery Sciences, Kolkata (India).
 18. **Vikas Galav**, Nagar, D., Shrivastav AB and Katiyar AK (2004). Volvulus nodosus in a free range Chital (*Axis axis*). **At Proceeding of XXI Annual Conference of Indian Association of Veterinary Pathologists**, 23-25 November 2004, West Bengal University of Animal Fishery Sciences, Kolkata (India).

POPULAR ARTICLES / OVERVIEWS & COMMENTARY:

1. S.K. Sharma, **Vikas Galav**, Manish Agrawal, Farah Naz Faridi and Manesh Kumar (Nov 2018). Hindi-*Pratijaivik Pratirodh (AMR): Mithak aur Tathya. Swabhimaan Yug*, 3(11):34-35
2. A Galav, **Vikas Galav**, Sunil Meherchandani, SK Kashyap (2017). Hindi- *Avian Influenza se Apney Pakshiyko ko Shurakshit Rakhey. Pashu Palan Naye Aayam (RAJUVAS)*, 6 (Feb 2017): 4-5
3. **Vikas Galav** (2008). Fuss and Feathers: Pandemic Panic over Bird Flu. *Agrovet Buzz*, 1(1) May-July 2008.
4. **Vikas Galav** and Mishra, N. (2008). Nature of Bovine Virus Diarrhoea in Cattle. *Agrovet Buzz*, 1(1) May-July 2008.

LEAFLETS / PAMPHLETS / Extension Material:

1. **Vikas Galav**, Alka Galav, Sandeep Kumar Sharma, Manish Agrawal (2022): Folder on "Surra in Camels: Emerging Disease Scenario".
2. **Vikas Galav**, Alka Galav, Manish Agrawal and Sandeep Kumar Sharma, (2023): Folder on "Sheep Pox- A continuing challenge to small animal farmers".
3. **Vikas Galav** and Alka Galav (2023). Booklet on "*Molecular Forensics in Veterinary Sciences*".
4. Pamphlet ON: Antimicrobial Resistance (AMR)-Snag to Solution (2018) - Dr. Sandeep Kumar Sharma and **Dr. Vikas Galav**.
5. Leaflet ON: RKVY Project on "Epidemiological Mapping of Antimicrobial Resistance & its Underlying Genetic Mechanisms for Improvement in Health of Livestock & Poultry Sector" (2017) - Dr. Sandeep Kumar Sharma, Dr. Manish Agrawal and **Dr. Vikas Galav**.
6. Leaflet ON: An Introduction of Antimicrobial Resistance (2017) - Dr. Sandeep Kumar Sharma, **Dr. Vikas Galav**, Dr. Manish Agrawal and Dr. Farah Naz Faridi.

7. Folder on “Brucellosis – A Re-emerging Zoonotic Threat” (ASCAD; Mar 2022).
8. Folder on “Lumpy Skin Disease” (ASCAD; Mar 2022).
9. Folder on “Zoonoses of Bovine Tuberculosis” (ASCAD; Mar 2022).
10. Folder on “Collection, Preservation and Dispatch of Samples for Pathological Diagnosis” (ASCAD; Mar 2022).
11. LEAFLET in Hindi titled “Fadkiya Rog”, (Aug 2017)
12. LEAFLET on “Contagious Ecthyma”, (July 2019)
13. LEAFLET on “Pestes des Petits Ruminants”, (Apr 2019)

GenBank Accession Numbers for Nucleotide Sequence Submissions

S. No.	GenBank Nucleotide Sequence Accession	Authors	Title	Definition	Isolation Source
1.	MT515451	Rathore, G.S., Sharma, S.K., Vikas Galav and Galav, A.	blaZ sequence from <i>Staphylococcus aureus</i>	<i>Staphylococcus aureus</i> isolate C1 beta-lactamase (blaZ) gene, partial cds.	Mastitic Milk (Cattle)
2.	MT515452	Rathore, G.S., Sharma, S.K., Vikas Galav and Galav, A.	blaZ sequence from <i>Staphylococcus aureus</i>	<i>Staphylococcus aureus</i> isolate C11 beta-lactamase (blaZ) gene, partial cds.	Pneumonic Nasal Swab (Cattle)
3.	MT515453	Rathore, G.S., Sharma, S.K., Vikas Galav and Galav, A.	blaZ sequence from <i>Staphylococcus aureus</i>	<i>Staphylococcus aureus</i> isolate C29 beta-lactamase (blaZ) gene, partial cds.	Pneumonic Nasal Swab (Cattle)
4.	MT536161	BankIt2348927 sequenceG8bZ	blaZ sequence of <i>Staphylococcus aureus</i> from Rajasthan, India	<i>Staphylococcus aureus</i> isolate C29 beta-lactamase (blaZ) gene, partial cds	Pneumonic Nasal Swab (Cattle)
5.	MT536162	Rathore, G.S., Sharma, S.K., Galav, A., Sharma, G. and Vikas Galav	blaZ sequence of <i>Staphylococcus aureus</i> from Rajasthan, India	<i>Staphylococcus aureus</i> isolate S8 beta-lactamase (blaZ) gene, partial cds.	Wound Pus (Sheep)

MVSc / PhD Students Guided

As Major Advisor (Four):

- Rohit Kumar Tiwari (MVSc 2015-2017) – Thesis Titled “*Aetio-Pathological Studies on Lung Lesions of Sheep (Ovis aries) in Jaipur Division*”
- Saba Khan (MVSc 2017-19) – Thesis Titled “*A Study on Incidence and Histopathological Typing of Superficial Neoplastic Growths of Dogs in Jaipur*”

- Narendra Kumar Nogia (MVSc 2018-20) – Thesis Titled “A Study on Occurrence and Pathology of Urinary System of Cattle in Jaipur”
- Vimal Gurjar (MVSc (2020-24) - Thesis Titled “A Study on Occurrence and Pathology of Urinary System of Goats (*Capra hircus*) in Jaipur”

As Advisor (Fifteen):

- Total 15 MVSc Students completed (i) Pathology students Sandeep Marodia, Brajesh Kumar, Sulochana, Sunil Jangid, (ii) Medicine Students Ankur, Prerna Yadav, Anita Meena (iii) Microbiology Students Satish Kumar Yadav, Ghanshyam Singh Rathore, Ajay Kumar, Pushpendra Singh Rathore, Parasitology Students: Upkaar Choudhary, Rahul Meena; Physiology Student: Ms Prachi Dhaka)

Vetting of Project / Research Reports

- Vetting of Report submitted to CCRAS, Ministry of AYUSH, Govt of India, on its Intra-Mural Project titled “Exploratory Evaluation of Hepatoprotective Activity of Aarogyavardhini Vati in Experimental Animal Models” 16th Feb 2016.

Administrative Role / Duties

- *Convenor, Institutional Purchase Committee, of Post-Graduate Institute of Veterinary Education and Research (PGIVER-RAJUVAS), Jaipur (Raj.) from Apr 2015 to Jan 2020.*
- *Incharge, Department of Veterinary Pathology, Post-Graduate Institute of Veterinary Education and Research (PGIVER-RAJUVAS), Jaipur (Raj.) from Aug 2014 to Aug 2017 (3 Years).*
- *Incharge, Department of Veterinary Parasitology, Post-Graduate Institute of Veterinary Education and Research (PGIVER-RAJUVAS), Jaipur (Raj.) from Aug 2014 to Jan 2016; 2023.*
- *Incharge, Department of Veterinary Microbiology and Biotechnology, Post-Graduate Institute of Veterinary Education and Research (PGIVER-RAJUVAS), Jaipur (Raj.) from Aug 2016 to Apr 2017.*
- *Incharge, Accounts Division, Post-Graduate Institute of Veterinary Education and Research (PGIVER-RAJUVAS), Jaipur (Raj.) from Apr 2015 to Jan 2019*
- *Incharge, Vehicle Section, Post-Graduate Institute of Veterinary Education and Research (PGIVER-RAJUVAS), Jaipur (Raj.) from Apr 2015 to Jan 2020*

Nominee / Inspector with Regulatory Bodies

- I. OBSERVER / INSPECTOR for **OECD-GLP Quality Systems** for Pharmaceutical Research Organisation, for national GLP Compliance Monitoring Authority, DST, Govt of India
- II. EXPERT/NOMINEE/INSPECTOR for Lab Animal Research and Experiments for Committee for Control and Supervision of Experiments on Animals (**CCSEA**), MoEF, Govt of India

MAIN CCSEA NOMINEE / INSPECTOR in the *Institutional Animal Ethics Committee* of:

- *Institute of Liver and Biliary Sciences (ILBS), Vasant Kunj, New Delhi-67*
- *National Institute of Immunology, Aruna Asaf Ali Road, New Delhi-63*
- *Defense Institute of Physiology and Allied Sciences (DIPAS), DRDO, Timarpur Road, New Delhi.*
- *Dabur Research Foundation, Dabur Chowk, Sahibabad, Ghaziabad (U.P.)*
- *Birla Institute of Technology and Sciences, Pilani (Raj.)*
- *Delhi Institute of Pharmaceutical Sciences and Research (DIPSAR), MB Road, Push Vihar, New Delhi-17*
- *Lady Hardinge Medical College, Connaught Place, New Delhi*
- *Department of Zoology, Rajasthan University, Jaipur*
- *JLN Medical College, Ajmer (Raj.)*
- *Maharishi Arvind Institute of Pharmacy, Mansarovar, Jaipur-302020*
- *Maharaja Surajmal Institute of Pharmacy (MSIP), Janakpuri, New Delhi.*
- *Institute for Industrial Research and Toxicology (IIRT), UPSIDC, Masoorie G Road, Ghaziabad (UP).*
- *Sunderdeep College of Pharmacy, Delhi-Hapur Road, Dasna, Ghaziabad (UP)*

CCSEA Nominated LINK NOMINEE / INSPECTOR in the *Institutional Animal Ethics Committee* of:

- *Bansthali Vidhyapeeth University, Niwai, Distt. Tonk (Raj.)*
- *National Institute of Immunology, Aruna Asaf Ali Road, New Delhi-110067*
- *Department of Biotechnology, Amity University, Sector 125, NOIDA, Gautam Buddha Nagar, (U.P.).*
- *Department of Zoology, Kirori Mal College (Univ. of Delhi), ND Kapoor Marg, N. Delhi-07*
- *Mahatma Gandhi Medical College, Sitapura, Jaipur*

Memberships / Fellowships/Representative

- Indian Association of Veterinary Pathologists (**IAVP**) – Life Member
- Society of Toxicology-Pathology in India (**STPI**) – Life Member
- Society of BioSafety, India (**SBS**) – Life Member
- Laboratory Animal Scientist Association (**LASA**) – Life Member
- Laboratory Animal Science Association of India (**LASAI**) – Life Member
- Small Animal Veterinary Association, Delhi (**SAVA**) - Life Member