



### Working Group Interim Report

1	Title of Working Group	Fungal Rhinosinusitis
2	Name(s) of Coordinator(s)	Prof. Arunaloke Chakrabarti
3	Objectives	<ol style="list-style-type: none"> <li>1. Determine the prevalence of fungal rhinosinusitis among patients with chronic rhinosinusitis</li> <li>2. Resolve the controversies those are involved in the categorization of fungal rhinosinusitis</li> <li>3. List of spectrum of etiological agents in each category of fungal rhinosinusitis and determine 'Why <i>A. flavus</i> is common in Sudan, India, Pakistan and <i>A. fumigatus</i> in Europe and USA?</li> <li>4. Determine the role of local innate immunity and genetic risk factor analysis of fungal rhinosinusitis</li> <li>5. Develop most suitable and acceptable experimental animal model for fungal rhinosinusitis</li> <li>6. Develop the algorithm for the diagnosis of fungal rhinosinusitis by defining the Role of radiology, histopathology, serology, PCR in diagnosis</li> <li>7. Develop the suitable treatment protocol for the therapy of different category of fungal rhinosinusitis.</li> </ol>
4	Achievements of the Working Group in last year (250 words)	<ol style="list-style-type: none"> <li>1. Presentation of the working group activity in the ISHAM congress at Berlin, 2012. Prof. Chakrabarti spoke on categorization, Prof. W Buzina spoke on diagnosis, Prof. David Denning spoke on management. The session was well attended</li> <li>2. Two important studies have been conducted in the area of epidemiology and pathogenesis <ol style="list-style-type: none"> <li>a. The inflammatory process of eosinophil-related fungal rhinosinusitis varies with geographical locations. This study first time clarified that the host response to fungi in patients with FRS varied</li> </ol> </li> </ol>

		<p>in geographical location and provided further information in categorization of eosinophil-related FRS</p> <p>b. Prevalence of fungal rhinosinusitis among patients in chronic rhinosinusitis. The study was conducted in the villages of north India.</p>
5	Is your Working Group going to continue for the next three years?	Yes we would like to continue the working group for another three years