

# GENOMIC 'UNITY IN DIVERSITY' OF INDIA AND ITS IMPLICATIONS FOR GENOMIC MEDICINE

ARIJIT MUKHOPADHYAY  
(ON BEHALF OF THE INDIAN GENOME VARIATION CONSORTIUM)

---

*The Indian Genome Variation Consortium is one of the most ambitious endeavors taken up by the Council of Scientific and Industrial Research with funding from the Government of India. In this project we have acquired genetic information from hundreds of loci in more than 2000 individuals representing 55 populations of India. The data has revealed surprising similarities between populations that are contrasting to each other, geographically and culturally. It has shed new light on our population history and most importantly it has given us the handle to uncover hitherto unknown, private genetic changes that either protects or puts at-risk for a large number of common complex diseases. Based on this data future policies can be made which will lead to better, more efficient and population specific disease management for India.*

---