

9.2 Research Projects Ongoing by the Faculties of the Department

SINo	Name of Project	Principal Investigator	Sponsoring/Funding Agency	Comments/Remarks
International Ongoing Projects				
1.	A Randomized, Double Blind, Placebo Controlled Phase 2/3 Study to Evaluate the Efficacy, Safety, Pharmacokinetics, and Pharmacodynamics of ANX005 in Subjects with Guillain-Barré Syndrome	Prof. Quazi Deen Mohammad, Director & Professor of Neurology, NINS	Icddr,b	
2.	Understanding the impact of COVID-19 on bacterial sepsis, antibiotic consumption and stewardship, and antimicrobial resistance	Dr. Md. Abdullah Yusuf, Associate Professor of Microbiology, NINS	Prof. Timothy R. Walsh, Professor of Medical Microbiology and Antibiotic Resistance, Department of Zoology, University of Oxford, UK	Conducting on 12 countries, Multi-National Study
3.	Distribution of Potential Risk Factors of Infantile Hydrocephalus (IHCP) in a Specialized Hospital in Bangladesh	Dr. Sudipto Kumer Mukherjee, Associate Professor of Pediatric Neurosurgery, NINS	Hydrocephalus Association, United States	
4.	Impact of Unrestricted Antibiotic Usage on the Gut Microbiome and Antibiotic Resistance Genes (ARGs) among Bangladeshi Population	Dr. Md. Abdullah Yusuf, Associate Professor of Microbiology, NINS	Dr Suparna Mitra, Microbiome Research Scientist, University of Leeds, Microbiology, UK	
5.	Understanding the genetic causes of Parkinson's Disease: A Multicenter Multi Nation Study	Prof. Dr. M. S. Jahirul Hoque Chowdhury, Professor, Dept. of Neurology, NINS	International Parkinson and Movement Disorder Society, USA	
6.	Clinical, Genetic and Transcriptomics Analysis of Motor System Disorders in Sheffield, UK and Dhaka, Bangladesh	Prof. Quazi Deen Mohammad, Director & Professor of Neurology, NINS	Professor Pamela J Shaw, Sheffield University, UK	
7.	A prospective INC study on clinical and biological predictors of disease course and outcome in Guillain-Barré Syndrome (GBS): An International GBS outcome study (IGOS)	Prof. Quazi Deen Mohammad, Director & Professor of Neurology, NINS	Erasmus MC, Rotterdam, The Netherlands	

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National Ongoing Projects				
8.	Determination of Emerging Risk Factors of Stroke (DEISE) for Bangladeshi Population	Prof. Dr. Md. Badrul Alam, Professor of Neurology & Joint Director, NINS	MOHFW, Dhaka	
9.	Neuroimaging findings in Alzheimer's disease Relation of Cognitive Profiles and atrophy ratings on MRI	Prof. Dr. Maliha Hakim, Professor & Head, Dept. of Neurology, NINS	Self-Funding	
10.	A nationwide facility-based study for determination of prevalence of 'Inborn Errors of Metabolism' among high-risk neonates and children in Bangladesh	Prof. Dr. Narayan Chandra Saha, Professor, Dept. of Paediatrics Neurology, NINS	MOHFW, Dhaka	
11.	Whole Exome Sequencing (WES) study to identify novel susceptibility loci in Aneurysmal Subarachnoid Hemorrhage (aSAH) patients in Bangladesh	Prof. Sharif Uddin Khan, Professor of Neurology, NINS	MOHFW, Dhaka	
12.	Early Dementia Questionnaire Score, Neuroimaging Findings and effect of treatment in early Alzheimer's disease with normal MMSE	Prof. Dr. Maliha Hakim, Professor & Head, Department of Neurology, NINS	Self-Funding	
13.	Nationwide Epilepsy survey with WHO	Prof. Dr. Md. Badrul Alam, Professor of Neurology & Joint Director, NINS		
14.	CURE Hydrocephalus Spina Bifida (CHSB) International Collaborative- (Collaboration with Cure international)	Dr. Sudipto Kumer Mukherjee, Associate Professor of Pediatric Neurosurgery, NINS		
15.	Comparative study between outcome of Septate and simple Hydrocephalus	Dr. Sudipto Kumer Mukherjee, Associate Professor of Pediatric Neurosurgery, NINS		

