

*List of Publications
and Conference
Presentations*

Publications and awards:

Publications:

1. **Patel KR**, Vajaria BN, Begum R, Patel JB, Shah FD, Joshi GM, Patel PS. VEGFA isoforms play a vital role in oral cancer progression. *Tumor Biology* 2015. (In Press)
2. **Patel KR**, Vajaria BN, Begum R, Desai A, Patel JB, Shah FD et al. Prevalence of high risk human papilloma virus type 16 and 18 in oral and cervical cancers in population from Gujarat, West India. *Journal of Oral Pathology and Medicine* 2014; 43:293-297.
3. **Patel KR**, Vajaria BN, Begum R, Patel PS. A Review on Genetic Susceptibility towards Oral Cancer Risk among India. *Gujarat Cancer Society Research Journal* 2013; 15: 10 - 17.
4. **Patel KR**, Vajaria BN, Begum R, Shah FD, Patel JB, Shukla SN et al. Association between p53 gene variants and oral cancer susceptibility in West Indian population. *Asian Pacific Journal of Cancer Prevention* 2013; 14 : 1093 - 1100.
5. Vajaria BN, **Patel KR**, Begum R, Patel JB, Shah FD, Joshi GM, Patel PS. Salivary Glyco-sialylation changes monitors Oral Carcinogenesis. *Glycoconjugate Journal* 2014; 31:649-659.
6. Vajaria BN, **Patel KR**, Begum R, Shah FD, Patel JB, Joshi GM, Patel PS. Clinical significance of Salivary Matrix Metalloproteinase-9 in Oral Precancerous Conditions and Oral Cancer. *Cancers Review* 2014; 1: 33-44.
7. Vajaria BN, **Patel KR**, Begum R, Patel JB, Shah FD, Joshi GM, Patel PS. Significance of glycosyltransferases: ST3GAL1, FUT3, FUT5 and FUT6 transcripts in oral cancer. *Glycobiology Insights* 2014; 4:7-14.
8. Vajaria BN, **Patel KR**, Begum R, Shah FD, Patel JB, Shukla SN, Patel PS. Evaluation of serum Total sialic acid and alpha L-fucosidase in patients with oral precancerous condition and oral cancer. *Oral Surgery, Oral Medicine, Oral pathology, Oral Radiology* 2013; 115: 764 - 771.
9. Vajaria BN, **Patel KR**, Begum R, Patel JB, Shah FD, Shukla SN, Patel PS. Glycoprotein electrophoretic patterns have potential to monitor changes associated with neoplastic transformation in oral cancer. *Int. J Biol. Markers* 2012; 27: 247 - 256.

10. Shah FD, Begum R, Vajaria BN, **Patel KR**, Patel JB, Shukla SN, Patel PS. A review on salivary genomics and proteomics biomarkers in oral cancer. *Ind. J Clin. Biochem.* 2011; 26: 326 - 334.
11. Patel JB, Shah FD, Patel SR, **Patel KR**, Shukla SN, Shah PM, Patel PS. A study of prostaglandin E2 and heat shockprotein-70 (hsp-70) in cancer. *GCS Research Bulletin* 2010; 12: 20 - 29.

Published Abstracts:

1. **Patel KR**, Vajaria BN, Begum R, Patel PS. Interplay between MDM2 and p53 Polymorphisms has Significantly Clinical Role in Oral Cancer. *Indian Journal of Clinical Biochemistry* 2014; 29: 71.
2. **Patel KR**, Vajaria BN, Begum R, Shukla SN, Patel PS. Contribution of VEGF A isoforms in oral cancer progression. *Indian Journal of Cancer* 2013; 50: S153.
3. **Patel KR**, Patel JB, Patel SR, Shukla SN, Patel PS. Study of nitrate+nitrite and antioxidant enzymes levels in oral cancer *Indian Journal of Clinical Biochemistry* 2009; 24: 289.
4. Singh RD, **Patel KR**, Haridas N, Patel PS. p53 Mutation Spectrum and its Role in Prognosis of Oral Cancer Patients from Gujarat, West India. *Indian Journal of Clinical Biochemistry* 2014; 29 : 72

Manuscript communicated:

1. **Patel KR**, Singh RD, Vajaria BN, Begum R, Patel PS. Clinical implications of p53 alterations in oral cancer progression. *International Journal of Oral & Maxillofacial Surgery*

Conference Presentations and Awards:

1. Poster presentation: **Patel KR**, Vajaria BN, Begum R, Patel PS (2014). Interplay between MDM2 and p53 Polymorphisms has Significantly Clinical Role in Oral Cancer at 41st Annual Conference of Association of Clinical Biochemists of India (ACBICON 2014) from 10-13 December 2014, Jodhpur. (**Best Poster Award**)
2. Poster presentation: **Patel KR**, Vajaria BN, Begum R, Patel PS. VEGFA isoforms play a vital role in oral cancer progression at three day National Symposium in Biochemical Sciences at Department of

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Biochemistry, The M.S. University of Baroda, Vadodara 29-31st December, 2014.

3. Oral Presentation: **Patel KR**, Vajaria BN, Begum R, Shukla SN, Patel PS (2013). Contribution of VEGF A isoforms in oral cancer progression. 1st Indian Cancer Congress 2013, 21st - 24th November, 2013 at New Delhi. (**Best Paper in Indian Society of Oncology**)
4. Oral Presentation: **Patel KR** (2013). Gene polymorphisms, tobacco exposure and oral cancer susceptibility: a study from Gujarat, West India. Dr. T.B. Patel young scientist award during hospital day celebration, 17th April 2013 at The Gujarat Cancer and research Institute. (**Bronze Medal**)
5. Poster presentation: **Patel KR**, Vajaria BN, Begum R, Shah FD, Patel JB, Shukla SN, Patel PS (2013). *p53* polymorphisms, *p53* mutations and HPV infection in oral cancer: a study from Gujarat, West India. 32nd Annual Convention of Indian Association for Cancer Research (IACR) & International Symposium on "Infection & Cancer", 13th - 16th February, 2013 at New Delhi.
6. Poster presentation: **Patel KR**, Vajaria BN, Begum R, Shah FD, Patel JB, Shukla SN, Patel PS (2012). Association between p53 polymorphisms and oral cancer risk in West Indian population. International symposium on Recent Advances in Cancer Research, 8th - 9th February, 2012 at Gandhinagar.
7. Poster presentation: **Patel KR**, Vajaria BN, Begum R, Patel JB, Shah FD, Shukla SN, Patel PS (2011). *p53* polymorphisms and oral cancer risk: a case control study. 4th International Conference on Translation Cancer Research, 16th -19th December, 2011 at Udaipur.
8. Oral presentation: **Patel KR** (2010). Role of nitric oxide and antioxidant enzymes in the pathogenesis of oral cancer. Dr. T.B. Patel young scientist award during hospital day celebration, 10th April 2010 at The Gujarat Cancer and research Institute. (**Silver Medal**)
9. Poster presentation: **Patel KR**, Patel JB, Patel SR, Shukla SN, Patel PS (2009). Study of nitrate + nitrite and antioxidant enzymes levels in oral cancer. 36th Annual national conference of Clinical Biochemists of India, 5th-7th November, 2009 at Amrita Institute of Medical Sciences, Kochi, Kerala.
10. Participated in Elocution competition on "Cancer Diagnosis and Therapy 2025" during Science Day Celebration on February 28, 2012 at The

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Gujarat Cancer & Research Institute, Ahmedabad and won second prize.

Workshops attended:

1. Participated in A Course on "DNA Damage & Repair Mechanism" under 'Prof. S. D. Telang Memorial Visiting Faculty Programme 2011' held at The Department of Biochemistry, The M.S. University of Baroda, Vadodara from 19th to 22nd December, 2011.
2. Participated in one day workshop on "Quality Management of Clinical Biochemistry" during 36th Annual Conference of The Association of Clinical Biochemists of India. 5th-7th November, 2009 at Amrita Institute of Medical Sciences, Kochi, Kerala.
3. Attended one day workshop on "Good Clinical Practice" held on December 29, 2012 at The Gujarat Cancer & Research Institute, Ahmedabad.