

Curriculum vitae



Dr. Urveshkumar D. Patel
(M.V.Sc., Ph.D.)
Associate Professor and Head,
Department of Pharmacology and Toxicology,
College of Veterinary Science & A.H.,
Junagadh – 362 001
Kamdhenu University, Gandhinagar
Mail: urvesh1981@yahoo.com
Mobil No.- +91 9725003818

Educational Qualification:

Ph.D., M.V.Sc., B.V.Sc. & A.H. (Veterinary Pharmacology & Toxicology)

Achievement/Award:

1. **Awarded as Associate Fellow** of Indian Society of Veterinary Pharmacology and Toxicology, India for the year 2021.
2. **Best e-Poster presentation (Second Position) Award** by ISVPT in XX Annual Conference of ISVPT-2020 held at Veterinary College, Mathura during 2020
3. **Best Oral Presentation Award** by ISVPT in XIX Annual Conference of ISVPT-2019 held at Veterinary College, Mannuthi, Kerala during 18-20 December, 2019.
4. **Best Poster Presentation Award** by ISVPT in XIX Annual Conference of ISVPT-2019 held at Veterinary College, Mannuthi, Kerala during 18-20 December, 2019
5. **Prof. J.P. Trivedi Award** by Shri Hari-Om-Ashram, Nadiad for contribution in the field of Pharmacokinetics of Antibacterial drugs in Domesticated Animals on 23rd, December, 2013.
6. **Young Scientist Award** by the Indian Society of Veterinary Pharmacology and Toxicology, India for year 2010.
7. **1st position award in State level Post Graduate Paper presentation competition - 2008** for Agricultural Universities of Gujarat held at Sardarkrishi Nagar, Dantiwada during February, 14-15, 2008.

Professional Association/Membership*:

1. Editorial board member - Journal of Microbiology and Antimicrobials
2. Editorial board member – International Journal of Pharmacology
3. Editorial board member –Asian Journal of Animal and Veterinary Advances

4. Editorial board member – Research Journal of Veterinary Sciences
 5. Editorial board member – Research Journal of Environmental Toxicology
 6. Editorial board member – International Journal of Veterinary Science
 7. Editorial board member – International Journal of Agriculture and Biosciences
 8. Editorial board member- The Indian Journal of Veterinary Science
 9. Editorial board member- Advances in Agricultural Biotechnology
 10. Editorial board member- Asian J of Agricultural Economics and Rural Development
 11. Editorial board member- African Journal of Agriculture
 12. Editorial board member- American Journal of Drug Discovery and Development
 13. Editorial board member – African Journal of Poultry Farming
 14. Editorial board member – Annals of Phytomedicine
 15. Editorial board member – Current Research in Neuroscience
 16. Editorial board member – International Journal of Agriculture and Biosciences
 17. Editorial board member – Journal of Pharmacology and Toxicology
 18. Reviewer of Journal of Veterinary Science
 19. Reviewer of Toxicology and Industrial Health
 20. Reviewer of VetScan Journal
 21. Life member of Indian Society of Veterinary Pharmacology and Toxicology
 22. Member of Indian Veterinary Council / Gujarat Veterinary Council
 23. Life member of Laboratory Animal Scientists Association (LASA)
- (*Acted as editorial board member for particular time period)

Important Publications:

1. Patel, U.N., **Patel, U.D.**, Khadayata, A.V. *et al.* Long-term exposure of the binary mixture of cadmium and mercury damages the developed ovary of adult zebrafish. *Environ Sci Pollut Res* (2022). <https://doi.org/10.1007/s11356-022-18988-4>
2. Modi CM, Bhatt PR, Patel UD, Patel HB, Pandya KB. (2022). Immunomodulatory effect of the hydroalcoholic extract of *Abrus precatorius* L. leaves against cyclophosphamide-induced immunosuppression in mice. *Arch Biol Sci.*73(2):279-90. <https://www.serbiosoc.org.rs/arch/index.php/abs/article/view/6302>
3. Patel, U.N., **Patel, U.D.**, Khadayata, A.V. *et al.* Assessment of Neurotoxicity Following Single and Co-exposure of Cadmium and Mercury in Adult Zebrafish: Behavior Alterations, Oxidative Stress, Gene Expression, and Histological Impairment in Brain. *Water Air Soil Pollut* **232**, 340 (2021). <https://doi.org/10.1007/s11270-021-05274-1>
4. **U. D. Patel**, P. R. Bhatt, K. B. Pandya, H. B. Patel & C. M. Modi. (2020). Cadmium induced oxidative stress-mediated pathophysiological alterations in chickens and their amelioration by polyherbal mixture enriched feed. *Indian Journal of Traditional Knowledge.* 20 (1): 41-53.
5. V. B. Chauhan, C. M. Modi, U. D. Patel, and H. B. Patel. (2020). The effect of piperine pre-conditioning on the pharmacokinetics of orally administered marbofloxacin in rats. *Veterinarski Arhiv.* 90 (1):69-75.
6. P. R. Bhatt, Kajal B. Pandya, **U. D. Patel**, H. B. Patel And C. M. Modi (2019). Survey on Ethnoveterinary Practices around Junagadh, Gujarat, India. *Indian Journal of Pharmaceutical Sciences.* 81(1):161-167

7. HB Patel, **UD Patel**, BS Mathapati, CM Modi (2019). Effect of piperine and quercetin alone or in combination with marbofloxacin on CYP3A37 and MDR1 mRNA expression levels in broiler chickens. *Research in veterinary science*. 126: 178-183.
8. Kotadiya Chintu R., **Patel Urvesh, D.** Patel Harshad B., Modi Chirag M. and Fefar Dhaval T. (2018). Effect of *Opuntia elatior* fruit juice and quercetin on biochemical parameters and histopathological changes in diabetic rats. *Indian Journal of Traditional Knowledge* 17(3): 576-583.
9. Amit R Bhadaniya, Vinay A Kalariya, Dilip V Joshi, Bakor J Patel, Sandhya Chaudhary, Hitesh B Patel, Jignesh M Patel, **Urvesh D Patel**, Harshad B Patel, Sanjay N Ghodasara, and Harish H Savsani (2015). Toxicopathological evaluation in Wistar rats (*Rattus norvegicus*) following repeated oral exposure to acephate. *Toxicol Ind Health*. 31(1):9-17. doi:10.1177/0748233712468017
10. Satish D. Patel, Kamlesh A. Sadariya, Anil K. Gothi, **Urvesh D. Patel**, Pradhuman A. Gohil, Mukul R. Jain, Shailesh K. Bhavsar and Aswin M. Thaker. (2011). Effect of Moxifloxacin Administration on Pharmacokinetics of Tolfenamic Acid in Rats. *Brazilian Archives of Biology and Technology*. 54 (4): 739-744.
11. Jayesh J. Maradiya, Harshad V. Goriya, Shailesh K. Bhavsar, **Urvesh D. Patel**, and Aswin M. Thaker. (2010). Pharmacokinetics of ceftriaxone in calves. *Veterinarski Arhiv*. 80 (1): 1-9.
12. Prakash N Patel, **Urvesh D Patel**, Shailesh K Bhavsar and Aswin M Thaker (2010). Pharmacokinetics of Cefepime Following Intravenous and Intramuscular Administration in Sheep. *Iranian Journal Pharmacology and Therapeutics*. 9(1):7-10.
13. Gohil PV; **Patel UD**; Bhavsar SK. and Thaker AM. (2009). Pharmacokinetics of ceftriaxone in buffalo calves (*Bubalus bubalis*) following intravenous and intramuscular administration. *Iranian Journal of Veterinary Research*. 10 (1): 33-37.
14. Varia, R.D., Patel, J.H., **Patel, U.D.**, Bhavsar, S.K. & Thaker, A.M. (2009). Disposition of levofloxacin following oral administration in broiler chickens. *Israel Journal of Veterinary Medicine*. 64, 118-121.
15. Kalpesh Patani; **Urvesh Patel**; Shailesh Bhavsar; Aswin Thaker and Joravarsinh Sarvaiya. (2006). Single Dose Pharmacokinetics of Cefepime after Intravenous and Intramuscular Administration in Goats. *Turkish Journal of Veterinary and Animal Sciences*. 32(3):159-162.
16. **Patel, U.D.**; Bhavsar, S.K., and Thaker, A.M. (2006) Pharmacokinetics and Dosage Regimen of Cefepime Following Single Dose Intravenous Administration in Calves. *Iranian Journal of Pharmacology & Therapeutics*. 5 (2): 127-130.

Other Publications:

17. Patel, H.B., Patel, U.D., Modi, C.M., Ladumor, V.C., Makwana, C.N. and Rao, S.S. (2021). Pharmacokinetics of marbofloxacin following oral administration in piperine, quercetin alone and both in combination pretreated broiler chickens. *Indian Journal of Animal Research*. DOI: 10.18805/IJAR.B-4300.

18. B. B. Javia*, B. S. Mathapati, D. B. Barad, S. N. Ghodasara, H. H. Savsani, A. R. Bhadaniya, D. T. Fefar, U. D. Patel and S. H. Sindh. (2020). Bacteriological and Molecular Detection with Antimicrobial Resistance Pattern of Major Streptococcus spp. Isolated from Bovine Mastitis. *Int.J.Curr.Microbiol.App.Sci* (2020) 9(11): 2443-2451.
19. Patel, H. B., Patel, U. D., Modi, C. M., Fefar D. T. and Bhadaniya A. R. (2020). Effect of piperine and quercetin pretreatment on safety profile of marbofloxacin after repeated oral administration in broiler chickens. *Annals of Phytomedicine*. 9(2):283-292.
20. Patel, H. B., Patel, U. D., Modi, C. M. and Javia B. B. (2020). Hematological and biochemical profile after repeated dose intravenous administration of marbofloxacin in broiler chickens. *Journal of Veterinary Pharmacology and Toxicology*, 19(1): 77-81
21. MJ Bharai, JS Patel, VL Parmar, UD Patel, DT Fefar (2020). Prevalence of Equine Piroplasmiasis in and Around Junagadh in Horses The Indian Journal of Veterinary Sciences and Biotechnology 15 (03): 49-51
22. CN Makwana, Shreeshra Rao S, U. D. Patel, H. B. Patel, Modi, C. M, D. T Fefar (2019). Status of Oxidative Stress in Cerebral Cortex and Testes, Acetylcholinesterase Activity in Cerebral Cortex and Sperm Parameters in Cadmium-Exposed Rats. *Indian Journal of Animal Research*. 1-9. Online first
23. SL Solanki, CM Modi, HB Patel, **UD Patel**, DH Bhadarka (2019). Phytochemical screening and thin-layer chromatography of six medicinal plants from the surroundings of Junagadh, Gujarat, India. *Journal of Pharmacognosy and Phytochemistry* 8 (4), 3122-3126.
24. Patel JH, Priti Vihol, Sadariya KA, **UD Patel**, Varia Rasesh, Bhavsar SK and Thaker A.M. (2019). Pretreatment with trikatu augments pharmacokinetic profile and bioavailability of orally administered levofloxacin in goat. *Annals of Phytomedicine* 8 (1), 172-177.
25. Chauhan VB, Modi CM, Patel HB, **UD Patel**. (2019). Evaluation of pathophysiological alterations in rats administered with marbofloxacin alone and with piperine pretreatment. *Annals of Phytomedicine* 8 (1), 178-184.
26. Punit R. Bhatt, Urvesh D. Patel, Chirag M. Modi, Kajal B. Pandya and Harshad B. Patel. (2019). Thin-layer chromatography and in vitro free radical scavenging activity of few medicinal plants from the surroundings of Junagadh, Gujarat, India. *Annals of Phytomedicine* 8(1): 45-55.
27. CM Modi, **UD Patel**, HB Patel (2019). Effect of piperine pre-conditioning on pharmacokinetics of marbofloxacin following subcutaneous administration in rats. *The Pharma Innovation Journal* 8 (9), 259-263
28. Harshad Patel, **UD Patel**, Chirag Modi, Punit Bhatt, Kajal B Pandya. (2019). *In vitro* anti-diabetic activity of various indigenous medicinal plants of Junagadh region (Gujarat, India). *The Pharma Innovation Journal* 8 (4), 1133-1138.
29. CM Modi, Kajal B Pandya, Punit Bhatt, Harshad B Patel, **UD Patel**. (2019). Comparative Evaluation of in vitro Anti-Inflammatory Activity of Different Extracts of Selected Medicinal Plants from Saurashtra Region, Gujarat. *International Journal of Current Microbiology and Applied Sciences* 8 (5): 1886-1898.

30. **UD Patel**, AM Thaker, SK Bhavsar, SD Patel, R Singh, JH Patel. (2019). Pharmacokinetics of levofloxacin after oral administration in normal and ketoprofen-treated sheep. *The Pharma Innovation* 8 (6), 729-733.
31. Kajal B Pandya, Harshad B Patel, Punit R Bhatt, Urvesh D Patel and Chirag M Modi (2019). In vitro antibacterial activity of sixteen medicinal plants collected from nearby region of Junagadh, Gujarat (India). *The Pharma Innovation Journal*. 8(4): 662-667
32. S.S. Rao, C.N. Makwana, **U.D. Patel**, V.C. Ladumor, H.B. Patel and C.M. Modi. (2019). Oxidative Stress Mediated Dose-Dependent Pathophysiological Alterations in Liver, Kidney, Heart and Intestine of Rats Exposed to Different Levels of Cadmium Chloride. *International Journal of Current Microbiology and Applied Sciences*. 8(1): 393-409.
33. Urvesh D. Patel, Aswin M. Thaker And Shailesh K. Bhavsar, (2019). Disposition of orally administered levofloxacin in Lipopolysaccharide induced febrile model of sheep. *Journal of Veterinary Pharmacology and Toxicology*. 18(1): 22-25.
34. Satish D Patel, **Urvesh D Patel**, Kamlesh A Sadariya, Aswin M Thaker, Shailesh K Bhavsar and Harilal Patel. (2018). Disposition of metformin on concomitant administration of erlotinib and meloxicam in SCID mice. *The Pharma Innovation Journal*. 7(3): 173-177.
35. Satish D Patel, **Urvesh D Patel**, Kamlesh A Sadariya, Aswin M Thaker, Shailesh K Bhavsar and Harilal Patel (2018) Impact on pharmacokinetics of erlotinib by meloxicam and metformin administration in SCID mice. *The Pharma Innovation Journal*. 7(8): 432-436.
36. S.D. Patel, **U.D. Patel**, K.A. Sadariya, S.K. Bhavsar and A.M. Thaker. (2018). Impact of Erlotinib and Metformin Administration on Pharmacokinetics of Meloxicam in SCID Mice. *International Journal of Current Microbiology and Applied Sciences*. 7(3): 2252-2260.
37. Shaul Ahmed, Urvesh D. Patel, Dixita H. Bhadarka, Harshad B. Patel and Chirag M. Modi (2018). Modulation of antioxidant defense system by polyherbal extract mixture which ameliorated the pathophysiological alterations in streptozotocin induced diabetic rats. *Annals of Phytomedicine* 7(2): 102-113.
38. Dixita H. Bhadarka, Urvesh D. Patel , Shaul Ahmed, Harshad B. Patel , Chirag M. Modi and Dhaval T. Fefar (2018). Biochemical and histologic evaluation following multiple dose administration of paracetamol alone and along with polyherbal extract mixture in rats. *Annals of Phytomedicine* 7(2): 114-123.
39. Chirag M. Modi, Vipul C. Ladumor, Urvesh D. Patel, Harshad B. Patel, Shivani L. Solanki and Dixita H. Bhadarka. (2018). Phytochemical analysis and comparative study of *in vitro* free radical scavenging activity of different extracts of leaves of *Abrus precatorius* L. *Annals of Phytomedicine* 7(2): 133-137.
40. Harshad B. Patel, **Urvesh D. Patel**, Chirag M. Modi, Shaul R. Ahmed and Shivani L. Solanki (2018). Pharmacokinetic profiles of marbofloxacin following single and repeated oral administration in broiler chickens. *Annals of Phytomedicine* 7(2): 174-179.

41. H. B. Patel, **U. D. Patel**, C. M. Modi and D. H. Bhadarka (2018). Pharmacokinetics of Marbofloxacin Following Single and Repeated Dose Intravenous Administration in Broiler Chickens. *International Journal of Current Microbiology and Applied Sciences*. 7(6): 2344-2351.
42. B.B. Javia, J.H. Purohit, B.S. Mathapati, D.B. Barad, H.H. Savsani, S.N. Ghodasara (2018). Molecular Detection and Antimicrobial Resistance Pattern of Staphylococci Isolated from Clinical and Subclinical Bovine Mastitis. *The Indian Journal of Veterinary Sciences & Biotechnology*. 14(1):13-16
43. Bhadarka Dixita H., Patel Urvesh D., Solanki Shivani L., Modi Chirag M., Patel Harshad B. and Singh V.K. (2018). Antioxidant effect of poly-herbal extract mixture against paracetamol induced oxidative alterations in rats. *The Pharma Innovation Journal*. 7(12). 443-448.
44. Patel Jatin H., Vihol Priti, Sadariya Kamlesh, Patel Urvesh, Varia Rasesh, Bhavsar Shailesh and Thaker Ashwin (2018). Effect of Ketoprofen Co-Administration and Febrile State on Pharmacokinetics of Levofloxacin in Goats Following Intravenous Administration. *Int.J.Curr.Microbiol.App.Sci*. 7(10): 2477-2483.
45. Satish D Patel, Urvesh D Patel, Kamlesh A Sadariya, Aswin M Thaker and Shailesh K Bhavsar (2018). Blood biochemical profile following administration of erlotinib, meloxicam and metformin alone and in combination in SCID mice. *The Pharma Innovation Journal*. 7(10): 712-715
46. Chintu, R. Kotadiya, **Urvesh D. Patel**, Vipul B. Chauhan, Harshad B. Patel, Chirag M. Modi, Punit R. Bhatt, Kajal B. Pandya and Trushen M. Shah (2017). In-vitro antioxidant and antidiabetic activity of Hydro alcoholic extract of Opuntia elatior Fruit as well as quercetin. *International Journal of Science, Environment and Technology*. 6(2):1028 – 1035.
47. Chintu Kotadiya, **U.D. Patel**, C.M. Modi, H.B. Patel, V.A. Kalaria and V.B. Chauhan (2017). Effect of Opuntia elatior fruit juice and quercetin administration on glucose level, lipid profile, hyperalgesic response and spontaneous motor activity in diabetic rats. *The Pharma Innovation Journal*. 6(8): 150-155.
48. Ladumor, V.C., Shrisha, R.S., Makwana, C.N., Modi, C.M., Patel, H.B., **Patel, U.D.** and Bhatt, P.R. (2017). In vitro free radical scavenging activity of Nyctanthes arbor-tristis L. leaf extracts. *The Pharma Innovation Journal*. 6(10): 391-393.
49. Vipul B. Chauhan, Chirag M. Modi, **Urvesh D. Patel**, Harshad B. Patel, Vinay A. Kalaria, Dhaval T. Fefar, Dixita H. Bhadarka, Shivani L. Solanki and Shaul R. Ahmed (2017). Safety profile of marbofloxacin following repeated intramuscular administration alone and piperine pretreated rats. *Annals of Phytomedicine*. 6(2): 88-92.
50. Shaul Ahmed R., Punit R. Bhatt, Chirag M. Modi, Vipul B. Chauhan, Kajal B. Pandya, **Urvesh D. Patel** and Harshad B. Patel (2017). *In-vitro* anti-diabetic activity of different proportions of various extracts from Glycyrrhiza glabra and Tinospora cordifolia. *The Pharma Innovation Journal*. 6(3): 37-39.
51. Vipul B. Chauhan, Chirag M. Modi, **Urvesh D. Patel**, Harshad B. Patel, Kajal B. Pandya, Punitkumar R. Bhatt. (2016). Evaluation of In-vitro anti-inflammatory

- activity of *Glycyrrhiza glabra* and *Tinospora cordifolia*. International Journal of Science Environment. 5 (6):4518-4521.
52. T.M. Shah, U.D. Patel, V.R. Nimavat, D.T. Fefar, V.A. Kalaria, B.B. Javia, H.H. Savsani And C.R. Kotadiya. (2016). Toxicopathological studies on experimentally induced lead acetate toxicity in broiler chickens with protective effect of *Opuntia elatior* and *Withania somnifera*. The Asian Journal of Animal Science. 11(1): 33-39.
 53. Shah Trushen M, Nimavat V R.; Patel Urvesh D.; Bhadaniya A R.; Padodara R J.; Modi C M, Patel H B. (2016). Protective effect of *Opuntia elatior* and *Withania somnifera* against lead acetate induced toxicity in chickens. The Indian Journal of Veterinary Sciences and Biotechnology. 11(4):1-5.
 54. J. H. Patel, Priti D. Vihol, U. D. Patel, R. D. Varia, S. K. Bhavsar And A. M. Thaker. (2015) Effect of ketoprofen co-administration and febrile state on pharmacokinetic of levofloxacin in goats Journal of Veterinary Pharmacology and Toxicology. 14(1): 22-25
 55. Vipul B. Chauhan, Chintu R. Kotadiya, **Urvesh D. Patel**, Chirag M. Modi, Harshad B. Patel, Kajal B. Pandya, Punitkumar R. Bhatt. (2016). In-vitro free radical scavenging activity of different proportions of *Glycyrrhiza glabra* and *Tinospora cordifolia*. International Journal of Science Environment. 5 (3):1041 – 1045.
 56. Patel Harshad B., **Patel Urvesh D.**, Modi Chirag M., Javia Bhavesh B.,Bhatt Punit R., Pandya Kajal B. (2015). In-vitro antimicrobial effect of *Adhatoda vasica*, *Annona squamosa*, *Aloe vera*, *Butea monosperma* and *Prosopis juliflora*. World Journal of Pharmaceutical Research. 4(12):1168-77.
 57. Ratndeeep Singh, S.K. Bhavsar, J.H. Patel, R.D. Varia, **U.D. Patel** and A.M. Thaker (2014). Pharmacokinetics and bioavailability of ketoprofen after single dose intravenous and intramuscular administration in cattle. Wayamba Journal of Animal Science –P820-P823, 2014 Number 1384505615
 58. U.D. Patel, S.K. Bhavsar, A.M. Thaker, K.S. Damle, I.H. Kalyani, D.J. Ghodasara, D.S. Nauriyal And D. Swarup. (2014). In-Vitro Antibacterial Activity Of Alkaloids Isolated From Chloroform Extract Of *Prosopis Juliflora* Leaves. Journal of Veterinary Pharmacology and Toxicology. 13(2): 136-139.
 59. Satish D. Patel, Samir R. Patel, **Urvesh D. Patel**, Guru P.Y. and Mukul R. Jain (2013). Effect of enriched environment on reproductive performance and body weight gain in Wistar rats. Journal of Laboratory animal Science. Volume 1, Issue 2.
 60. **Urvesh D. Patel**, Hiren B. Patel, Nimesh N. Patel, Jatin H. Patel, Rasesh D. Varia, Shailesh K. Bhavsar and Aswin M. Thaker. (2013). Toxicological evaluation following coalesce administration of levofloxacin and ketoprofen in sheep. Wayamba Journal of Animal Science. P654-P659. Number 1351160210.
 61. **Urvesh D. Patel**, Harshad B. Patel and Bhavesh B. Javia. (2013). Antimicrobial potency of *Rauvolfia tetrafhylla* and *Jatropha curcus*. *Wayamba Journal of Animal Science*. August 29, 2013; P723-P728. Number 1377753231
 62. **Patel, H.B** and Patel U.D. (2013) Therapeutic manangement of Phorate Poisoning in Bovines. Intas Polivet. 14(1):69-70.

63. Satish D. Patel, Alpesh J. Patel, **Urvesh D. Patel** and Thaker A.M. (2013). Sub-acute toxicity of heptachlor at low dose exposure in wistar rats. *International Journal of Scientific Research*. 2:17-18.
64. **Patel U.D.** Patel J.H. Varia R.D. Patel H.B. Bhavsar S.K. Thaker A.M. (2013). Impact of multiple intravenous administrations of levofloxacin of blood profile in sheep. *The Indian Veterinary Journal*. 90: 35-36.
65. Modi Falguni, Mody, S. K., Patel, H. B., **Patel, U. D.** and Modi, L. C. (2012). Pharmacokinetics and Dosage Regimen of Moxifloxacin Following Single Intravenous Administration In Sheep. *Wayamba Journal of Animal Science*. November19, 2012; Number 1358761254
66. Bharate Pares, Ratndeesingh, R. D. Varia, J. H. Patel, **U. D. Patel**, S. K. Bhavsar and A. M. Thaker (2012). Impact of Multiple Intravenous Administrations of Ketoprofen on Blood Profile in Cow Calves. *International Journal of Veterinary Science*. 1(1): 33-35.
67. **Urvesh D. Patel**, Jatin H. Patel, Rashesh D. Varia, Harshad B. Patel, Shailesh K. Bhavsar and Aswin M. Thaker (2012). Disposition kinetic of levofloxacin in experimentally induced febrile model of sheep. *Journal of Pharmacology and Toxicology*. 7 (1): 11-19.
68. Varia R.D., Patel J.H., Vihol P.D., **Patel U.D.**, Bhavsar S.K., Thaker A.M. (2012). Evaluation of levofloxacin safety in broiler chickens. *The Indian Veterinary Journal*. 89 (10): 54-56. (NAAS: 6.0)
69. Patel, J.H., Varia, R.D, Vihol, P.D., Ratndeeep singh, **Patel U.D.**, Bhavsar, S.K. and Thaker, A.M. (2012). Pharmacokinetics of levofloxacin in white leg horn birds. *The Indian Veterinary Journal*. 89 (8): 69-72.
70. More, A.S., Patel, J.H., Varia, R.D, Vihol, P.D., Ratndeeep singh, **Patel U.D.**, Bhavsar, S.K., Thaker, A.M. and Jadhav, S. (2012). Evaluation of cypermethrin genotoxicity in wistar rats by micronucleus assay, chromosomal aberration and comet assay. *The Indian Veterinary Journal*. 89 (8): 62-66.
71. **Urvesh D. Patel**, Jatin H. Patel, Shailesh K. Bhavsar and Aswin M. Thaker (2012). Pharmacokinetics of Levofloxacin Following Intravenous and Subcutaneous Administration in Sheep. *Asian Journal of Animal and Veterinary Advances*. 7 (1): 85-93.
72. **Urvesh, D. Patel**, Hiren, B. Patel, Nimesh, N. Patel, Jatin, H. Patel, Rasesh, D. Varia, Shailesh, K. Bhavsar and Aswin, M. Thaker. (2012). Toxicological evaluation following concurrent administration of levofloxacin and ketoprofen in sheep” *Wayamba Journal of Animal Science –November19, 2012; Number 1354701684*.
73. Harshad B. Patel, Shailesh K. Mody, Hitesh B. Patel, Vipul A. Patel and **Urvesh D. Patel** (2011). Disposition Kinetic of Moxifloxacin Following Intravenous, Intramuscular and Subcutaneous Administration in Goats. *ISRN Veterinary Science*. 2011: 1-5. doi:10.5402/2011/584342.
74. SD Patel, KA Sadariya, AK Gothi, **UD Patel**, MR Jain, SK Bhavsar and AM Thaker (2010). Safety of tolfenamic acid following repeated Intramuscular administration in

wistar rats. *Pharma Science Monitor An International Journal Of Pharmaceutical Sciences*. 2(2): S79-S85.

75. Ratndeeep Singh, Sarita Devi, Jatin H. Patel, **Urvesh. D. Patel**, Shailesh K. Bhavsar and Aswin M. Thaker (2009). Indian Herbal Bioenhancers: A Review. *Pharmacognosy Review*. 3 (5): 80-82.
76. Jatin H. Patel; Rasesh D. Variya, **Urvesh D. Patel**, Priti D. Vihol, Shailesh K. Bhavsar and Aswin M. Thaker. (2009). Safety evaluation of levofloxacin following repeated oral administration in WLH layer birds. *Veterinary world*. 2(4): 137-139.
77. **Patel, U.D.**; Patani K.Z.; SK Bhavsar and AM Thaker. (2006). Single dose Pharmacokinetics of Cefepime following Intramuscular administration in calves. *International Journal of Cow Science*. 2(1): 49-51.
78. **Urvesh D. Patel** and Harshad B. Patel (2013) Pepper- A Medicinal Herb having Pharmacological Significance. *The Indian Journal of Veterinary Science*. 1: 8-14.
79. J. H. Patel, P. D. Vihol, **U. D. Patel**, S. K. Bhavsar and A. M. Thaker. (2013). Pharmacokinetics of levofloxacin following subcutaneous administration in goat. *Journal of Veterinary Pharmacology and Toxicology*. 12(1): 35-38. (NAAS: 3.91)
80. Swati, S. Tiwari, **U.D. Patel**, S.K. Bhavsar, and A.M. Thaker. (2010). Pharmacokinetics and bioavailability of ceftriaxone in sheep. *VetScan*. 5 (2): online available at <http://www.vetscan.co.in/v5n2/66-ceftriaxone-sheep.htm>.
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