



© Kamla-Raj 2008

PRINT: ISSN 0972-3757 ONLINE: 2456-6360

Int J Hum Genet. 8(1-2): 85-96 (2008)

DOI: 10.31901/24566330.2008/08.01-2.08

## **Distribution of Mitochondrial DNA Macrohaplogroup N in India with Special Reference to Haplogroup R and its Sub-Haplogroup U**

Suwendu Maji, S. Krithika and T.S. Vasulu\*

*Biological Anthropology Unit, Indian Statistical Institute, Kolkata 700 108,  
West Bengal, India*

**KEYWORDS** Mitochondrial DNA diversity; macrohaplogroup N; haplogroup R; sub-haplogroup U; Indian populations

**ABSTRACT** Indian populations show mitochondrial DNA macrohaplogroups M and N. Among the various haplogroups of N, haplogroup R and its sub-haplogroup U are predominant among the diverse populations. An overview of about 130 studied populations reveals wide diversity of haplogroup R and its sub-haplogroup U among varied ethnic status and different linguistic families. The various lineages of macrohaplogroup N observed in India shows least affiliation with respect to language, geography or ethnicity. However, between the regions, there is a wide variation of subhaplogroups of R and U; western region among the castes and southern region among the tribes show higher haplogroup diversity than the other regions.