



DR. MANISHA MATHUR

PROFESSOR & HEAD
DEPARTMENT OF VETERINARY PATHOLOGY
RAJASTHAN UNIVERSITY OF VETERINARY AND ANIMAL SCIENCES
BIKANER- 334001 (RAJASTHAN) INDIA

ABOUT ME

As a dedicated veterinary pathologist with over 25 years of experience, I bring a keen eye and meticulous approach to the critical field of animal health. My expertise encompasses both clinical diagnosis and histopathology, enabling me to delve into the intricacies of disease at both the cellular and systemic levels. I am committed to contributing to the field of veterinary pathology through my dedication to excellence, continuous learning, and collaboration.

CONTACT ME

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- manishamathuras@gmail.com
- D-1, Indraprastha colony,
Near Ramkrishan Aasharam
Bikaner- 334001 (Rajasthan) INDIA

ACADEMICS

PH.D.

Year- 2004
Div./ OGPA- (3.87/4)
Subject- Veterinary Pathology
University-Raj. Agri. University, Bikaner

M.V.SC.

Year- 1996
Div./ OGPA- (4.00/4)
Subject- Veterinary Pathology
University-Raj. Agri. University, Bikaner

B.V.SC.&A.H.

Year- 1994
Div./ OGPA- (4.00/4)
Subject- Veterinary Pathology
University-Raj. Agri. University, Bikaner

SKILLS

I possess expertise in histopathological analysis, encompassing diagnostic proficiency in the realms of post-mortem examinations and immunohistopathology. Additionally, I excel in clinical diagnosis, employing diverse biological matrices such as milk, urine, serum, blood, and impression smears to discern and characterize diseases with precision.

JOB EXPERIENCE

V.A.S.

Dept. of Anim. Husb., Raj.
Nature of Duties - Treatment and Extension

From- 1995 - To 1998

INSTRUCTOR

College of Vety. & Animal. Sc. Bikaner
Nature of Duties - Teaching & Research

From- 1998 - To 2001

V.A.S.

College of Vety. & Animal. Sc. Bikaner
Nature of Duties - Treatment and Extension

From- 2001 - To 2011

INSTRUCTOR

College of Vety. & Animal. Sc. Bikaner
Nature of Duties - Teaching & Research

From- 2011 - To 2014

ASSOCIATE PROFESSOR

College of Vety. & Animal. Sc. Bikaner
Nature of Duties - Teaching & Research

From- 2014 - To 2021

PROFESSOR

College of Vety. & Animal. Sc. Bikaner
Nature of Duties - Teaching & Research

From- 2021 - To continue

HEAD OF DEPARTMENT

Dept. of pathology
Nature of Duties - Administration, Teaching & Research

From- 2021 - To continue

Total Experience of
Research and Teaching **18 Year**

AWARDS

1. *University Scholarship during Post-graduation.*
2. *Gold Medal of M.V.Sc. in Veterinary Pathology*
3. *Passed National Eligibility Test (NET) of ICAR*
4. *ISACP Young Scientist award–2016 for Best Paper Presentation*

ADVISOR

1. *Advisor of 15 M.V.Sc. and 4 Ph.D. students of Vety. Pathology*

MEMBERSHIP OF SCIENTIFIC ORGANIZATIONS :

1. *Life member of Indian Association of Veterinary Pathologists*
2. *Life member of Indian Society of Immunology & Immunopathology*
3. *Life member of Veterinary Practitioner*
4. *Secretary of Indian Association of Veterinary Pathologists (IAVP) State Chapter- Rajasthan*
5. *Life member ship ISACP*
6. *In Editorial board of Journal Domestic Animal Practice and Research*

INTERNATIONAL CONFERENCES ATTENDED

1. *International Seminar on Camel Applied Research and Development at Bikaner, India form 10-11 August, 1998.*
2. *International Camel Conference at Bikaner, India from 16- 17 February 2007.*
3. *International Symposium on Role of Biotechnology in conserving Biodiversity and livestock development for food security and poverty alleviation at Bikaner, India from 29- 31 December 2010.*
4. *International Congress on Modern Concepts in Canine Health and Diseases of Human Concern at Bikaner, India from 9- 11 February 2012.*
5. *International Symposium on "Latest trends in Immunodiagnosis, Immunopathology and Immunomodulation" & VI Convention of Society for Immunology and Immunopathology at Bikaner, Indiafrom 22-24 December 2013.*
6. *International Symposium on New Horizons of Camel surgery and Large Ruminant Surgery & XXXVIII Annual Congress of Society for Veterinary Surgery at Bikaner,Indiafrom 15-17 October 2014.*
7. *International Symposium on "Role of Biotechnology in covserving biodiversity and livestock development food security and poverty allivationand XVII Annual conference of Indian socity of Vet immunology and Biotechnology International Symposium on "Latest trends in Immunodiagnosis, Immunopathology and Immunomodulation" & VI convention of Society for Immunology and Immunopathology at Bikaner, India from 22-24 December 2013.*
8. *International Symposium on New Horizons of Camel surgery and Large Ruminant Surgery & XXXVIII Annual Congress of Soci-ety for Veterinary Surgery at Bikaner, India from 15-17 October 2014.*

PAPERS PRESENTED IN INTERNATIONAL CONFERENCES

1. *Manisha Mathur, Dadhich, H. and Sharma, G. D. (1997). Occurrence and Pathology of Congenital Polysystic Kidney in Sheep. National Symposium on' Advances in Veterinary Pathology in Post Independence Era' and XIV th Annual Convention of Indian Association of Veterinary Pathologists from 4- 6 Dec., 1997at Izat Nagar (U.P.).*
2. *Manisha Mathur, Dadhich, H. and Sharma, G. D. (1998): Incidence and Pathology of Adenoma in the kidney of sheep in Rajasthan. National Symposium on' Advances in Diagnostic Veterinary Pathology' and XV Annual convention of Indian Association of Veterinary Pathologists from 9-11 Nov., 1998 at Thrissur, (Kerala).*
3. *Mathur, M.; Dadhich, H. and Sharma ,G. D. (2000): Pathological observations on perinephric adscsces in sheep. National Symposium on "Current Concepts in Animal & Poultry Diseases -New Millennium Approach "& XVII Annual Conference of Indian Association of Veterinary Pathologists from 11- 13 Dec.,2000 at Akola.*
4. *Mathur, M.; Dadhich, H.; Khare, S. and Sharma, G.D. (2002): Clinical diagnosis of urolithiasis on the basis of histopathology in the sheep kidney. National Symposium on Recent Trends in Diagnostics and Therapeutics of Animal Diseases and XX Annual Convention of Indian Society for Veterinary Medicine at Bikaner From 14- 16 Feb. 2002.*

5. Mathur, M.; Agrawal, M.; Dadhich, H.; Goyal, S.K. and Singh, A.P. (2012): Gross and histopathological observations of hepatic abscesses in dogs (*Canis familiaris*). International Congress on Modern Concepts in Canine Health and Diseases of Human Concern at Bikaner, India from 9- 11 February 2012.
6. Agrawal, M.; Dadhich, H.; Mathur, M.; Goyal, S.K. and Singh, A.P. (2012): Pathological Observations on Toxic Hepatitis In Dogs (*Canis Familiaris*). International Congress on Modern Concepts in Canine Health and Diseases of Human Concern at Bikaner, India from 9- 11 February 2012.
7. Goyal, S.K., Dadhich, H.; Mathur, M.; Khanna, R. and Singh, A.P. (2012): Gross and histopathological observations of hydronephrosis in dogs. International Congress on Modern Concepts in Canine Health and Diseases of Human Concern at Bikaner, India from 9- 11 February 2012.
8. Singh, A.P.; Mathur, M. and Dadhich, H. (2012): Nodular dermatitis in dog- a case report. International Congress on Modern Concepts in Canine Health and Diseases of Human Concern at Bikaner, India from 9- 11 February 2012.
9. Goverdhan singh; Choudhary, H.; Yadav, J.; Dadhich, H.; Mathur, M.; Sharma, T. and A. P. Singh (2012): Gross and histopathological observations on enteritis in dogs. International Congress on Modern Concepts in Canine Health and Diseases of Human Concern at Bikaner, India from 9- 11 February 2012.
10. Goverdhan Singh, Sharma, N.; Pushpa; Dadhich, H.; Mathur, M.; Sharma, T. and Singh, A.P. (2012): Gross and Histopathological Observation on Hepatitis in Dogs. International Congress on Modern Concepts in Canine Health and Diseases of Human Concern at Bikaner, India from 9- 11 February 2012.
11. Dadhich, H.; Khanna R.; Mathur, M. and Singh, A.P. (2012): Pathological and haematobiochemical observations on Basal cell tumor in dogs. International Congress on Modern Concepts in Canine Health and Diseases of Human Concern at Bikaner, India from 9- 11 February 2012.
12. Mathur, M.; Agrawal, M.; Dadhich, H.; Goyal, S.K. and Singh, A.P. (2012): Gross and histopathological observations of hepatic abscesses in dogs (*Canis familiaris*). International Congress on Modern Concepts in Canine Health and Diseases of Human Concern at Bikaner, India from 9- 11 February 2012.
13. Agrawal, M.; Dadhich, H.; Mathur, M.; Goyal, S.K. and Singh, A.P. (2012): Pathological Observations on Toxic Hepatitis In Dogs (*Canis Familiaris*). International Congress on Modern Concepts in Canine Health and Diseases of Human Concern at Bikaner, India from 9- 11 February 2012.
14. Goyal, S.K., Dadhich, H.; Mathur, M.; Khanna, R. and Singh, A.P. (2012): Gross and histopathological observations of hydronephrosis in dogs. International Congress on Modern Concepts in Canine Health and Diseases of Human Concern at Bikaner, India from 9- 11 February 2012.
15. Goverdhan singh; Choudhary, H.; Yadav, J.; Dadhich, H.; Mathur, M.; Sharma, T. and A. P. Singh (2012): Gross and histopathological observations on enteritis in dogs. International Congress on Modern Concepts in Canine Health and Diseases of Human Concern at Bikaner, India from 9- 11 February 2012.
16. Manisha Mathur; Abhilasha Dadhich; S. Khare; H. Dadhich and A. P. Singh (2013): Pathological observations of neoplastic conditions in relation to immunodeficiency in camel (*Camelus dromedarius*). International Symposium on "Latest trends in Immunodiagnosis, Immunopathology and Immunomodulation" & VI convention of Society for Immunology and Immunopathology at Bikaner, India from 22-24 December 2013.
17. Rani, S.; Vyas, I.; Dadhich, H.; Mathur, M. and Kumar, S.(2013):Occurrence and Pathology of Uterine Fibroma in Female Genital Tract of Buffalo. International Symposium on "Latest trends in Immunodiagnosis, Immunopathology and Immunomodulation" & VI convention of Society for Immunology and Immunopathology at Bikaner, India from 22-24 December 2013.
18. Mahendra Kumar; I. Vyas; H. Dadhich; S. Rani; M. Mathur; S. Sharma; Sanjay Kumar and K. V. Saini (2014). Lipoma in camel- A case report. International Symposium on New Horizons of Camel surgery and Large Ruminant Surgery & XXXVIII Annual Congress of Society for Veterinary Surgery at Bikaner, India from 15-17 October 2014.
19. Abhilasha Dadhich, Manisha Mathur , S.kumar and H. Dadhich (2017): "Intestinal coccidiosis in camel (*Camelus dromedarius*) – A case report" presented in 26th international conference of the World Association for Advancement of Veterinary Parasitology (WAAVP), Kuala Lumpur, Malaysia
20. Abhilasha Dadhich, R.H. Meena, M. Agarwal, M. Mathur and S. Maherchandani (2018):Underlying resistance mechanisms in multi-drug resistant *Escherichia coli* isolated from poultry environment presented in 2nd OIE Global Conference on antimicrobial resistance 'Putting Standards into Practice" at Marrakesh, Morocco.
21. Pathological and Haematobiochemical observations of ulcerative Dermatitis in camel(*CAMELUS DROMEDARIUS*)Manisha Mathur,Hament Dadhich and Sandeep Khare International Symposium on "Role of Biotechnology in covserving biodiversity and livestock development food security and poverty allivationand XVII Annual conference of Indian society of Vet immunology and Biotechnology
22. Effects of experimentally indused zinc deficiency on *STAPHYLOCOCCUS AUREUS* infections in rats H.Dadhich,R.Khanna,M.Mathur,A.P.Singh and T.Sharma Khare International Symposium on
23. Manisha Mathur, Abhilasha Dadhich, and Manisha Mehra. Impaction in heifer-A case report (2021): International Symposium on "Role of veterinary pathology in controlling emerging and re-emerging diseases of livestock and poultry: An one health approach". pp 93

NATIONAL SYMPOSIUM AND CONFERENCES ATTENDED

1. National Symposium on "Impact of disease on Livestock\ Poultry Production and Wild life conservation" and XIIth Annual Convention of Indian Association of Veterinary Pathologists from 9-11 Nov., 1995.
2. National Symposium on "Recent Trends in Diagnostics and Therapeutics of Animal Diseases" and XX Annual Convention of Indian Society for Veterinary Medicine at Bikaner From 14- 16 Feb. 2002.
3. National Symposium on Recent Advances in Diagnosis of Diseases of Livestock, Poultry and Wildlife with Special Emphasis on Hill Area Diseases and XIX Annual Conference of Indian Association of Veterinary Pathologists from 26- 28 September, 2002 at Palampur.
4. National symposium on Newer Concepts and Challenges in Veterinary Science and Animal Husbandry and XII Annual Conference of Indian Association for the Advancement of Veterinary Research from 31.12.04 to 01.01.2005.
5. National Scientific Seminar jointly organized by Bhabha Atomic Research Centre and Rajasthan University of Veterinary and Animal Science, Bikaner from 4- 5 March 2011.
6. Annual Convention and Convocation of National Academy of Veterinary sciences (India) from 12- 13 November 2011 at Bikaner (Rajasthan).
7. Biennial Animal Nutrition Association Conference- 2012 from 28- 30 November 2012 at Rajasthan University of Veterinary and Animal Science, Bikaner.
8. National seminar on Formulation of strategies for Disaster Management Technology for animals from 21- 22 March 2013 at Rajasthan University of Veterinary and Animal Science, Bikaner.
9. Workshop on Wildlife management and health & Hands-on training on Immobilization of wild animals for transportation and treatment on 13 August 2013 at Rajasthan University of Veterinary and Animal Science, Bikaner.
10. National symposium on Veterinary Anatomy vision 2050- improvement, challenges and opportunities in relation to animal as well as human health and biodiversity from 8- 10 January 2014 at Rajasthan University of Veterinary and Animal Science, Bikaner.
11. National seminar on Translational research in Biotechnology for improving animal health and production from 7- 8 October 2015 at Rajasthan University of Veterinary and Animal Science, Bikaner.
12. National conference on "New horizons of veterinary and medical forensic medicine" in 2016 at CVAS, Bikaner
13. National Seminar on "Transitional Research in Biotechnology for Improving Livestock Health & Production". Department of Veterinary Microbiology & Biotechnology, CVAS, RAJUVAS Bikaner. October 7-8, 2015.
14. National Conference on "New Horizons of Veterinary and Medical Forensic Medicine". Organised by Department of Veterinary Medicine, Ethics and jurisprudence, CVAS, RAJUVAS Bikaner. March 5-6, 2016
15. National Symposium on "Holistic approach in Veterinary Medicine for better animal health to meet challenges of one health mission" held at College of Veterinary and Animal Science, RAJUVAS, Bikaner from 1-3 February 2019.
16. Advances in Veterinary Pathology for Diagnosis and Control of Emerging and Re-emerging Diseases of Livestock, Wild Animals and Poultry" 17th-19th December, 2021
17. 22nd Indian Veterinary Congress and XXIX Annual Conference of IAAVR & National Symposium on "Advancements in Conference of IAAVR contributing to One Health" for betterment of Animal and Public Health and their welfare" to be held at MPUAT, Udaipur on April 08-09, 2022.

PAPERS PRESENTED IN NATIONAL CONFERENCES

1. Manisha Mathur, Dadhich, H. and Sharma, G. D. (1997). Occurrence and Pathology of Congenital Polycystic Kidney in Sheep. National Symposium on 'Advances in Veterinary Pathology in Post Independence Era' and XIVth Annual Convention of Indian Association of Veterinary Pathologists from 4- 6 Dec., 1997 at Izat Nagar (U.P.).
2. Manisha Mathur, Dadhich, H. and Sharma, G. D. (1998): Incidence and Pathology of Adenoma in the kidney of sheep in Rajasthan. National Symposium on 'Advances in Diagnostic Veterinary Pathology' and XV Annual convention of Indian Association of Veterinary Pathologists from 9-11 Nov., 1998 at Thrissur, (Kerala).
3. Mathur, M.; Dadhich, H. and Sharma, G. D. (2000): Pathological observations on perinephric abscesses in sheep. National Symposium on "Current Concepts in Animal & Poultry Diseases -New Millennium Approach" & XVII Annual Conference of Indian Association of Veterinary Pathologists from 11- 13 Dec., 2000 at Akola.
4. Mathur, M.; Dadhich, H.; Khare, S. and Sharma, G.D. (2002): Clinical diagnosis of urolithiasis on the basis of histopathology in the sheep kidney. National Symposium on Recent Trends in Diagnostics and Therapeutics of Animal Diseases and XX Annual Convention of Indian Society for Veterinary Medicine at Bikaner From 14- 16 Feb. 2002.

5. Manisha Mathur; Dadhich, H. and Sharma, G.D. (2002): Pathological observations on suppurative nephritis in sheep. National Symposium on Recent Advances in Diagnosis of Diseases of Livestock, Poultry and Wildlife with Special Emphasis on Hill Area Diseases and XIX Annual Conference of Indian Association of Veterinary Pathologists from 26- 28 September, 2002 at Palampur.
6. Dadhich, H.; Mathur, M. and Singh, A. P. (2011): Nanotechnology- a revolution in animal disease diagnosis. Training programme on Application of Nanoscience and Nanotechnology in Health and Disease organized at Institute of Biotechnology, Patwadangar, Nainital (Uttarakhand) from 20- 30 June 2011.
7. Manisha Mathur; Dadhich, H. and Sharma, G.D. (2003): Pathological observations of renal parenchymal abscesses in kidney of sheep. National Symposium on Basic Pathology and Animal Diseases- A Need for Fresh Approach in Indian Scenario and XX Annual Conference of Indian Association of Veterinary Pathologists from 12- 14 November, 2003.
8. Dadhich, H.; Mathur, M.; Khanna, R.; Singh, A. P. and Sharma, T. (2011): Pathological alterations due to zinc deficiency alongwith *S. aureus* infection on liver in albino rats. Annual convention of National Academy of Veterinary Sciences (India) and Seminar on Veterinary Profession: Challenges and Opportunities under WTO regime from 12- 13 November 2011 at Bikaner (Rajasthan).
9. Mathur, M.; Dadhich, H.; Khare, S. and Singh, A. P. (2011): Pathological observations of nodular dermatitis in camel (*Camelus dromedarius*). Annual convention of National Academy of Veterinary Sciences (India) and Seminar on Veterinary Profession: Challenges and Opportunities under WTO regime from 12- 13 November 2011 at Bikaner (Rajasthan).
10. Manisha Mathur, Hemant Dadhich, Sandeep Khare and A.P. Singh (2011): Pathological observations of nodular dermatitis in camel (*Camelus dromedaries*). Annual Convention and Convocation of National Academy of Veterinary Sciences (India) and Seminar on Veterinary Profession: Challenges and opportunities under WTO regime held at CVAS, Bikaner from 12-13 November, 2011.
11. A. Dadhich; M. Mathur; H. Dadhich and A. P. Singh (2015): Folliculitis in camel (*Camelus dromedarius*)- a case report. National Seminar on "Translational Research in Biotechnology for improving animal health and production" from 7- 8 October 2015 at Rajasthan University of Veterinary and Animal Sciences, Bikaner.
12. K. Saini; H. Dadhich; M. Mathur; S. Kumar and S. Choudhary (2015): Pathological observations of renal retention cyst in camel (*Camelus dromedarius*). National Seminar on "Translational Research in Biotechnology for improving animal health and production" from 7- 8 October 2015 at Rajasthan University of Veterinary and Animal Sciences, Bikaner.
13. M. Mehra; M. Mathur; Renu and H. Dadhich (2015): Glomerulonephritis in dog- A case report. National Seminar on "Translational Research in Biotechnology for improving animal health and production" from 7- 8 October 2015 at Rajasthan University of Veterinary and Animal Sciences, Bikaner.
14. M. Mathur; H. Dadhich and S. Khare (2015): Pathological and haemato- biochemical observations of ulcerative dermatitis in camel (*Camelus dromedarius*). National Seminar on "Translational Research in Biotechnology for improving animal health and production" from 7- 8 October 2015 at Rajasthan University of Veterinary and Animal Sciences, Bikaner.
15. S. Kumar; H. Dadhich; M. Mathur; N. K. Sharma and S. Choudhary (2015); Eosinophilic enteritis in camel (*Camelus dromedarius*). National Seminar on "Translational Research in Biotechnology for improving animal health and production" from 7- 8 October 2015 at Rajasthan University of Veterinary and Animal Sciences, Bikaner.
16. Sharma, N. K.; Dadhich, H.; Mathur, M. and Kumar, S. (2015): Ulcerative gingivitis in sheep (*Ovis aries*). National Seminar on "Translational Research in Biotechnology for improving animal health and production" from 7- 8 October 2015 at Rajasthan University of Veterinary and Animal Sciences, Bikaner.
17. C. P. Singh; N. K. Sharma; Renu; V. K. Dhaka; P. Puri; M. Mathur and H. Dadhich (2016): Coccidiosis in layers. National Conference on "New Horizons of Veterinary and Medical Forensic Medicine" from 5- 6 March 2016 at Rajasthan University of Veterinary and Animal Sciences, Bikaner.
18. Anupam Buri, H. Dadhich, Vinita Kumari and M. Mathur: Challenges in forensic Veterinary Pathology: (2016): A review. Page no. 51. National Conference on "New Horizons of Veterinary and Medical Forensic Medicine" from 5- 6 March 2016 at Rajasthan University of Veterinary and Animal Sciences, Bikaner.
19. Sarita; H. Dadhich; M. Mathur; V. K. Dhaka; M. K. Jat and M. K. Dagar (2016): Focal chronic interstitial nephritis in sheep (*Ovis aries*)- A case report. National Conference on "New Horizons of Veterinary and Medical Forensic Medicine" from 5- 6 March 2016 at Rajasthan University of Veterinary and Animal Sciences, Bikaner.
20. Sarita; H. Dadhich; M. Mathur; V. K. Dhaka; M. K. Jat and A. Kumar (2016): Inter tubular haemorrhages in goat (*Capra hircus*)- A case report. National Conference on "New Horizons of Veterinary and Medical Forensic Medicine" from 5- 6 March 2016 at Rajasthan University of Veterinary and Animal Sciences, Bikaner.
21. V. K. Dhaka; H. Dadhich; I. Vyas; Sarita; M. K. Jat; A. Kumar and M. Mathur (2016): Renal calcification in goat (*Capra hircus*)- A case report. National Conference on "New Horizons of Veterinary and Medical Forensic Medicine" from 5- 6 March 2016 at Rajasthan University of Veterinary and Animal Sciences, Bikaner.
22. Renu; P. Puri; C. P. Singh; H. Dadhich; S. Rani; M. Mathur; I. Vyas; M. Mehra and S. Asopa (2016): Pathological findings of interstitial pneumonia in cattle. National Conference on "New Horizons of Veterinary and Medical Forensic Medicine" from 5- 6 March 2016 at Rajasthan University of Veterinary and Animal Sciences, Bikaner.

23. M. Mehra; M. Mathur; Renu; H. Yadav and H. Dadhich (2016): Bronchopneumonia in cattle- A case report. National Conference on "New Horizons of Veterinary and Medical Forensic Medicine" from 5- 6 March 2016 at Rajasthan University of Veterinary and Animal Sciences, Bikaner.
24. Sarita; H. Dadhich; M. Mathur; V. K. Dhaka; M. K. Jat and K. C. Dagar (2016): Acute cystitis in sheep (*Ovis aries*)- A post- mortem report. National Conference on "New Horizons of Veterinary and Medical Forensic Medicine" from 5- 6 March 2016 at Rajasthan University of Veterinary and Animal Sciences, Bikaner.
25. Manisha Mathur, M. Agrawal and H. Dadhich: (2016)" Pathological observations of hepatitis in dogs". Pp-102. Seminar at Pookode National congress on canine practice. Indian society for advancement of canine practice
26. Anupam Buri, H. Dadhich, Vinita Kumari and M. Mathur : A review on collection, preservation of biological samples for toxicological analysis in autopsy cases. Page no. 50. National Conference on "New Horizons of Veterinary and Medical Forensic Medicine" from 5- 6 March 2016 at Rajasthan University of Veterinary and Animal Sciences, Bikaner.
27. Anupam Buri, H. Dadhich, Vinita Kumari and M. Mathur : Veterinary forensic pathology: Future directions. Page no. 44. National Conference on "New Horizons of Veterinary and Medical Forensic Medicine" from 5- 6 March 2016 at Rajasthan University of Veterinary and Animal Sciences, Bikaner.
28. Abhilasha Dadhich, Manisha Mathur, H. Dadhich and A.P. Singh: Folliculitis in camel (*Camelus dromedarius*)- a case report. National Seminar on "Translational Research in Biotechnology for improving animal health and production"
29. Renu, S. Kumar, Sunita Rani, M. Mathur and M. Mehra: Interstitial nephritis in dog-A case report. National Seminar on "Translational Research in Biotechnology for improving animal health and production"
30. Manisha Mathur, M. Agrawal and H. Dadhich: Pathological observations of hepatic abscesses in dogs. Page no.237 -238. 14th Annual Convention of ISACP, 2017.
31. Manish Agarwal; H. Dadhich; M. Mathur;. (2016): Pathological observations of toxic hepatitis in dogs . National Conference on "New Horizons of Veterinary and Medical Forensic Medicine" from 5- 6 March 2016 at Rajasthan University of Veterinary and Animal Sciences, Bikaner.
32. Manisha. Mathur and Hemant. Dadhich(2016) Pathological and haematobiochemical observations of seborrheic Dermatitis in Camel (*Camelus dromedarius*).
33. Abhilasha Dadhich; Sanjay Kumar; Manish Agrawal and Manisha Mathur (2018): Pathological observation of intestinal coccidiosis in camel (*Camelus Dromedarius*). Presented at the XXVII National Congress of Veterinary Parasitology and National Symposium On "Technologies for sustainable parasite control and readdressal of detection methods directed for upliftment of rural economy" from 12 – 14 February 2018 at Udaipur, Rajasthan.
34. Sonia Sharma, Hemant Dadhich, Manisha Mathur, Manisha Mehra (2021): Histopathological Confirmation Of Oral Squamous Cell Carcinoma In Dog: A Case Report. Advances in Veterinary Pathology for Diagnosis and Control of Emerging and Re-emerging Diseases of Livestock, Wild Animals and Poultry"17th-19th December, 2021.
35. Sarjna Meena, H. Dadhich, R. Dadhich, I. Vyas, D.S.Meena, M. Mathur, A. Rathore , Manisha Mehra, S. Asopa, Sandeep Marodia and Sunil Jangid (2021): Severe Dermatophytosis in A Persian Cat : A Case Report. Advances in Veterinary Pathology for Diagnosis and Control of Emerging and Re-emerging Diseases of Livestock, Wild Animals and Poultry"17th-19th December, 2021
36. Punam Chaudhary, R. Choudhary, M. Mathur, H. Dadhich, M. Mhera, I. Vyas (2021): Fibrinous Pericarditis in Buffalo-A case report. Advances in Veterinary Pathology for Diagnosis and Control of Emerging and Re-emerging Diseases of Livestock, Wild Animals and Poultry"17th-19th December, 2021
37. Sarjna Meena, H. Dadhich, R. Dadhich, I. Vyas, D.S.Meena, Manisha Mathur, Anita Rathore, Manisha M., Shesh A., Sandeep Marodia and Sunil Jangid (2021): Pathomorphological And Cytological Detection Of Avian Malaria. Advances in Veterinary Pathology for Diagnosis and Control of Emerging and Re-emerging Diseases of Livestock, Wild Animals and Poultry"17th-19th December, 2021
38. Renu, H. Dadhich, M. Mathur, P.K. Boyal, M. Mehra, S. Asopa, Deepak Kumar Pankaj and Pradeep Makawana (2021): Pathological changes in heart in sheep associated with *Clostridium perfringens* type D enterotoxemia. Advances in Veterinary Pathology for Diagnosis and Control of Emerging and Re-emerging Diseases of Livestock, Wild Animals and Poultry"17th-19th December, 2021
39. Pravin Bano, H. Dadhich, M. Mathur, I. Vyas, M. Mehra, and R. Poonia (2021): Calcification of aorta in sheep (*Ovis aries*): A case report. Advances in Veterinary Pathology for Diagnosis and Control of Emerging and Re-emerging Diseases of Livestock, Wild Animals and Poultry"17th-19th December, 2021
40. Shesh Asopa, I. Vyas, H. Dadhich, A. Joshi, M. Mathur, S. Rani and M. Mehra (2021): Pathological findings of sarcosporidiosis in tongue of camel (*Camelus dromedarius*). Advances in Veterinary Pathology for Diagnosis and Control of Emerging and Re-emerging Diseases of Livestock, Wild Animals and Poultry"17th-19th December, 2021
41. Shesh Asopa, I.Vyas, H. Dadhich, A. Joshi, M. Mathur and M. Mehra (2021): Bacterial isolation and identification from liver lesions during necropsy in camels (*Camelus dromedarius*). Advances in Veterinary Pathology for Diagnosis and Control of Emerging and Re-emerging Diseases of Livestock, Wild Animals and Poultry"17th-19th December, 2021

42. P. Kumari, H.Dadhich, M. Mathur, P. Rathore, M. Mehra and P. Jangu (2021): Histopathological observations in lip and gum of goats (*Capra hircus*). *Advances in Veterinary Pathology for Diagnosis and Control of Emerging and Re-emerging Diseases of Livestock, Wild Animals and Poultry* 17th-19th December, 2021

44. Shobha Burdak¹, Indu Vyas, Manisha Mathur, Manisha Mehra, Poonam Gupta, Renu, Pradeep Makwana (2021): Hydronephrosis of Kidney in Pig. *Advances in Veterinary Pathology for Diagnosis and Control of Emerging and Re-emerging Diseases of Livestock, Wild Animals and Poultry* 17th-19th December, 2021

43. CO-Chairperson in Poster -Session in 22nd Indian Veterinary Congress and XXIX Annual Conference of IAAVR & National Symposium on "Advancements in Conference of IAAVR contributing to One Health" for betterment of Animal and Public Health and their welfare to be held at MPUAT, Udaipur on April 08-09, 2022.

44. CO CHAIRMEN INTERNATIONAL VETERINARY PATHOLOGY CONGRESS 2021 XXXVIII Annual Conference of Indian Association of Veterinary Pathologists and XII Annual Meeting of Indian College of Veterinary Pathologists and International Symposium on "Advances in Veterinary Pathology for Diagnosis and Control of Emerging and Re-emerging Diseases of Live Stock, Wild Animals and Poultry" 17-19 DECEMBER. 2021.

45. CO-CHAIRPERSON of session -11 INTERNATIONAL VETERINARY PATHOLOGY CONGRESS 2021 XXXVIII Annual Conference of Indian Association of Veterinary Pathologists and XII Annual Meeting of Indian College of Veterinary Pathologists and International Symposium on "Advances in Veterinary Pathology for Diagnosis and Control of Emerging and Re-emerging Diseases of Live Stock, Wild Animals and Poultry" 17-19 DECEMBER. 2021.

46. Lead Paper - By :- Manisha Mathur

Lead Paper 'Pathological study of malnourished and dehydrated cattle'

XXXIX Annual Conference of Indian Association of Veterinary Pathologists, and XIII Annual Meeting of Indian College of Veterinary Pathologists and International Symposium on 'GLOBAL CHALLENGES IN RAPID DIAGNOSIS AND MANAGEMENT OF ANIMAL AND POULTRY DISEASES FOR IMPROVED HEALTH AND PRODUCTION' 17th to 20th NOVEMBER 2022

RESEARCH PROJECTS:

1. Incidence and classification of kidney lesions in sheep

2. Pathological and haemato- biochemical studies of skin lesions in camel (*Camelus dromedarius*)

3. "Assessment of occurrence of various diseases in camel (*Camelus dromedarius*) prevailing in arid and semi-arid region of Rajasthan state using pathological diagnostic tools and development of field based diagnostic/ sampling techniques for identification of camel diseases". – Co- P.I.

DIAGNOSTIC SERVICES:

1. Post- mortem examination of Cattle, Buffaloes, Sheep, Goats, Camel and Poultry for diagnosis of diseases.

2. Diagnosis of various diseases including infectious diseases by histopathology of biopsies, isolation, culture and sensitivity of causal organisms.

3. Involved in diagnosis of the various disease outbreaks viz. FMD, Black quarter, Haemorrhagic septicaemia, Schistosomiasis etc. in the Rajasthan state and working as expert pathologist in the team of scientists during outbreaks of these diseases.

4. Involved in the establishment of Clinical Pathology laboratory in the department for the diagnosis of diseases by haematological, biochemical and immunological tests.

5. Involved in the establishment of Clinical Pathology laboratory in the TVCC for the diagnosis of diseases by haematological, biochemical and immunological tests.

1. Post- mortem examination of Cattle, Buffaloes, Sheep, Goats, Camel and Poultry for diagnosis of diseases.

2. Diagnosis of various diseases including infectious diseases by histopathology of biopsies, isolation, culture and sensitivity of causal organisms.

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4. Involved in the establishment of Clinical Pathology laboratory in the department for the diagnosis of diseases by haematological, biochemical and immunological tests.

5. Involved in the establishment of Clinical Pathology laboratory in the TVCC for the diagnosis of diseases by haematological, biochemical and immunological tests.

DR. MANISHA MATHUR- LIST OF PUBLICATIONS

RESEARCH PAPERS PUBLISHED

1. Manisha Mathur; Dadhich, H. and Sharma, G.D. (2000): Histopathological observations on tuberculosis in kidneys of sheep. *Indian J. Vet. Pathol.* 24: 117- 118.
2. Manisha Mathur, Dadhich, H.; Khare, S. and Sharma, G.D. (2001): Histopathological observations of adenoma of kidney in sheep. *Indian Vet. J.* 78 : 61.
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4. Manisha Mathur; Dadhich, H. and Sharma, G.D. (2002): Various circulatory disturbances in kidney of sheep. *Indian J. Vet. Pathol.* 26: 90- 91.
6. Manisha Mathur; Dadhich, H. and Khare, S. (2003): Histopathological observations of cystic lesions in kidney of sheep. *Indian Vet. Med. J.* 27: 85- 88.
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17. Manisha Mathur; Dadhich, H.; Sharma, G.D. and Khare, S. (2005): Histopathological observations of interface dermatitis in camel (*Camelus dromedarius*) in different areas of Rajasthan. *Vet. Practitioner* 6: 151- 152.
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Occurrence and pathology of various conditions in Abomasum of one humped camel(*Camelus dromedarius*) in western Rajasthan *Vet. Practitioner* 16: 236- 237.
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76. LEAD Paper in 22nd Indian Veterinary Congress and XXIX Annual Conference of IAAVR & National Symposium on "Advancements in Veterinary Medical Research contributing to One Health" for betterment of Animal and Public Health and their Welfare" to be held at MPUAT, Udaipur on April 08-09, 2022. "Sample collection methods in important wild life diseases : Important tool in disease diagnosis "
77. Lecture in disease diagnosis Training of SC Boys students organized by Department of Medicine CVAS Bikaner Diagnosis of Infectious Diseases of Livestock and Poultry During Outbreaks. Topic of lecture was "NEWCASTLE "S DIAEASE AND MAREK" S DISEASE OF POULTRY "
78. A STUDY ON ALTERATION IN HAEMATO-BIOCHEMICAL PARAMETERS IN AFFECTED DIARRHOEIC BUFFALO CALVES Rachna Poonia^{*1}, A. Choudhary², Sumnil Marwaha³, N. Godara⁴, H. Dadhich⁵ and M. Mathur⁶ Department of Veterinary Pathology, College of Veterinary and Animal Science Rajasthan University of Veterinary and Animal Sciences, Bikaner- 334 001, Rajasthan, India *Veterinary Practitioner* Vol. 23 No. 2 December 2022
79. "Evaluation of serum total protein, albumin, globulin, BUN and creatinin level in sheep in various Renal affections " Neelam Godara, M. Mathur, H. DADHICH, Pooja Prajapat, Rashmi, R. Poonai and Sajjan Kumar Haryana veterinary journal (dec 2022) 61(2), 276-278.
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105. Poonam Gupta, Shesh Asopa, H. Dadhich, S. Rani, M. Mathur, I. Vyas, M. Mehra and D.K. Pankaj (2022): Occurrence and pathology of Ascariasis in pig (*Sus scrofa domesticus*). *Veterinary Practitioner. 23(2): 369-370.*
106. Neelam Godara, M Mathur, H. Dadhich, Pooja Prajapat, Rashmi, R. Poonia and Sajjan Kumar "EVALUATION OF SERUM PROTEIN, ALBUMIN, BUN, AND CREATININ LEVEL IN SHEEP IN VARIOUS RENAL AFFECTIONS" *Haryana vet. (December, 2022) 61 (2), 276-278*
107. Seema Meena, Ramhari Meena, Manisha Mehra And Manisha Mathur (2023): Occurrence of Various Pathological Conditions in Lungs of Pig. *Haryana Vet. 62(1), 60-63.*
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109. Shobha Burdak, Indu Vyas, Hemant Dadhich, Manisha Mathur, Sunita Rani, Manisha Mehra And Shesh Asopa (2024): Occurrence and Pathology of Nephrocalcinosis In Pig. *J. Exp. Zool. India. 27(2).*
110. Shobha Burdak, Indu Vyas, Hemant Dadhich, Manisha Mathur, Manisha Mehra, Shesh Asopa, Pradeep Makawana and Renu (2024): Histopathological Studies on Glomerulonephritis in Pig. *Progressive Research: An International Journal. 19 (1): 37-39.*
111. Jay K. Desai, Manisha Mathur, Hemant Dadhich, Manisha Mehra and Shesh Asopa (2024): Cutaneous Mast Cell Tumour in Dog: A Cytological and Histopathological Study. *Haryana Vet. (March, 2024) 63(SI), 131-132.*
112. Bano P., Mathur M., Dadhich H., Mehra M. and Asopa S. (2023). Clinico- pathological study of aspiration pneumonia in goats. *Veterinary Practitioner, 24(2): 240-242.*

STUDENTS

Major advisor of PhD students —4 and M.V.Sc students:---9 students

Advisor of PhD students —2 and M.V.Sc students :---11 students

PERMANENT POSTS HELD IN UNIVERSITY

(a) Chairmen of Institutional Animal Ethics committee (IAEC)

(b) Member of Board of studies

(c) Member of Academic council

(d) In charge central store of Rajasthan university of veterinary and animal sciences Bikaner.

(e) Member of anti raging squad

(f) Member of committee for prevention, prohibition and redressal mechanism of sexual harassment of women employees

PAPER SETTER

(a) Act as paper setter of Bihar Public Service Commission (Animal Husbandry and Animal Science) for year 2021(Objective) , 2022 (objective and Subjective both) , 2023 (Objective)

(b) Question Paper Setter 2ND YEAR ;--for Guru Angad Dev Veterinary and animal science university Ludhiana , PV Narsimha Rao veterinary University Telangana Rajendranagar Hyderabad , Nanaji Deshmukh veterinary science university , College Of Veterinary Science &A.H Kamdhenu University Sardarkrushinagar , Lala Lajpat Rai University Of Veterinary And Animal Sciences, Hisar , College Of Veterinary Sci&Animal Husbandry Junagad , Rajasthan University Of Veterinary and Animal Sciences Bikaner ,

(c) Pre Ph.D test paper for Veterinary Pathology 2018-2019 RAJUVAS Bikaner

(d) Pre PG test for Veterinary Pathology 2017-2018 RAJUVAS Bikaner

4. External Examiner for M.V.Sc and Ph.D for Universities of Bihar Veterinary College, Bihar Animal Sciences University ,PATNA , for U.P. Pandit Deen Dayal Upadhyaya Pashu Chikitsa Vigyan Vishwavidyalaya evum Go Anusandhan Sansthan Mathura (DUVA-SU) , Guru Angad Dev Veterinary and Animal sciences University Ludhiana-(Punjab), INDIA, College Of Veterinary Science &A.H Kamdhenu University Sardarkrushinagar-(gujrat),

5. Duties assigned :-

i) Convenor Candidate's Identification Committee In BVSc&AH ADMISSIONS

ii) Member of selection committee for assistant professors in veterinary pathology

iii) Member Of Document Verification Committee for assistant professors

(iv) Member Of committee For plagiarism Policy Making For RAJUVAS

(v) Convener scientific sessions committee in Pharmacology conference

(vi) Convener for checking application and documents for post of T.A

(vii) Member of document verification committee for interview of assistant professors

(viii) ASSESSMENT OF TEACHER FOR PROMOTION UNDER CAREER ADVANCEMENT SCHEME IN THE DISCIPLINE OF VETERINARY Pathology. Lala Lajpat Rai University Of Veterinary And Animal Sciences, Hisar

(ix) Walk in interview for engagement of teaching associates

(x) Member of interview board for selection of assistant professors in subject of veterinary pathology.