

**Dr. Aisha Mohyuddin**  
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**Biological Sciences**



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**Specialization:**

Human Genetics

**Education:**

PhD, (2001), Quaid-i-Azam University, Islamabad, Pakistan.

M.Sc. Biochemistry (1993), Quaid-i-Azam University, Islamabad, Pakistan.

B.Sc. (Bot, Zool., Chem., 1990), Government College for Women, Rawalpindi, Pakistan.

**Experience:**

2017 - to date – National University of Medical Sciences, Rawalpindi

2007-2017 – Section of Biochemistry, Shifa College of Medicine, Islamabad

1994-2007 – Biomedical and Genetics Engineering Division, KRL, Islamabad

**Research Interests:**

Human population and disease genetics

**Publications:**

Raza A, Firasat S, Khaliq S, Abid A, Shah SS, Mehdi SQ, **Mohyuddin A**. HLA class I and II polymorphisms in the Gujjar population from Pakistan. Immunol Invest. 42(8):691-700 (2013).

Rehman S, Akhtar N, Saba N, Munir S, Ahmed W, **Mohyuddin A**, Khanum A. A study on the association of TNF- $\alpha$ -308, IL-6-174, IL-10-1082 and IL-1RaVNTR gene polymorphisms with rheumatic heart disease in Pakistani patients. Cytokine. 61(2):527-31 (2013).

Rehman S, Akhtar N, Ahmad W, Ayub Q, Mehdi SQ, **Mohyuddin A**. HLA class II association with rheumatic heart disease in Pakistan. J. Heart Valve Dis. 16:300-304 (2007).

**Mohyuddin A**, Ayub Q, Underhill PA, Tyler-Smith C, Mehdi SQ. Detection of novel Y SNPs provides further insights into Y chromosomal variation in Pakistan. J. Hum Genet. 51:375-378 (2006).

Qamar R, Ayub Q, **Mohyuddin A**, Helgason A, Mazhar K, Mansoor A, Zerjal T, Tyler-Smith C and Mehdi SQ. Y chromosomal DNA variation in Pakistan. Am J Hum Genet. 70:1107-1124 (2002).

**Mohyuddin A**, Ayub Q, Khaliq S, Mansoor A, Mazhar K, Rehman S, Mehdi SQ. HLA polymorphism in six ethnic groups from Pakistan. Tissue Antigens. 59:492-501 (2002).