

© *Kamla-Raj* 2002

PRINT: ISSN 0972-3757 ONLINE: 2456-6360

*Int J Hum Genet*, 2(3): 139-152 (2002)

DOI: 10.31901/24566330.2002/02.03.01

## Beta Globin Gene and Related Diseases: A Review

Swapan Kumar Das<sup>1</sup> and Geeta Talukder<sup>2</sup>

1. *University of Arkansas for Medical Sciences, Box 234, 4301 West Markham Street,  
Little Rock, AR 72205, USA  
E-mail: swkuda@yahoo.com*

2. *Vivekananda Institute of Medical Sciences, Ramakrishna Mission Seva  
Pratishthan, Kolkata 700 026, West Bengal, India  
E-mail: geetatalakudar@hotmail.com rkmsp@cal2.vsnl.net.in*

**KEY WORDS** Haemoglobinopathies; inherited disorder; pathogenesis; molecular structure

**ABSTRACT** In the present paper an attempt has been made to review the variations Clinical or phenotypic diversity of b-thalassaemia and other b-haemoglobinopathies suggest that it is determined by layer upon layer of complexity. A wide variety of primary mutations at the b-globin gene; two well-defined secondary modifying loci (d and a gene) and several less well characterized tertiary modifiers interact with strong environmental component.

---

[Home](#)

[Back](#)

---