2015 onwards

- 1. Unravelling a novel therapeutic strategy for the management of NSAID-induced gastroenteropathy: addressing an unannounced emergency. IPSCON-2016; PGIMER Chandigarh, India. (G. Achari prize for best oral presentation).
- 2. A Novel Model for NSAID Induced Gastroenteropathy and the Proposed Role of TNF-α: Way Forward for the Discovery of Futuristic Therapeutic Interventions NIPiCON-2016 (3rd NIRMA Institute of Pharmacy International Conference) held at NIRMA University, Ahmedabad on 21st 23rd Jan 2016.
- 3. Swapnil P Borse, Angad Shripat, Sonal Sharma, Neeta Shrivastava, Manish Nivsarkar; Oral presentation on "Ayurnization of non Ayurvedic substance and modernization of Ayurvedic research with special reference to Insulin Plant" in 3rd International Congress of the Society for Ethnopharmacology (SFEC 2016) at National Center for Natural Resources (NCNR), Raipur, India. 19-21 February, 2016
- 4. Dilawar Upadhyay, Manish Nivsarkar; Poster Presentation on "Effect of Thin Film Hydration and Reverse Phase Evaporation Method on Physicochemical Properties and Storage Stability of Berberine Liposomes" at 15th International Symposium of Controlled Release Society(CRS) Indian Chapter on Advances in Technology and Business Potential of New Drug Delivery Systems; held at Institute of Chemical Technology, Mumbai; 19-20 February, 2016.
- 5. Muhammad Vaseem Shaikh, Manika Kala, Manish Nivsarkar; Poster presentation on "Formulation optimization and *ex-vivo* stability study of doxorubicin loaded PLGA nanoparticles prepared by single emulsion method" in 15th international symposium of Controlled Release Society(CRS) Indian Chapter on Advances in technology and Business Potential of New Drug Delivery system. held at Institute of Chemical Technology, Mumbai; February 19-20, 2016.
- 6. Manika Kala, Manish Nivsarkar; Psychological stress in normal and adrenalectomized mice: an implication of superoxide dismutase in psychological stress induced anovulation. International Conference on Reproductive Health with Emphasis on Occupational, Environmental and Lifestyle Factors & 26th Annual Meeting of the Indian Society for the Study of Reproduction & Fertility. February 18-20, 2016.
- 7. Devendra Pratap Singh, Swapnil Borse, Manish Nivsarkar, Poster presentation on "A Novel Model for NSAID Induced Gastroenteropathy and the Proposed Role of TNF-α: Way Forward for the Discovery of Futuristic Therapeutic Interventions" in 3rd Nirma Institute of Pharmacy International Conference (NIPiCON) 2016 "Global Challenges in Drug Discovery, Development and Regulatory affairs", At Nirma University, Ahmedabad, India. 21-23 January, 2016.
- 8. Anshu Srivastava, Neeta Shrivastava. Design, construction and gene integration of anti-ErbB2 recombinant fusion protein in plant system. National Symposium on Plant Biotechnology for Crop Improvement & 37th Annual Meeting of PTCA (India), Lucknow, UP. February 25-27, 2016.
- 9. Swapnil P Borse, Angad Shripat, Sonal Sharma, Neeta Shrivastava, Manish Nivsarkar. Ayurnization of non Ayurvedic substance and modernization of Ayurvedic research with special reference to Insulin plant. 3rd International Congress of the Society for Ethnopharmacology (SFEC 2016), Raipur, MP. February 19-21, 2016.

2015 to 2010

- 1. Priti Desai · Bhrugu J Yagnik · Drashya Sharma · Harish PadhInduction of systemic and mucosal immunity against r-Lactococcus lactis expressing Outer membrane protein (Omp)-A of Shigella dysenteriae type-1 (SD1): Oral Vs Nasal route. . 42nd Annual Conference of Indian Immunology Society, Patna, India; 10/2015.
- 2. Milee Agarwal and Piyush Gondalilya. 2015. Keystone Symposia on Integrating Metabolism and Tumor Biology. 13/01/2015- 18/01/2015. Vancouver, Canada
- 3. Drashya Sharma, Shivangi Patel, Priti Desai and Harish Padh. Immunoinformatic Identification Of B cell and T cell Epitopes Against Shigellosis. 42nd Annual conference of Indian Immunology Society (Immunocon- 2015), Patna, India; 10/2015
- 4. Dhara Tailor · Drashya Sharma · Priti Desai, Design of new immunogenic epitopes against salmonella typhi IMMUNOCON-2015 42 Annual meeting of Indian Immunology Society, Patna; 10/2015
- 5. Patel DH, Nivsarkar M, Joshi A. Antiretroviral loaded solid lipid nanoparticles for targeting lymphatics. 14th International symposium of Controlled Release Society (CRS) Indian chapter on advances in technology and business potential of new drug delivery systems, February 23-24, 2015 at Institute of Chemical Technology, (ICT) Mumbai.
- 6. Vaseem SM, Kala M, Nivsarkar M. Abortifacient potential of methanolic extract of Anthocephalus cadamba stem bark in mice 2nd International Congress of Society for Ethnopharmacology (SFEC-2015), February 20-22, 2015, at Nagpur, India.
- 7. Kala M, Vaseem SM, Nivsarkar M Database of Indian herbs for tropical diseases (DIHTD): a comprehensive database of Indian medicinal herbs for tropical diseases 2nd International Congress of Society for Ethnopharmacology (SFEC-2015), February 20-22, 2015, at Nagpur, India.
- 8. Jivrajani M and Nivsarkar M. *In vitro* and *In vivo* targeted delivery of shRNA through ligand-targeted bacterial minicells in cancer. The Ramanbhai Foundation 7th International Symposium Current Trends in Pharmaceutical Sciences, "Advances in New Drug Discovery & Development", February 2-4, 2015, at Zydus Cadila, Ahmedabad, India.
- 9. Vaishali Kute, Anshu Srivastava, Sheetal Anandjiwala. Establishment of authenticity of *Bala* drugs used in Ayurveda by chemo- and genotaxonomy. SIPRA Innovative Pharma Research Awards A National Level Symposium, Hyderabad, Telangana. July 2, 2015.
- 10. Vaishali Kute, K. Vijaya, Sheetal Anandjiwala, Anshu Srivastava. Integrative taxonomy: A novel approach for quality assurance of herbal medicine. *Dravyaka-2015*, 6th *National Level Conference on Current Innovations and Challenges in Pharmaceutical Sciences*, Keesara, Telangana. March 4-5, 2015.
- 11. Vaishali Kute, Sheetal Anandjiwala, Anshu Srivastava. Simultaneous quantification of bioactive constituents to establish authenticity of *Bala* drugs used in Ayurveda. *RIPE-2015*, 2nd National Conference on Reforms and Innovations in Pharmacy Education towards Global Standards, Hyderabad, Telangana. March 13-14, 2015.
- 12. Upadhyay D, Anandjiwala S, Padh H, Nivsarkar M. *In-vivo* Metabolism and Pharmacokinetics of Picroside I and II from Kutkin in Rats using LC-ESI-MS Method. 47th Annual Conference of the Indian Pharmacological Society (IPSCON) 2014, December 28–30, 2014 at GMCH & NIPER Guwahati, India (Gufic Prize).

- 13. Thakur SK, Nivsarkar M. Effect of Paroxetine on Hepatic Protein Profile in Mice. 47th Annual Conference of the Indian Pharmacological Society (IPSCON) 2014, December 28–30, 2014, at GMCH & NIPER Guwahati, India.
- 14. Upadhyay D, Anandjiwala S, Nivsarkar M. Simultaneous quantification of Picroside I and II from *Picrorhiza kurroa*, Picrolax [®] capsules and Picrolax [®] suspension: A TLC densitometric method developed with Kutkin. National Seminar on Herbal Drug Research: Opportunities and Challenges, November 5-7 2014, at B. V. Patel PERD Centre, Ahmedabad, India.
- 15. Jivrajani, M., Shrivastava, N. and Nivsarkar M. Minicell packaged targeted delivery of shRNA to cancer cells. 6th EORTC NCI AACR Symposium on Molecular Targets and Cancer Therapeutics November 18-21 2014, at Barcelona
- 16. Vaseem SM, Kala M, Nivsarkar M. Abortifacient potential of methanolic extract of Anthocephalus cadamba stem bark in mice National Seminar on Herbal Drug Research: Opportunities and Challenges, November 5-7 2014, at B.V. Patel PERD Centre, Ahmedabad, India.
- 17. Kala M, Vaseem SM, Nivsarkar M Database of indian herbs for tropical diseases (DIHTD): a comprehensive database of indian medicinal herbs for tropical diseases National Seminar on Herbal Drug Research: Opportunities and Challenges, November 5-7 2014, at B. V. Patel PERD Centre, Ahmedabad, India.
- 18. Manish Patel, Bhavesh Antala, Neeta Shrivastava. *In silico* screening of alleged miRNAs associated with cell competition: an emerging cellular event in cancer. *International Conference of Human Genetics and 39th Annual Meeting of The Indian Society of Human Genetics*, Ahmedabad, Gujarat. January 23-25, 2014.
- 19. Bhavin Patel, Poojadevi Sharma, Neeta Shrivastava. Mutation and Screening for improving Ecoine production from *Virgibacillus pantothenticus* (MTCC-1639). *Bioprocessing INDIA 2014*, Mumbai, Maharashtra. December 17-20, 2014.
- 20. Mumbai, IndiaMayur Pandya, Anshu Srivastava, Poojadevi Sharma, Astha Varma, Neeta Shrivastava. Impact of regional variation on vasicine content in *Adhatoda vasica* Nees. *National Conference on Herbal Drug Research: Opportunities and Challenges*, Ahmedabad, Gujarat. November 5-7, 2014.
- 21. Gaurav Garg, Nancy Shah, Anshu Srivastava, Poojadevi Sharma, Sonal Sharma, Neeta Shrivastava. Phytochemical diversity in *Bacopa monnieri* contrasts with genetic similarity. *National Conference on Herbal Drug Research: Opportunities and Challenges*, Ahmedabad, Gujarat. November 5-7, 2014.
- 22. Sonal Sharma, Poojadevi Sharma, Sheetal Yadav, Indira Purohit, Neeta Shrivastava. PCR inhibitors and enhancers in structural genomics studies in medicinal plants. *National Conference on Herbal Drug Research: Opportunities and Challenges*, Ahmedabad, Gujarat. November 5-7, 2014.
- 23. Sagar Katakam, Rajeshwari Rathod, Poojadevi Sharma, Dharmesh Kachhadiyan, Neeta Shrivastava. HPLC method development and estimation of four major flavonoids for targeted metabolite profiling in *Tephrosia purpurea*. National Conference on Herbal Drug Research: Opportunities and Challenges, Ahmedabad, Gujarat. November 5-7, 2014.
- 24. Poojadevi Sharma, Sonal Sharma, Sheetal Yadav, Anshu Srivastava, Neeta Shrivastava Integrative quality control approach for Indian herbal raw drug 'Asoka chhal'. *18th*

- Annual Convention of Society of Pharmacognosy on Promotion and Globalisation of Indian Herbal Products- Perspectives and Prospects, Rohtak, Haryana. February 21-22, 2014.
- 25. Sonal Sharma Poojadevi Sharma, Sheetal Yadav, Anshu Srivastava, Astha Varma, Neeta Shrivastava. Structural genomics as a species specific quality control tool for highly traded bark of *Terminalia arjuna*. 18th Annual Convention of Society of Pharmacognosy on Promotion and Globalisation of Indian Herbal Products- Perspectives and Prospects, Rohtak, Haryana. February 21-22, 2014.
- 26. Sagar Katakam, Poojadevi Sharma, Sheetal Anandjiwala, Neeta Shrivastava Analysis of ecogeographical variation on Chemical Markers of Tephrosia Purpurea (Linn.). 18th Annual Convention of Society of Pharmacognosy on Promotion and Globalisation of Indian Herbal Products- Perspectives and Prospects, Rohtak, Haryana. February 21-22, 2014.
- 27. Dash RP, Ellendula B, Nivsarkar M. Influence of diabetes progression on intestinal absorption of P-glycoprotein substrate: Implication of epigallocatechin-3-gallate (P-glycoprotein inhibitor) for reducing intestinal drug efflux. 1st Annual International Conference on Pharmacology and Pharmaceutical Sciences (Pharma 2013), November 18-19, 2013 Singapore.
- 28. Anandjiwala S, Gajera F, Thakur SK, Nivsarkar M. Phase I and Phase II metabolism studies of Kutkin (isolated from *Picrorrhiza kurroa* rhizomes) using Rat liver microsomes and hepatocytes. International Conference and Exhibition on Pharmacognosy, Phytochemistry & Natural Products, organized by OMICS group, October 21-23, 2013 at Hyderabad.
- 29. Upadhyay D, Dash RP, Anandjiwala S, Nivsarkar M.Comparative pharmacokinetic study of Picroside I and II isolated from *Picrorhiza kurroa* with its extract and marketed formulation. 3rd biennial International Conference on New Developments in Drug Discovery from Natural Products and Traditional Medicines (DDNPTM), November 22-24, 2012 at NIPER, S.A.S. Nagar, Punjab, India.
- 30. Rakhi Khabiya, Anshu Srivastava, Sheetal Anandjiwala. Integrative taxonomy:An approach for identification of Phyllanthus species. 3rd Biennial International Conference on New Developments in Drug Discovery from Natural Products and Traditional Medicines, Mohali, Chandigarh. November 22-24, 2012.
- 31. Rakhi Khabiya, Anshu Srivastava, Sheetal Anandjiwala. Identification of some *Phyllanthus* species of Gujarat state using classical and chemo-taxonomy. *16th National Convention of Society of Pharmacognosy and International Symposium on Herbal and Traditional Medicine*, Rajkot, Gujarat. March 9-11, 2012.
- 32. Gaurav Garg, Poojadevi Sharma, Anshu Srivastava, Neeta Shrivastava. Ecogeographical diversity of *Bacopa monnieri* in relation to quantitative variation of Bacoside A. *16th National Convention of Society of Pharmacognosy and International Symposium on Herbal and Traditional Medicine*, Rajkot, Gujarat. March 9-11, 2012.
- 33. Hardik Choudhri, Neeta Shrivastava, Sheetal Anandjiwala. Development of Quality Control parameters for an Ayurvedic formulation- Avipattikar Churna. *16th National Convention of Society of Pharmacognosy and International Symposium on Herbal and Traditional Medicine*, Rajkot, Gujarat. March 9-11, 2012.
- 34. Triveni Pardhi, Neeta Shrivastava, Sheetal Anandjiwala. Identification of Terminalia arjuna adulterants using classical taxonomy and chemotaxonomy. *16th National Convention of*

- Society of Pharmacognosy and International Symposium on Herbal and Traditional Medicine, Rajkot, Gujarat. March 9-11, 2012
- 35. Sheetal Yadav, Poojadevi Sharma, Anshu Srivastava, Priti Desai, Neeta Shrivastava. Agrobacterium strain-cultivar compatibility for genetic transformation of *Bacopa monnieri*. *National Symposium on Impact of Plant Tissue Culture on Advances in Plant Biology* and 33rd PTCA Meet, Ahmedabad, Gujarat. January 19-21, 2012.
- 36. Yogesh Anarase, Anshu Shrivastava, Sheetal Anandjiwala, Neeta Shrivastava. Pharmacognostic and biological evaluation of *Physalis minima* Linn. 15th Annual Conference and 1st International Convention of Society of Pharmacognosy, Belgaum, Karnataka. February 2011.
- 37. Dash RP, Patil S, Anandjiwala S, Nivsarkar M. Simultaneous quantification of berberine and lysergol by HPLC-UV: evidence that lysergol enhances the oral bioavailability of berberine in rats. Indo American Pharmaceutical Regulatory Symposium, November 11-13, 2011 at Nirma University, Ahmedabad, India.

2010 to 2005

- 1. Patel, V., Chudasama, A., Nivsarkar, M., Vasu, K., Shishoo, C., Development and in vitro characterization of push pull osmotic pump for zero order delivery of lithium carbonate at 6th International Symposium on Innovations in Pharmaceutical Sciences and Technology, November 26-28, 2010 at B. V. Patel PERD Centre, Ahmedabad.
- 2. Dash RP, Jivrajani M, Ravat N, Anandjiwala S, Nivsarkar M. Anti-inflammatory activity of hydro-alcoholic extract and the four solvent fractions of *Bergia suffruticosa* investigated on acute and chronic inflammation induced rats. 6th International Symposium on Innovations in Pharmaceutical Sciences and Technology, November 26-28, 2010 at B. V. Patel PERD Centre, Ahmedabad.
- 3. Jivrajani M, Ravat N, Anandjiwala S, Nivsarkar M. Comparative study of different fractions of *Vitex negundo* Linn leaf extract for anti-implantation activity in *Mus musculus*. 6th International Symposium on Innovations in Pharmaceutical Sciences and Technology, November 26-28, 2010 at B. V. Patel PERD Centre, Ahmedabad.
- 4. Patil S, Nivsarkar M, Anandjiwala S. Development and Validation of HPTLC Method for determination of Lysergol in Seeds of Ipomoea muricata (Linn.) Jacq. Extract. 6th International Symposium on Innovations in Pharmaceutical Sciences and Technology, November 26-28, 2010 at B. V. Patel PERD Centre, Ahmedabad.
- Chudasama A., Patel V., Nivsarkar M., Shishoo, C., Vasu, K., Development and evaluation of self emulsifying drug delivery system of Itraconazole at 6th International Symposium on Innovations in Pharmaceutical Sciences and Technology, November 26-28, 2010 at B. V. Patel PERD Centre, Ahmedabad.
- 6. Pund S., Joshi A., Vasu K., Nivsarkar M., and Shishoo C. Gastroretentive delivery of rifampicin: in vitro mucoadhesion and in vivo gamma scintigraphy. 6th International Symposium of Innovations in Pharmaceutical Sciences and Technology, November 26-28, 2010 at B. V. Patel PERD Centre, Ahmedabad.
- 7. Joshi, A., Pund, S., Nivsarkar, M., Vasu, K., Shishoo, C. Exploring the potential of polacrilin potassium as a superdisintegrant in mcc based pellets prepared by extrusion-spheronization. 6th International Symposium of Innovations in Pharmaceutical Sciences and Technology, November 26-28, 2010 at B. V. Patel PERD Centre, Ahmedabad.

- 8. Anandjiwala S, Vyas T, Dash RP, Ashwini Oza, Nivsarkar M. Pharmacokinetics profile of vasicine and vasicinone from different formulations. National Symposium on Medicinal Plants: A promising resource of the country, June 2010 at Dept. of Biosciences, Veer Narmad South Gujarat University, Surat, Gujarat.
- 9. Dash RP, Chauhan BF, Anandjiwala S, Nivsarkar M. Comparative pharmacokinetics profile of Vasa Swaras with vasicine and vasicinone. International Symposium on Aromatic and Medicinal plants (AROMED), February 21-24, 2010 at CIMAP-Lucknow.
- 10. Gori SA, S. Mukesh, Nivsarkar M, Anandjiwala S. TLC densitometric analysis of caffeic acid and ferulic acid from *Ficus benghalensis*, *F. religiosa*, *F. virens*, *F. glomerata* and *F. hispida* using HPTLC. 14th National Convention of Society of Pharmacognosy, February 20-21, 2010 at Sonipat, Haryana.
- 11. Modi N, Nivsarkar M, Anandjiwala S. Isolation of Abraquinone b from *Abrus precatorius* root and its quantification using HPTLC. 14th National Convention of Society of Pharmacognosy, February 20-21, 2010 at Sonipat, Haryana.
- 12. Dabhi P, Nivsarkar M, Anandjiwala S. TLC-densitometric quantification of forskolin and other probable labdane diterpenes isolated from the roots of *Coleus forskohlii*. 14th National Convention of Society of Pharmacognosy, February 20-21, 2010 at Sonipat, Haryana.
- 13. Vyas T, Dash RP, Nivsarkar M, Anandjiwala S. Simultaneous quantification of vasicine & vasicinone from different extracts of Adhatoda vasica leaves using HPTLC. 14th National Convention of Society of Pharmacognosy, February 20-21, 2010 at Sonipat, Haryana.
- 14. Pund S., Joshi A., Vasu K., Nivsarkar M., and Shishoo C. Oral delivery of antitubercular drugs- Improving rifampicin stability and bioavailability. FIP Pharmaceutical Sciences 2010 World Congress in association with the AAPS Annual Meeting and Exposition. November 14-18. 2010 at New Orleans, Lousiana, USA.
- 15. Poojadevi Sharma, Sheetal Yadav, Anshu Srivastava, Neeta Shrivastava. Methyl jasmonate mediated induction of Bacoside A production in *Bacopa monnieri* (L.) Pennell: An induction of its influence on the terpenoid biosynthetic pathway. *International Conference on New Developments in Drug Discovery from Natural Products and Traditional Medicines*, Mohali, Chandigarh. November 20-24, 2010.
- 16. G. Goswami, M. Nivsarkar, S. Anandjiwala. Simultaneous quantification of gallic acid, ellagic acid and gallicin from the seed kernels of *Mangifera indica* Linn. using HPTLC. 13th National Convention of Indian Society of Pharmacognosy, February 15-16, 2009 at Barkatullah University, Bhopal.
- 17. Singh B, Mungara P, Nivsarkar M, Anandjiwala S. Anti-Asthmatic and antiallergic activity of Methanolic Extract of Argemone mexicana and Quantification of Berberine and β-Sitosterol from it by using HPTLC. 13th National Convention of Indian Society of Pharmacognosy, February 15-16, 2009 at Barkatullah University, Bhopal.
- 18. M. Kumar, S. Anandjiwala, M. Nivsarkar. Simultaneous quantification of α-amyrin, lupeol and β-sitosterol in leaves of Bombax ceiba and hypoglycemic and antihyperglycemic activity of methanolic extract of Bombax ceiba leaves. 13th National Convention of Indian Society of Pharmacognosy, February 15-16, 2009 at Barkatullah University, Bhopal.

- 19. Thanki M, Singh B, Nivsarkar M, Reena Agrawal, Anandjiwala S. TLC densitometric Quantification of Rhein from *Cassia fistula* Linn, *C. tora* Linn and *C. alata* Linn (using HPTLC). 13th National Convention of Indian Society of Pharmacognosy, February 15-16, 2009 at Barkatullah University, Bhopal.
- 20. R.P. Dash, Y.S. Biradar, M. Nivsarkar, S. Anandjiwala. Effect of pH and alkaline reagents on simultaneous quantification of vasicine and vasicinone from *Vasa Swaras* using HPTLC. 13th National Convention of Indian Society of Pharmacognosy, February 15-16, 2009 at Barkatullah University, Bhopal.
- 21. Pund, S., Joshi, A., Vasu, K.K., Nivsarkar, M. Gastroretentive delivery System of Rifampicin: In-vitro Mucoadhesion and in-vivo Gamma Scintigraphy. GUJCOST Oral paper presentation competition, January 9-10, 2009 at Shri Sarvajanik Pharmacy College, Mehsana, Gujarat. (2nd Prize winner).
- 22. Singh B, Mungara P, Anandjiwala S, Nivsarkar M. Simultaneous Quantification of Rhein and Kaempferol from *Cassia alata* Leaves and its Effect on Mast Cell Stabilization Activity. Gujarat State Pharmacy Paper Presentation-conducted by GUJCOST, January 9-10, 2009 at Shri Sarvajanik Pharmacy College, Mehsana, Gujarat.
- 23. Dash R.P, Chauhan B.F, Anandjiwala S, Nivsarkar M. Simultaneous quantification of vasicine and vasicinone from *Vasa Swaras* using RP-HPLC method. Gujarat State Pharmacy Paper Presentation-conducted by GUJCOST, January 9-10, 2009 at Shri Sarvajanik Pharmacy College, Mehsana, Gujarat.
- 24. Mungara P, Yadav H, Anandjiwala S, Nivsarkar M. Isolation of Lupeol, Quantification of Negundoside, Eugenol, Ursolic Acid, Lupeol and β-Sitosterol using HPTLC from Leaves of *Vitex negundo* and its Mast Cell Stabilization Activity. Gujarat State Pharmacy Paper Presentation-conducted by GUJCOST, January 9-10, 2009 at Shri Sarvajanik Pharmacy College, Mehsana, Gujarat.
- 25. Yadav H, Kumar M, Nivsarkar M, Anandjiwala S. Simultaneous quantification of α-amyrin, lupeol and β-sitosterol using HPTLC from Leaves of *Kalanchoe pinnata* Pers., *Bombax ceiba* Linn., *Morus alba* Linn. Gujarat State Pharmacy Paper Presentation-conducted by GUJCOST, January 9-10, 2009 at Shri Sarvajanik Pharmacy College, Mehsana, Gujarat.
- 26. Tejas Patel, Anshu Srivastava, Neeta Shrivastava. Effect of trace elements on the quality of herbal raw material. *International Herbal Conference*, Bangalore, Karnataka. February 26-28, 2009.
- 27. Mahajan, S., Banerjee, A., Chauhan, B., Padh, H., Nivsarkar, M. and Mehta, A. (2008) Effect of n-butanol extract of seeds of Moringa oleifera Lam. on ovalbumin induced airway inflammation in guinea pigs. 26th Annual conference on Indian Pharmacological Society' (Gujarat Chapter) March 15-16, 2008 at Vapi Gujarat, India.
- 28. Yadav H, Mungra P, Nivsarkar M, Anandjiwala S. TLC Densitometric Quantification of Negundoside, Eugenol, Ursolic Acid, Lupeol and β-sitosterol using HPTLC and Isolation of Lupeol from Leaves of *Vitex negundo*. 60th Indian Pharmaceutical Congress (IPC) December 12-14, 2008 at Delhi.
- 29. Singh B, Nivsarkar M, Anandjiwala S. TLC densitometric analysis of glycyrrhizin, glycyrrhetinic acid, apigenin, kaempferol and quercetin from *Glycyrrhiza glabra* using HPTLC. 60th Indian Pharmaceutical Congress (IPC) December 12-14, 2008 at Delhi.

- 30. Joshi, A., Pund, S., Nivsarkar, M., Vasu, K and Shishoo, C. Functionality comparison of superdisintegrants in promoting dissolution of rifampicin pellets. 12th APTI Annual National Convention, October 25-27, 2007 at Chandigarh, India.
- 31. Pund, S., Joshi, A., Vasu, K., Nivsarkar, M., and Shishoo, C. An application of palckett-burman design to study factors influencing dissolution from isoniazid pellets in USP Apparatus 3.12th APTI Annual National Convention, October 25-27, 2007 at Chandigarh, India.
- 32. Pund, S., Joshi, A., Vasu, K., Nivsarkar, M., and Shishoo, C. Study of solid-solid interaction of Rifampicin and isoniazid by Diffrential Scanning Calorimetry. 1st Indo-Japanese International Joint Symposium on Overcoming Intractable Infectious Diseases, November 6-7, 2007 at Tokyo, Japan.
- 33. Joshi, A., Pund, S., Nivsarkar, M., Vasu, K and Shishoo, C. Design and Development of a novel site-specific deliveryt system of Rifampicin and isoniazid for improved stability and bioavailability. 1st Indo-Japanese International Joint Symposium on Overcoming Intractable Infectious Diseases, November 6-7, 2007 at Tokyo, Japan.
- 34. Verma. R, Vasu, K., Pancholi, H., Rajani, M. and Nivsarkar, M. Comparative assessment of toxicity and phytochemical parameters of *Datura* innoxia seeds: standardization and validation of shodhana process. National conference of Environmental Sciences: Current status and emerging challenges, November 16-17, 2007 at Department of Botany, Mohanlal Sukhadia University, Udaipur, Rajasthan.
- 35. Chauhan, B., Vasu, K., Pancholi, H., Rajani, M. and Nivsarkar, M. Validation of traditional procedure for detoxification: phytochemical and toxicological assessment of *Gloriosa superba*. National conference of Environmental Sciences: Current status and emerging challenges, November 16-17, 2007 at Department of Botany, Mohanlal Sukhadia University, Udaipur, Rajasthan.
- 36. Banerjee, A., Vasu, K., Pancholi, H., Rajani, M. and Nivsarkar, M. Scientific Validation Of Shodhana Process: Toxicity And Phytochemical Analysis Of *Nerium Indicum* roots. National conference of Environmental Sciences: Current status and emerging challenges, November 16-17, 2007 at Department of Botany, Mohanlal Sukhadia University, Udaipur, Rajasthan.
- 37. Banerjee, A. and Nivsarkar, M. Oxy-radical and anti-oxidant status in the brain and liver of different rodent species and strains: Implications of age and sex. Gujarat State Level Paper Presentation Competition, GUJCOST, March 30 31, 2007 at A.R. College of Pharmacy and G.H. Patel Institute of Pharmacy, Vallabh Vidyanagar, Anand, Gujarat.
- 38. Banerjee, A., Dholakia, D., Padh, H. and Nivsarkar, M Oxyradical and anti-oxidant status during oestrous cycle in intact and adrenalectomized mice. 25th National Symposium on Reproductive Biology and Comparative Endocrinology. Focal Theme Translational Endocrinology and Reproductive Biology January 15- 17, 2007 at Trivendram, Kerala.
- 39. Sheetal Anandjiwala, H. Srinivasa, Jyoti Kalola, M. Rajani. Isolation of gallic acid and gallicin, their simultaneous quantification using HPTLC and evaluation of free radical scavenging activity of *Bergia suffruticosa*, a hitherto unexplored plant. 58th IPC, Mumbai, Maharashtra. December 2006.
- 40. Harsha Panchal, Sheetal Anandjiwala, Mita Mashru, Jyoti Kalola, M. Rajani. Effect of Sodhana on Z- and E- guggulsterone content of Guggul (*Commiphora wightii*) quantified

- by TLC densitometric method using HPTLC. 58th IPC, Mumbai, Maharashtra. December 2006.
- 41. Sheetal Anandjiwala, Shalima James, Shonima James, Jyoti Kalola, M Rajani. Pharmacognostic and phytochemical analysis of four adulterants of *Terminalia arjuna*. DST sponsored *Two-day Workshop on Ayurvedic Medicines and Practices*, Ahmedabad, Gujarat. November 13-14, 2006.
- 42. Anshu Srivastava, Varsha Agarwal, Neeta Shrivastava. Metal stress and secondary metabolite production. *Third Convention of BRSI & International Conference on Exploring Horizons in Biotechnology: A Global Venture*, Vallabh Vidyanagar, Gujarat. November 2-4, 2006.
- 43. Anshu Srivastava, Neeta Shrivastava. Plant tissue culture: An alternative method for production of herbal raw material. *National Symposium on Contemporary Developments in Life Sciences*, Patan, Gujarat. March 4, 2006.
- 44. H. Srinivasa, Sheetal Anandjiwala, Jyoti Kalola, M. Rajani. TLC densitometric quantification of eugenol, luteolin, ursolic acid and oleanolic acid in Black (*Krishna Tulasi*) and Green (*Sri Tulasi*) varieties of *Ocimum sanctum* Linn. Gujarat State Pharmacy Paper Presentation, Gandhinagar, Gujarat. February 2006.
- 45. Banerjee, A., Padh, H. and Nivsarkar, M. Anti-inflammatory activity of calcium channel blockers in rodents: potentiation under adrenal regulation. National Conference on Biotechnology, Science and Environment & 8th Annual Meeting of Society for Science and Environment, Dec. 28 29, 2006 at DAVV, Indore.
- 46. Pund, S., Joshi, A., Vasu, K., Nivsarkar, M., Shishoo C. MUPS of Rifampicin- A Novel Formulation Approach. 58th Indian Pharmaceutical Congress (IPC), December 1-3, 2006 at Mumbai.
- 47. Chauhan, B., Ojha, A., Patel, M.M., Padh, H. and Nivsarkar, M Determination of Fexofenadine and montelukast in human plasma by RP-HPLC. Conteporary Development in Life Sciences organized by Department of Life Sciences, Hemchandacharya North Gujarat University, March 4, 2006 at Patan, Gujarat.
- 48. Joshi, A., Pund, S., Nivsarkar, M and Shishoo, C.J. Development and Characterization of enteric coated aceclofenac tablets using different pH sensitive polymers. APTI-11th Annual National Convention September 1-3, 2006 at Bangalore.
- 49. Banerjee, A., Vaghasiya, R., Shrivastava, N., Padh, H. and Nivsarkar M. Anti implantation activity of *Vitex negundo Linn*. UGC-DSA Symposium On "Recent advances in RED and associated disorders" January 30-31, 2006 at The M. S. University of Baroda, Vadodara.

2005 to 2000

- 1. Patel T., Nivsarkar, M, Kothari, A., Banerjee, A. and Shrivastava, N. Anti inflammatoy potential of two herbs of family asteraceae. 1st Indo-Japanese International Conference on Advances in Pharmaceutical Research and Technology, November 25-29, 2005 at Mumbai, India.
- 2. Rani, S., Banerjee, A., Nivsarkar, M., Patel, M. and Padh, H Sparse sampling approach in toxicokinetic studies: an evaluation after single and multiple dosing. 1st Indo-Japanese International Conference on Advances in Pharmaceutical Research and Technology, November 25-29, 2005 at Mumbai, India.

- 3. Sanket S, Ghanshyam P, Sheetal Anandjiwala, M. Rajani. Validation of various methods of preparation of *Adhatoda vasica* leaf juice by quantification of total alkaloids and vasicine. 57th IPC, Hyderabad, Telangana. December 2005.
- 4. Shalima James, Shonima James, Sheetal Anandjiwala, Jyoti Kalola, M Rajani. Pharmacognostic and phytochemical analysis of four adulterants of *Terminalia arjuna*. 1st Indo-Japanese International Conference on Advances in Pharmaceutical Research and Technology: Drug Discovery, Development and Delivery, Mumbai, Maharashtra. November 26-29, 2005.
- 5. Sanket Soni, Ghanshyam Patel, Sheetal Anandjiwala, M. Rajani. Validation of various methods of preparation of *Adhatoda vasica* leaf juice by quantification of total alkaloids and vasicine. *Ist Indo-Japanese International Conference on Advances in Pharmaceutical Research and Technology: Drug Discovery, Development and Delivery*, Mumbai, Maharashtra. November 26-29, 2005.
- 6. Sheetal Anandjiwala, Milind Bagul, M. Rajani. Evaluation of free radical scavenging activity of an Ayurvedic formulation *Panchvalkala*. 1st Indo-Japanese International Conference on Advances in Pharmaceutical Research and Technology: Drug Discovery, Development and Delivery, Mumbai, Maharashtra. November 26-29, 2005.
- 7. Anshu Srivastava, Neeta Shrivastava. Comparative phytochemical and biochemical evaluation of field grown and tissue cultured shoots of *Bacopa monnieri* (L.) Pennell. *1st Indo-Japanese International Conference on Advances in Pharmaceutical Research and Technology: Drug Discovery, Development and Delivery*, Mumbai, Maharashtra. November 26-29, 2005.
- 8. Anshu Srivastava, Neeta Shrivastava. Effect of salt stress on regenerative potential and phytochemical constituent of *Bacopa monnieri* (L.) Pennell. *National Seminar on Emerging Trends in Plant Physiology*, Ahmedabad, Gujarat. March 10-12, 2005.
- 9. Ashok M. Ghoghari, Milind S. Bagul, Sheetal Anandjiwala, M. G. Chauhan, M. Rajani. Evaluation of Hitherto Medicinal Fern *Aspidium cicutarium*. 56th IPC, Kolkata, WB. December 2004.
- 10. Anshu Srivastava, Shree Joshi, Neeta Shrivastava. Phytochemical and pharmacological evaluation of Green and Black *Ocimum sanctum*. *National Conference on Plant Sciences*, Gandhinagar, Gujarat. November 25-27, 2004.
- 11. Sheetal Anandjiwala, Milind S. Bagul, M. Rajani. Pharmacognostic and phytochemical evaluation of *Panchvalkala*. *National Seminar on Indian Medicinal Plants*, Thiruvanathapuram. Kerala. March, 2004
- 12. Anshu Srivastava, Neeta Shrivastava, M. Rajani and Harish Padh. Axillary bud multiplication and phytochemical evaluation of kurchi: an Indian medicinal plant. 26th Annual Meeting of the Plant Tissue Association (India) and National Symposium on Biotechnology for Better Future, Mangalore, Karnataka. January 15-17, 2004.
- 13. Chauhan, B., Ojha, A., Guttikar, S., Nivsarkar, M, Padh, H., and Rani, S. Development and validation of method for determination of Montelukast in human plasma with small plasma sample volume by HPLC with fluorescence detector. 56th Indian Pharmaceutical Congress (IPC), December 3-5, 2004 at Kolkata.
- 14. Rani, S., Shah, D., Nivsarkar, M., Guttikar, S. and Padh, H. Comparative bioavailability study of Lansoprazole oral capsule (30mg) and mouth dissolving Sub-Lingual and

- Gingival tablets in normal healthy male subjects. 56th Indian Pharmaceutical Congress (IPC), December 3-5, 2004 at Kolkata.
- 15. Rani, S., Trivedi, M., Nivsarkar, M., Rathod, R. and Padh, H. Bioequivalence study of Fenofibrate formulations in normal healthy male Indian subjects. 56th Indian Pharmaceutical Congress (IPC), December 3-5, 2004 at Kolkata.
- 16. Rani, S., Banerjee, A., Nivsarkar, M., Singh, G. and Padh, H. Reducing the use of laboratory animals in toxicokinetic studies using sparse sampling approach. 56th Indian Pharmaceutical Congress (IPC), December 3-5, 2004 at Kolkata.
- 17. Shah, D., Padh, H. and Nivsarkar, M., Inhibition of lipid per oxidation by Meloxicam and Ibuprofen in aluminium induced oxidative stress in rat brain: an *in vivo* and *in vitro* study. International conference on Recent Advances in Biomedical and Therapeutic Sciences, January 13-15, 2004 at Bundelkahnd University, Jhansi.
- 18. Banerjee, A., Padh, H. and Nivsarkar, M., Anti ulcer activity of methanolic extract of *Eclipta alba*. International conference on Recent Advances in Biomedical and Therapeutic Sciences, January 13-15, 2004 at Bundelkahnd University, Jhansi.
- 19. Mukherji, M., Patel, M., Padh, H. and Nivsarkar, M. Hepatoprotective potential of a herbal formulation against carbon tetrachloride induced hepatic injury in rats. International conference on Recent Advances in Biomedical and Therapeutic Sciences, January 13-15, 2004 at Bundelkahnd University, Jhansi.
- 20. Nivsarkar, M., Shrivastava, N., Patel, M and Padh, H. Inhibition of blastocyst implantation in *Mus musculus* by *Hibiscus rosa-sinensis*. 5th International symposium of Innovations in Pharmaceutical Sciences. February 1-3, 2003 at ITC Grand Maratha Sheraton, Mumbai, India.
- 21. Patel, Manoj, Nivsarkar, M, Padh, Harish, Cherian, Bapu and Shrivastava, Neeta Sperm membrane changes induced by *Sap Indus muskroots* during sperm maturation. National convention on current trends in herbal drugs and annual conference of Indian society of pharmacognosy. January, 17-18 2003 at KBIPER, Gandhinagar, Gujarat.
- 22. Nivsarkar, M, Jaimic Trivedi, Bapu Cherian and Padh H Inhibition of lipid peroxidation by meloxicam in aluminium induced oxidative stress in rat brain: an in vivo and in vitro study. 20th International Symposium on Neurotoxicology 18th 21st November 2002, Arkansas, USA.
- 23. Shubha Rani, Bapu Cherian, Nivsarkar M, Swati Guttikar, Anzali Zope and Padh H. Pharmacokinetics of pantoprazole, a proton pump inhibitor after single oral dose in healthy Indian male subjects. 53rd Indian Pharmaceutical Congress (IPC), December 21-23, 2001 at New Delhi, India.

Before 2000

- 1. Shubha Rani, Bapu Cherian, Nivsarkar M, Swati Guttikar, Rajeshwari Rathod and Padh H. Determination of oral meloxicam pharmacokinetic parameters in Asian Indians and comparison with German population. 52nd *Indian Pharmaceutical Congress* (IPC), December1-3, 2000 at Hyderabad, India.
- Rani S., Cherian B., Nivsarkar M., Guttikar S., Zope A. and Padh. H Pharmacokinetics of Olanzapine in Asian Indians and comparison with other populations: Possibility of Interethnic Differences. 33rd Annual Conference of Indian Pharmacological Society,

PRESENTATION ORAL/POSTERS IN SYMPOSIUM /WORKSHOP

- December 28-30, 2000 at K.B. Institute of Pharmaceutical Education & Research, Gandhinagar, Gujarat, Ahmedabad.
- 3. Nivsarkar, M "In vitro toxicity screening: An overview", at PERD Centre on behalf of K.B. Institute of Pharmaceutical Education and Research, Gandhinagar, on "Emerging Trends in Pharmacology and Toxicology" 22nd November, 1999.
- 4. Joshi, D., Cherian, B., Nivsarkar, M and Rani, S. Toxicokinetics of anticonvulsant agent phenytoin in rats. 50th Indian Pharmaceutical Congress, December 10-13, 1998 at Mumbai.