**Dr. Kamlesh Guleria (M.Sc. Ph.D)**

Assistant Professor (Stage II)
Department of Human Genetics
Guru Nanak Dev University, Amritsar -143005
Telephone: 0183-2258803-09 Ext. 3240 (O)
Mobile: 09815948779
Fax: 0183-2258819; 2258820
E-mail: guleria\_k@yahoo.com

##### **Honours/Awards**

* **Young aspiring cataract research scientist award** from Senju Pharmaceutical Co., Ltd. Japan in the 5th “Asian Cataract Research Conference”, June 23-26, 2004 Seoul, South Korea.
* **Vocational Service Award** from Rotary Club Amritsar, October, 24, 2008.

**Memberships**

* Human Genome Organization
* Indian Society of Human Genetics
* Indian Association of Cancer Research
* Punjab Academy of Sciences

**Publications**

|  |  |
| --- | --- |
| **S. No.** | **Title**  |
| 1. | **Guleria K**, Sambyal V (2003) Chromosomal instability in peripheral blood leucocytes of oesophageal cancer patients. Int J Hum Genet; 3 (3): 179-186. |
| 2. | Roy FH, Singh D, **Guleria K**, Singh RSJ (2005) Comprehensive Classification of Pediatric Cataracts. Ann Ophthalmol, 37(3):157-183. |
| 3. | **Guleria K**, Singh HP, Kaur H, Sambyal V (2005) ABO Blood Groups in Gastrointestinal Tract (GIT) and Breast Carcinoma Patients. The Anthropologist, 7 (3): 189-192. |
| 4. | **Guleria K**, Singh HP, Singh J, Kaur H, Sambyal V (2005) Non-random Chromosomal Aberrations in Peripheral Blood Leucocytes of Gastrointestinal Tract and Breast Cancer Patients. Int J Hum Genet; 5 (3): 205-211. |
| 5. | Vanita V, Hejtmancik JF, Hennies HC, **Guleria K**, Nürnberg P, Singh D, Sperling K, Singh JR (2006) Sutural cataract associated with a mutation in the ferritin light chain gene (*FTL*) in a family of Indian origin.Mol Vis; 12:93-99. |
| 6. | **Guleria K**, Vanita V, Singh D, Singh JR (2007) Novel “pearl box cataract” associated with mutation in the connexin 46 (*GJA3*) gene.Mol Vis; 13: 797-**803.** |
| 7. | **Guleria K**, Sperling K, Singh D, Varon R, Singh JR, Vanita V (2007) A novel mutation in the connexin 46 (*GJA3*) gene associated with autosomal dominant congenital cataract in an Indian family. Mol Vis; 13: 1657-1665. |
| 8. | **Guleria, K**. and Sambyal, V. (2010). Spectrum of Chromosomal Aberrations in Peripheral Blood Lymphocytes of Gastrointestinal Tract (GIT) and Breast Cancer Patients. International Journal of Human Genetics 10(1-3): 147-158. |
| 9. | Saxena, R., Kohli, S., **Guleria, K**. and Verma, I.C. (2010). Novel human pathological mutations. Gene symbol: TP53. Disease: Li-Fraumeni syndrome. Human Genetics, 127(4): 480. |
| 10. | Al-Balool, H.H., Weber, D., Liu, Y., Wade, M., **Guleria, K**., Nam, P.L.P., Rowe, W., Clayton, J., Coxhead, J., Irving, J., Lastowska, M., Elliott, D., Hall, A., Santibanez-Koref, M., Jackson, M.S. (2011) Identification of abundant and evolutionarily conserved post transcriptional exon shuffling events in human. Genome Research; 21(11):1788-1799. |
| 11. | **Guleria K**, Sharma S, Manjari M, Uppal MS, Singh NR, Sambyal V (2012). p.R72P, PIN3 Ins16bp Polymorphisms of TP53 and *CCR5*Δ32 in North Indian Breast Cancer Patients**.** Asian Pac J Cancer Prev; 13(7):3305-11 |
| 12. | Chandel N, Chauhan A, **Guleria K**. (2013). The p.Pro47Ser polymorphism of TP53: A Systematic Review. International Journal of Cancer Research; 9(1): 1-8. |
| 13. | Kapahi R,Manjari M, Uppal MS, Singh NR, Sambyal V, **Guleria K** (2013).Association of -2549 I/D polymorphism of Vascular Endothelial Growth Factor (VEGF) with Breast cancer in North Indian Patients. Genet Test Mol Biomarkers; 17(3): 242-248. |

**Ongoing Research Projects**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S. No.** | **Title** | **PI/Co-I** | **Funding****Agency** | **Amount (Rs.)** | **Period** |
| 1. | Assessment of *VEGF* Polymorphisms and Serum Vascular Endothelial Growth Factor (sVEGF-C) level as Prognostic Marker for Breast Cancer | Dr. Kamlesh Guleria (PI)Dr. Vasudha Sambyal (Co-PI) | DBT | 16.08 Lakhs | 2009-2013 |
| 2. | Assessment of *HIF-1α* and *TP53* polymorphisms and their serum levels in Breast Cancer Patients | Dr. Kamlesh Guleria (PI) | UGC | 10.66 Lakh | 2011-2014 |
| 3. | Assessment of *HIF-1α* and *TP53* as prognostic markers in esophageal cancer - A Multidisciplinary Approach | Dr. Vasudha Sambyal (PI)Dr. Kamlesh Guleria (Co-PI) | DST | 49.68 Lakhs | 2012-2015 |
| 4. | Risk Assessment for Cancer | Dr. Vasudha Sambyal Dr. Kamlesh Guleria  | UGCCPEPA | 1.20 Lakhs/year | 2012-2017 |
| 5. | Risk assessment for cancer in population exposed to pollutants | Dr. Vasudha Sambyal Dr. Kamlesh Guleria  | UGCUPE | 1.30 Lakhs/year  | 2012-2017 |