



## List of Papers Publications

## Research Publication of Prof. Dr. Harish Padh ,Vice-Chancellor

1. Almal, S.H., Padh, H. Frequency distribution of autoimmunity associated FCGR3B gene copy number in Indian population. **International journal of immunogenetics** 42 (1), 26-30. 2015 [IF 1.34]
2. Chauhan, N., Padh, H. Variants of NAT2 polymorphisms: Intra and inter-ethnic differences. **African Journal of Biotechnology** 13 (51), 4639-4646. 2014 [IF 0.57]
3. Upadhyay, U., Anandjiwala, S., Padh, H., Nivsarkar, M. In vivo Metabolism and Pharmacokinetics of Picoside I and II from Kutkin in Rats using LC-ESI-MS Method. **Indian Journal of Pharmacology** 46 Suppl S1:3-6 [IF 0.7]
4. Dhawan D., Padh, H. Stem Cell Biomarkers in Early Diagnosis, Prognosis, and Therapy of Cancer. *In* **Cancer Biomarkers: Minimal and Noninvasive Early Diagnosis and Prognosis**. Editors, Barh, D., Carpi, A., Verma, M., Gunduz, M. page 144-156. CRC Press, Boca Raton, USA. 2014.
5. Bhatt, D., Chauhan, N., Sharma, A., Dhawan, D., Bhatt, R. V., Phatak, S., and Padh, H. Investigating the role of plasma glucose concentration as a phenotypic marker for CYP2C9 genetic variants, in the diabetic population of Gujarat. **Indian journal of pharmaceutical sciences** 76 (1), 72-77, 2014 [IF 0.3]
6. Padh, H. Pharmacogenetics: polymorphism and genotype-phenotype correlation of drug response in indian population. **Molecular Cytogenetics** 7 (Suppl 1), I52, 2014 [IF 2.66]
7. Almal, S., Padh, H. Gene copy number variation in Indian population and its implication in health. **Molecular Cytogenetics** 7 (1), 1-1. 2014 [IF 2.66]
8. Gupta, A., Padh, H. Genetic Variation in Intercellular Adhesion Molecule-1 (ICAM-1): candidate gene in susceptibility to malaria in the Indian population. **Molecular Cytogenetics** 7 (1), 1-1. 2014 [IF 2.66]
9. Patel, S., Padh, H., and Bhavsar, C. Manova over anova—a better objective in bioequivalence study **Int J Pharm Sci Res** 4 (5), 1874-1881. 2013 [IF 0.3]
10. Dhawan, D., Padh, H. Pharmacogenomics and Personalized Medicine for Cancer *In* **Omics for Personalized Medicine**, Editors, D. Barh, D. Dhawan, N. K. Ganguly. pp215-235. Springer. 2013.
11. Sakhrani, N. M., Padh, H. Organelle targeting: third level of drug targeting. **Drug design, development and therapy** 7, 585- . 2013 [IF 3.03]
12. Dhawan, D., Panchal, H., Shukla, S., Padh, H. Genetic variability & chemotoxicity of 5-fluorouracil & cisplatin in head & neck cancer patients: a preliminary study. **The Indian Journal of Medical Research** 137 (1), 277-281, 2013. [IF 2.06]
13. Desai, P.N., Padh, H. Expression of erythropoietin in Indian tetraploid potato variety. **F1000Research** 1, 2012.
14. Vaidya, H., Prajapati, A., Rajani, M., Sudarsanam, V., Padh, H., Goyal, R.K. Beneficial Effects of Swertiamarin on Dyslipidaemia in Streptozotocin-induced Type 2 Diabetic Rats. **Phytotherapy Research** 26 (8), 1259-1261, 2012. [IF 2.1]



15. Gupta, A., Padh, H. The global distribution of CCR5 delta 32 polymorphism: role in HIV-1 protection. **BMC Infectious Diseases** 12 (Suppl 1), O16, 2012 [IF 3.2]
16. Almal, S., Gupta, A., Padh, H. SDF-1 gene polymorphism and CCL3L1 gene copy number and susceptibility to HIV-1/AIDS among Indians **BMC Infectious Diseases** 12 (Suppl 1), P50, 2012. [IF 3.2]
17. Barh D., Agte V., Dhawan D., Agte V., Padh H. **Cancer Biomarkers for Diagnosis, Prognosis and Therapy**. ed. Whitehouse D. and Rapley R. In: *Molecular and Cellular Therapeutics*: John Wiley & Sons Ltd., UK: Chapter 2, Pages: 18-68 [ISBN: 9780470748145] (Published: 30<sup>th</sup> March 2012)
18. Almal S., and Padh, H. Implications of gene copy-number variation in health and diseases. **Journal of Human Genetics**, 57(1) 6–13. 2011. doi:10.1038/jhg.2011.108 [IF 2.57].
19. Banerjee, A., Padh, H., Nivsarkar, M. Hormonal Crosstalk with Calcium Channel Blocker during Implantation. **Systems Biology in Reproductive Medicine** 57(4), 186-189, 2011. [IF 1.52]
20. Varma, A., Padh, H., Shrivastava, N. Andrographolide: a new plant-derived antineoplastic entity on horizon. **Evidence-Based Complementary and Alternative Medicine** 2011, 2011.[IF 4.77]
21. Shep Dhaneshwar, Ojha Ashwini, Patel Sweta, Nivsarkar Manish, Jaiswal Vijaya and Padh Harish. Bioequivalence and Pharmacokinetic Evaluation of Two Formulations of Fenofibrate 145 mg in Healthy Indian Subjects **Journal of Pharmaceutical and Biomedical Sciences** Vol. 07 (7), 1-5. 2012
22. Astha Varma, Harish Padh, and Neeta Shrivastava Ecogeographical Phytochemistry of *Adhatoda vasica* Nees in Relation to Quantitative Variations of Alkaloids. **Journal of Planar Chromatography** 24 (2011) 5, 406–411 [IF 1.3]
23. D. N. Azmanov, S Dimitrova, L. Florez, S. Cherninkova, D. Draganov, B. Morar, R. Saat, M. Juan, J. I Arostegui, S. Ganguly, H. Soodyall, S. Chakrabarti, **Harish Padh**, M. A Lo´pez-Nevot, V. Chernodrinska, B. Anguelov, P. Majumder, L. Angelova, R. Kaneva, D. A. Mackey, I. Tournev and L. Kalaydjieva. LTBP2 and CYP1B1 mutations and associated ocular phenotypes in the Roma/Gypsy founder population. **European Journal of Human Genetics** 19, 326–333, 2011 [IF 3.6]
24. Shep, D., Ojha, A., Patel, S., Nivsarkar, M, Jaiswal, V and Padh H. Comparative bioavailability study of a new formulation of injection of 75 mg. Diclofenac Sodium in 1 ml. with the conventional injection of 75 mg. Diclofenac Sodium given in 3 ml. volume. **Current Clinical Pharmacology**, 6(1), 26 – 29, 2011. [IF 2.8]
25. Desai, P., Shrivastava, N., and Harish Padh. Production of heterologous proteins in plants: Strategies for optimal expression. **Biotechnology Advances** 28, 427-435, 2010. [IF 8.25]
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27. Shep, D., Ojha, A., Patel, S., Nivsarkar, M, Jaiswal, V and Padh H. Bioequivalence and Pharmacokinetic evaluation of two formulations of paracetamol ER 650 mg: A single dose randomized two period crossover comparison in healthy Indian adult volunteers. **International Journal of Current Pharmaceutical Research**, 2(4), 28 – 31, 2010.
28. Sharma, P., Padh, H., Shrivastava, N. Hairy root cultures: A suitable biological system for studying secondary metabolic pathways in plants. **Engineering in Life Sciences** 13 (1), 62-75, 2013. [IF1.92]
29. Dhawan D., Padh H. Pharmacogenomics and personalized medicine for cancer. ed. Barh D., Dhawan D. and Ganguly N.K. In: **Omics for personalized medicine**: Springer [ISBN: 9788132211839] (Published: 16<sup>th</sup> October 2013)
30. Barh D., Agte V., Dhawan D., Agte V., Padh H. **Cancer Biomarkers for Diagnosis, Prognosis and Therapy**. ed. Whitehouse D. and Rapley R. In: **Molecular and Cellular Therapeutics**: John Wiley & Sons Ltd., UK: Chapter 2, Pages: 18-68 [ISBN: 9780470748145] (Published: 30<sup>th</sup> March 2012)
31. Dhawan D. and Padh H. **Omics Approaches in Cancer Biomarker and Targeted Anticancer Drug Discovery**. ed. Barh D., Blum K. and Madigan M.A. In: **OMICS: Biomedical Perspectives and Applications**: CRC Press, Taylor & Francis LLC, USA: Chapter 18, Pages: 333-358 [ISBN: 9781439850084] (Published: 18<sup>th</sup> November 2011)
32. Agarwal, M., Shrivastava, N., Padh, H. Development of sex-linked AFLP markers in *Simmondsia chinensis*. **Plant Breeding** 130 (1), 114-116, 2011. [IF 1.6]

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##### International:

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2. Ahmed E. H., Raghavendra T and Madamwar D, A thermostable alkaline lipase from a local isolate *Bacillus subtilis* EH 37: Characterization, partial purification and application in organic synthesis, *Applied Biochemistry Biotechnology*, 160 (7), 2120-2113, 2010, ISSN. 0273-2289, Ci. 36
3. Ahmed E. H., Raghavendra T and Madamwar D., An alkaline lipase from organic solvent tolerant *Acinetobacter* sp. EH28: Application for ethyl caprylate synthesis, *Bioresources Technology*, 101, 247-255, 2010, ISSN. 0960-8524, Ci. 53
4. Bavarva, J.H., Narasimhacharya, A.V.R.L., *Leucas cephalotes* regulates carbohydrate and lipid metabolism and improves antioxidant status in IDDM and NIDDM rats, *Journal of Ethnopharmacology*, 127, 98-102., 2010, ISSN. 0378-8741, IF. 3.261 Ci. 22
5. Bhatt S.S., Chavatiya S.G and Shah A.R, Evaluation of raw and hydrothermally processed prosopis juliflora seed meal as supplementary feed



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  7. Chavda D., Bhatt S.S., Shreepada R.A. and Sheth A., Pathogen city of myxobolous infection and its effect on protein expression in *Catla catla* in Central Gujarat region, *Journal of Cell and Tissue Research*, 10 (1), 2010, ISSN.0974- 0910.
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## CHEMISTRY

### International

1. Ladani N K, Patel M P, Patel R G., A convenient one-pot synthesis of some new 3-(2-phenyl-6-(2-thienyl)-4-pyridyl) hydroquinolin-2-ones under microwave irradiation and their antimicrobial activities, Phosphorus, Sulfur, and Silicon and the Related Elements, 185(3), 658-662, 2010. IF.0.601
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## COMPUTER SCIENCE

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