

## BIODATA

### PERSONAL INFORMATION

Name Naresh Mahajan  
Date of Birth April 10, 1981  
Sex Male  
Nationality Indian  
Father's Name Sh. Mukesh Mahajan  
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### EDUCATIONAL BACKGROUND:

Course	Year of Passing	Institution/Board	Subjects	%age Marks	Division
Matriculation	1996	Punjab School Education Board	English, Punjabi, Mathematics, Science, Social Science	59.23%	2 <sup>nd</sup>
SSCE II	1998	Punjab School Education Board	Physics, Chemistry, Biology, Punjabi, English	56.67%	2 <sup>nd</sup>
B.Sc (Medical)	2003	S.M.D.R.S.D College Pathankot (Guru Nanak Dev University, Amritsar)	English, Punjabi, Botany, Chemistry, Zoology	50.58%	2 <sup>nd</sup>
M.Sc	2007	Guru Nanak Dev University, Amritsar	Human Genetics	55%	2 <sup>nd</sup>

### Research Experience:

**M.Sc 2007-2008** Trainig Report DNA Damage Investigation In Obese Men With Cardiovascular Disease Using The Single Cell Gel Electrophoresis Assay

**Ph.D Pursuing (from 2008)**

# **Techniques known:**

## **Cytogenetic Techniques**

- Comet Assay
- Modified Comet assay
- Cytokinesis-Block Micronucleus (CBMN) assay
- Lymphocyte Culturing

## **Molecular genetic techniques:**

- DNA Isolation
- DNA Quantification
- Polymerase Chain Reaction (PCR)
- Gel Electrophoresis
- RFLP
- SDS PAGE

## **Biochemical Techniques:**

- Total Oxidant Status/Total Antioxidant Status
- Malondialdehyde (MDA)
- Lipid Profile

## **WORKSHOPS/TRAININGS ATTENDED**

1. International Workshop on Genetic and Molecular Diagnosis in Modern Medicine, Kamineni Education Society, Hyderabad, Feb. 13-15, 2009.
2. Undertook hands-on training for basic molecular genetic techniques at Centre for Cellular and Molecular Biology, Hyderabad, Feb. 16-19, 2009.

## **PAPERS PRESENTED AND CONFERENCES/ SYMPOSIA ATTENDED**

1. Mahajan, N. and Gandhi, G. DNA Damage Studies in Obese Males with Cardiovascular Disease using the Single Cell Gel Electrophoresis Assay. Abstract-Fifth International Symposium on Genetics, Health and Disease "Omics in the 21<sup>st</sup> Century", Department of Human Genetics & Centre for Genetic Disorders, Guru Nanak Dev University, Amritsar Feb. 17-19, 2008 (Presented)
2. Mahajan, N. and Gandhi, G. Micro electrophoretic study of DNA Damage in Obese Individuals with Cardiovascular Disease. International Symposium "Molecular Aspects of Brain Aging and Neurological Disorders and Annual Meeting of Society of Neurochemistry, India". Department of Biotechnology, Guru Nanak Dev University, Amritsar, Nov. 28-29, 2008 (Presented)
3. International Conference on Genetic and Molecular Diagnosis in Modern Medicine, Kamineni Education Society, Hyderabad, February 13-15, 2009. (Presented)
4. Mahajan, N. and Gandhi, G. Assessment of Genetic Damage in Coronary Artery Disease Patients. National Seminar "Environment and Sustainable Development", Department of Botanical and Environmental Sciences, Guru Nanak Dev University, Amritsar, Nov. 3-4, 2009. (Presented)
5. Bhatt, M. A., Mahajan, N. and Gandhi, G. Single Cell Gel Electrophoresis Assay in Coronary Artery Disease Patients and Controls. XXXVI Annual Conference of Environmental Mutagen Society of India (EMSI) and International Symposium on "Environmental Exposures to Mutagens and Carcinogens on Human health". VIT University, Vellore, Tamil Nadu, India. Feb. 4-6, 2011. (Accepted)
6. Mahajan, N., Bhatt, M.A. and Gandhi, G. Evaluation of DNA Damage in Coronary Artery Disease Patients. 14<sup>th</sup> Punjab Science Congress, Role of Scientific Innovations and Knowledge in Economic Development, Organized by Sant

- Longowal Institute of Engineering & Technology, Longowal, Distt. Sangrur, Punjab. Feb. 7-9, 2011. (Accepted)
7. Mahajan, N., Bhatt, M. A. and Gandhi, G. Assessment of Genetic Damage in Coronary Artery Disease patients. International Conference on “Science, Spirituality and Humanity: Transcending Discipline Barriers”, Shivaji College, University of Delhi, Delhi. Feb. 17-19, 2011. (Accepted)

### **Papers**

1. GANDHI G., KAUR J. AND **MAHAJAN N** (2011) Detection of DNA Damage in Obese Cardiovascular Disease Patients and Comparison Between Genders: A Case-Control Study. *International Journal of Genetics* 3(2); 66-71
2. Bhat M A., **Mahajan N** and Gandhi G (2012) Oxidative stress status in coronary artery disease patients. *International Journal of Life Sciences Biotechnology and Pharma Research*. 1(2)236-243.
3. Gandhi G., Kaur G, Kaur A, **Mahajan N** and Kaur J. (2012) Genetic Sensitivity to Phenylthiocarbamide - Effect on Body Mass Indices and DNA damage. *Antrocom Online Journal of Anthropology* 8: 91-101