

icddr,b Publications 2013

A. Original papers, including review articles and short reports in journals

1. Adams AM, Ahmed T, Arifeen SE, Evans TG, Huda T, Reichenbach L, and for the Bangladesh Team (Ahmed F, Ahmed S, Ahmed SM, Azad K, Bhuiya A, Cash RA, Chen LC, Chowdhury ME, Chowdhury AMR, Christou A, Halder SR, Husain M, Islam MS, Islam KS, Huq S, Hussain Z, Mahmood SS, Mahmud S, Mallick FH, May MA, Osman FA, Peters DH, Perry H, Rabbani A, Rahman MA, Rahman M, Rasheed S, Rashid SF, Al-Sabir A, Standing H). Innovation for universal health coverage in Bangladesh: a call to action. *Lancet* 2013 Dec 21;382(9910):2104-11
2. Adams AM, Rabbani A, Ahmed S, Mahmood SS, Al-Sabir A, Rashid SF, Evans TG. Explaining equity gains in child survival in Bangladesh: scale, speed, and selectivity in health and development. *Lancet* 2013 Dec 14;382(9909):2027-37
3. Afrad MH, Hassan Z, Farjana S, Moni S, Barua S, Das SK, Faruque AS, Azim T, Rahman M. Changing profile of rotavirus genotypes in Bangladesh, 2006-2012. *BMC Infect Dis* 2013 Jul 15;13:320
4. Afrad MH, Karmakar PC, Das SK, Matthijnsens J, Ahmed F, Nahar S, Faruque ASG, Rahman MZ, Rahman M, Azim T. Epidemiology and genetic diversity of human astrovirus infection among hospitalized patients with acute diarrhea in Bangladesh from 2010 to 2012. *J Clin Virol* 2013 Dec;58(4):612-8
5. Afrad MH, Matthijnsens J, Moni S, Kabir F, Ashrafi A, Rahman MZ, Faruque ASG, Azim T, Rahman M. Genetic characterization of a rare bovine-like human VP4 mono-reassortant G6P[8] rotavirus strain detected from an infant in Bangladesh. *Infect Genet Evol* 2013 Jul 10;19C:120-6
6. Afroze F, Pietroni MAC, Chisti MJ. Recurrent sclerema in a young infant presenting with severe sepsis and severe pneumonia: an uncommon but extremely life-threatening condition (case study). *J Health Popul Nutr* 2013 Dec;31(4):538-42
7. Ahmed ASMNU, Khan NZ, Hussain M, Amin MR, Hanif M, Mahub M, Arifeen SE, Baqui AH, Qazi SA, Saha SK. Follow-up of cases of *Haemophilus influenzae* type b meningitis to determine its long-term sequelae. *J Pediatr* 2013 Jul;163(1 Suppl):S44-9
8. Ahmed AU, Ahmed TU, Uddin MS, Chowdhury MHA, Rahman MH, Hossain MI. Outcome of standardized case management of under-5 children with severe acute malnutrition in three hospitals of Dhaka city in Bangladesh. *Bangladesh J Child Health* 2013 Apr;37(1):5-13
9. Ahmed D, Islam MS, Begum YA, Janzon A, Qadri F, Sjöling A. Presence of enterotoxigenic *Escherichia coli* in biofilms formed in water containers in poor

households coincides with epidemic seasons in Dhaka. *J Appl Microbiol* 2013 Apr;114(4):1223-9

10. Ahmed S, Farzana FD, Ferdous F, Chisti MJ, Malek MA, Faruque ASG, Das SK. Urban-rural differentials in using antimicrobials at home among under-5 children with diarrhea. *Sci J Clin Med* 2013 May;2(3):81-6
11. Ahmed S, Galagan S, Scobie H, Khyang J, Prue CS, Khan WA, Ram M, Alam MS, Haq MZ, Akter J, Glass G, Norris DE, Nyunt MM, Shields T, Sullivan DJ, Sack DA. Malaria hotspots drive hypoendemic transmission in the Chittagong Hill districts of Bangladesh. *PLoS ONE* 2013 Aug 6;8(8):e69713
12. Ahmed S, Nasrin D, Ferdous F, Farzana FD, Kaur G, Chisti MJ, Das SK, Faruque ASG. Acceptability and compliance to a 10-day regimen of zinc treatment in diarrhea in rural Bangladesh. *Food Nutri Sci* 2013 Apr; 4(4):357-64
13. Ahmed S, Rekha RS, Ahsan KB, Doi M, Grandér M, Roy AK, Ekström E-C, Wagatsuma Y, Vahter M, Raqib R. Arsenic exposure affects plasma insulin-like growth factor 1 (IGF-1) in children in rural Bangladesh. *PLoS ONE* 2013 Nov 27; 8(11):e81530
14. Ahmed SM, Evans TG, Standing H, Mahmud S. Harnessing pluralism for better health in Bangladesh. *Lancet* 2013 Nov 23;382(9906):1746-55
15. Ahmed T, Bhuiyan TR, Zaman K, Sinclair D, Qadri F. Vaccines for preventing enterotoxigenic *Escherichia coli* (ETEC) diarrhea. *Cochrane Database Syst Rev* 2013 Jul 5;7:CD009029
16. Akanda AS, Jutla AS, Gute DM, Sack RB, Alam M, Huq A, Colwell RR, Islam S. Population vulnerability to biannual cholera outbreaks and associated macro-scale drivers in the Bengal Delta. *Am J Trop Med Hyg* 2013 Nov;89(5):950-9
17. Akhter D, Das SK, Chisti MJ, Imran G, Farzana FD, Ahmed S, Ferdous F, Malek MA, Faruque ASG. Health and nutritional status of young foster children attending a diarrhea treatment hospital in Bangladesh. *Food Nutr Sci* 2013 Aug;4(8):785-90
18. Akhter N, Sondhya FY. Nutritional status of adolescents in Bangladesh: Comparison of severe thinness status of a low-income family's adolescents between urban and rural Bangladesh. *J Edu Health Promot* 2013 Feb;2:27
19. Akkerman OW, van der Werf TS, de Boer M, de Beer JL, Rahim Z, Rossen JWA, van Soolingen D, Kerstjens HAM, van der Zanden AGM. Comparison of 14 molecular assays for detection of *Mycobacterium tuberculosis* complex in broncho-alveolar lavage fluid. *J Clin Microbiol* 2013 Nov;51(11):3505-11.
20. Alam A, Bracken H, Johnston HB, Raghavan S, Islam N, Winikoff B, Reichenbach L. Acceptability and feasibility of mifepristone-misoprostol for menstrual regulation in Bangladesh. *Int Perspect Sex Reprod Health* 2013 Jun;39(2):79-87

21. Alam DS, Jha P, Ramasundarahettige C, Streatfield PK, Niessen LW, Chowdhury MAH, Siddiquee AT, Ahmed S, Evans TG. Smoking-attributable mortality in Bangladesh: proportional mortality study. *Bull World Health Organ* 2013 Oct 1;91(10):757-64
22. Alam MM, Arifuzzaman M, Ahmad SM, Hosen MI, Rahman MA, Rashu R, Sheikh A, Ryan ET, Calderwood SB, Qadri F. Study of avidity of antigen-specific antibody as a means of understanding development of long-term immunological memory after *Vibrio cholerae* O1 infection. *Clin Vaccine Immunol* 2013 Jan;20(1):17-23
23. Alam MM, Leung DT, Akhtar M, Nazim M, Akter S, Uddin T, Khanam F, Mahbuba DA, Ahmad SM, Bhuiyan TR, Calderwood SB, Ryan ET, Qadri F. Antibody avidity following administration of an oral killed cholera vaccine: comparing humoral immune responses in Bangladeshi children with those in adults. *Clin Vaccine Immunol* 2013 Oct;20(10):1541-8
24. Alam MM, Tsai LL, Rollins SM, Sheikh A, Khanam F, Bufano MK, Yu Y, Wu-Freeman Y, Kalsy A, Sultana T, Sayeed MA, Jahan N, LaRocque RC, Harris JB, Leung DT, Brooks WA, Calderwood SB, Charles RC, Qadri F, Ryan ET. Identification of *in vivo*-induced bacterial proteins during human infection with *Salmonella enterica* serotype Paratyphi A. *Clin Vacc Immunol* 2013 May;20(5):712-9
25. Alam N, Chowdhury ME, Mridha MK, Ahmed A, Reichenbach LJ, Streatfield PK, Azim T. Factors associated with condom use negotiation by female sex workers in Bangladesh. *Int J STD AIDS* 2013 Oct;24(10):813-21
26. Alam S, Khanum H, Zaman RF, Haque R. Prevalence of different protozoan parasites in patients visiting at ICDDR'B hospital, Dhaka. *J Asiat Soc Bangladesh Sci* 2013 Jun;39(1):117-23
27. Ali M, Kim DR, Yunus M, Emch M. Time series analysis of cholera in Matlab, Bangladesh, during 1988-2001. *J Health Popul Nutr* 2013 Mar;31(1):11-9
28. Al-Mamun A, Mily A, Sarker P, Tiash S, Navarro A, Akter M, Talukder KA, Islam MF, Agerberth B, Gudmundsson GH, Cravioto A, Raqib R. Treatment with phenylbutyrate in a pre-clinical trial reduces diarrhea due to enteropathogenic *Escherichia coli*: link to cathelicidin induction. *Microbes Infect* 2013 Nov;15(13):939-50
29. Ana J, Koehlmoos T, Smith R, Yan LL. Research misconduct in low- and middle-income countries. *PLoS Med* 2013 Mar 26;10(3):e1001315
30. Anthony SJ, Epstein JH, Murray KA, Navarrete-Macias I, Zambrana-Torrel CM, Solovyov A, Ojeda-Flores R, Arrigo NC, Islam A, Khan SA, Hosseini P, Bogich TL, Olival KJ, Sanchez-Leon MD, Karesh WB, Goldstein T, Luby SP, Morse SS, Mazet JAK, Daszak P, Lipkin WI. A strategy to estimate unknown viral diversity in mammals. *mBio* 2013 Sep 3;4(5):e00598-13
31. Argos M, Rahman M, Parvez F, Dignam J, Islam T, Quasem I, Hore SK, Haider AT, Hossain Z, Patwary TI, Rakibuz-Zaman M, Sarwar G, La Porte P, Harjes J, Anton K,

- Kibriya MG, Jasmine F, Khan R, Kamal M, Shea CR, Yunus M, Baron JA, Ahsan H. Baseline comorbidities in a skin cancer prevention trial in Bangladesh. *Eur J Clin Invest* 2013 Jun;43(6):579-88
32. Arifeen SE, Christou A, Reichenbach L, Osman FA, Azad K, Islam KS, Ahmed F, Perry HB, Peters DH. Community-based approaches and partnerships: innovations in health-service delivery in Bangladesh. *Lancet* 2013 Dec 14;382(9909):2012-26
 33. Arnold BF, Null C, Luby SP, Unicomb L, Stewart CP, Dewey KG, Ahmed T, Ashraf S, Christensen G, Clasen T, Dentz HN, Fernald LC, Haque R, Hubbard AE, Kariger P, Leontsini E, Lin A, Njenga SM, Pickering AJ, Ram PK, Tofail F, Winch PJ, Colford JM, Jr. Cluster-randomised controlled trials of individual and combined water, sanitation, hygiene and nutritional interventions in rural Bangladesh and Kenya: the WASH benefits study design and rationale. *BMJ Open* 2013 Aug 30;3(8):e003476
 34. Arsenault HE, Yakes EA, Islam MM, Hossain MB, Ahmed T, Hotz C, Lewis B, Rahman AS, Jamil KM, Brown KH. Very low adequacy of micronutrient intakes by young children and women in rural Bangladesh is primarily explained by low food intake and limited diversity. *J Nutr* 2013 Feb 1;143(2):197-203
 35. Ashenafi S, Aderaye G, Zewdie M, Raqib R, Bekele A, Magalhaes I, Lema B, Habtamu M, Rekha RS, Aseffa G, Maeurer M, Aseffa A, Svensson M, Andersson J, Brighenti S. BCG-specific IgG-secreting peripheral plasmablasts as a potential biomarker of active tuberculosis in HIV negative and HIV positive patients. *Thorax* 2013 Mar;68(3):269-76
 36. Ashraf S, Huque MH, Kenah E, Agboatwalla M, Luby SP. Effect of recent diarrhoeal episodes on risk of pneumonia in children under the age of 5 years in Karachi, Pakistan. *Int J Epidemiol* 2013 Feb;42(1):194-200
 37. Azhar BS, Monirujjaman M, Islam KS, Afrin S, Hossain MS. Sex, conception interval, gestational age, apgar score, and anthropometric surrogates in relation to birth weight of Bangladeshi newborns: a cross-sectional study. *ISRN Public Health* 2013:405725
 38. Balabanova D, Mills A, Conteh L, Akkazieva B, Banteyerga H, Dash U, Gilson L, Harmer A, Ibraimova A, Islam Z, Kidanu A, Koehlmoos TP, Limwattananon S, Muraleedharan VR, Murzalieva G, Palafox B, Panichkriangkrai W, Patcharanarumol W, Penn-Kekana L, Powell-Jackson T, Tangcharoensathien V, McKee M. Good health at low cost 25 years on: lessons for the future of health systems strengthening. *Lancet* 2013 Jun 15;381(9883):2118-33
 39. Banu S, Rahman MT, Uddin MKM, Khatun R, Ahmed T, Rahman MM, Husain MA, van Leth F. Epidemiology of tuberculosis in an urban slum of Dhaka city, Bangladesh. *PLoS ONE* 2013 Oct 21;8(10):e77721
 40. Baqui AH, Rosen HE, Lee ACC, Applegate JA, Arifeen SE, Rahman SM, Begum N, Shah R, Darmstadt GL, Black RE. Preterm birth and neonatal mortality in a rural Bangladeshi cohort: implications for health programs. *J Perinatol* 2013 Dec;33(12):977-81

41. Bari SMN, Roky MK, Mohiuddin M, Kamruzzaman M, Mekalanos JJ, Faruque SM. Quorum-sensing autoinducers resuscitate dormant *Vibrio cholera* in environmental water samples. *Proc Natl Acad Sci USA* 2013 Jun 11;110(24):9926-3
42. de Barra M, DeBruine LM, Jones BC, Mahmud ZH, Curtis VA. Illness in childhood predicts face preferences in adulthood. *Evol Hum Behav* 2013;34(6):384-9
43. Bartlett E, Parr J, Lindeboom W, Khanam MA, Koehlmoos TP. Sources and prevalence of self-reported asthma diagnoses in adults in urban and rural settings of Bangladesh. *Glob Public Health* 2013;8(1):79-89
44. Bhattacharya SK, Sur D, Ali M, Kanungo S, You YA, Manna B, Sah B, Niyogi SK, Park JK, Sarkar B, Puri MK, Kim DR, Deen JL, Holmgren J, Carbis R, Dhingra MS, Donner A, Nair GB, Lopez AL, Wierzba TF, Clemens JD. 5 year efficacy of a bivalent killed whole-cell oral cholera vaccine in Kolkata, India: a cluster-randomised, double-blind, placebo-controlled trial. *Lancet Infect Dis* 2013 Dec;13(12):1050-6
45. Bhuiyan MU, Zaman S, Ahmed T. Risk factors associated with overweight and obesity among urban school children and adolescents in Bangladesh: a case-control study. *BMC Pediatrics* 2013 May 8;13(1):72
46. Bhutta ZA, Das JK, Rizvi A, Gaffey MF, Walker N, Horton S, Webb P, Lartey A, Black RE, The Lancet Nutrition Interventions Review Group (Bhutta ZA, Rizvi A, Das JK, Salam RA, Yousafzai A, Lassi ZS, Lenters L, McPhail C, Wazny K, Gaffey MF, Zlotkin S, Imdad A, Haider BA, Welch V, Martorell R, Black RE, Walker N, Tam Y, Ahmad T), and the Maternal and Child Nutrition Study Group (Black RE, Victora C, Walker S, Alderman H, Bhutta ZA, Gillespie S, Haddad L, Horton S, Lartey A, Mannar V, Ruel M, Webb P). Evidence-based interventions for improvement of maternal and child nutrition: what can be done and at what cost? *Lancet* 2013 Aug 3;382(9890):452-77
47. Bonhoeffer J, Imoukhuede B, Aldrovandi G, Bachtiar NS, Chan ES, Chang S, Chen RT, Fernandopulle R, Goldenthal KL, Heffelfinger JD, Hossain S, Jevaji I, Khamesipour A, Kochhar S, Makhene M, Malkin E, Nalin D, Prevots R, Ramasamy R, Sellers S, Vekemans J, Walker B, Wilson P, Wong V, Zaman K, Heininger U; for the Brighton Collaboration Clinical Trial Protocol Working Group. Template protocol for clinical trials investigating vaccines-focus on safety elements. *Vaccine* 2013 Nov 12;31(47):5602-20
48. Bontell I, Sarker MS, Rahman M, Afrad MH, Sönnnerborg A, Azim T. Molecular dating of HIV-1 subtype C from Bangladesh. *PLoS ONE* 2013 Nov 1;8(11):e79193
49. Bowen A, Agboatwalla M, Ayers T, Tobery T, Tariq M, Luby SP. Sustained improvements in handwashing indicators more than 5 years after a cluster-randomised, community-based trial of handwashing promotion in Karachi, Pakistan. *Trop Med Int Health* 2013 Mar;18(3):259-67

50. Bruins M, Rahim Z, Bos A, van de Sande WW, Endtz HP, van Belkum A. Diagnosis of active tuberculosis by e-nose analysis of exhaled air. *Tuberculosis (Edinb)* 2013 Mar;93(2):232-8
51. Burford BJ, Welch V, Waters E, Tugwell P, Moher D, O'Neill J, Koehlmoos T, Petticrew M. Testing the PRISMA-equity 2012 reporting guideline: the perspectives of systematic review authors. *PLoS ONE* 2013 Oct 10;8(10):e75122
52. Campbell H, Arifeen SE, Hazir T, O'Kelly J, Bryce J, Rudan I, Qazi SA. Measuring coverage in MNCH: challenges in monitoring the proportion of young children with pneumonia who receive antibiotic treatment. *PLoS Med* 2013 May 7;10(5):e1001421
53. Cash RA, Halder SR, Husain M, Islam MS, Mallick FH, May MA, Rahman M, Rahman MA. Reducing the health effect of natural hazards in Bangladesh. *Lancet* 2013 Dec 21;382(9910):2094-103
54. Chakraborty S, Alam M, Scobie HM, Sack DA. Adaptation of a simple dipstick test for detection of *Vibrio cholerae* O1 and O139 in environmental water. *Front Microbiol* 2013 Oct 29;4:320
55. Chan GJ, Baqui AH, Modak JK, Murillo-Chaves A, Mahmud AA, Boyd TK, Black RE, Saha SK. Early-onset neonatal sepsis in Dhaka, Bangladesh: risk associated with maternal bacterial colonisation and chorioamnionitis. *Trop Med Int Health* 2013 Sep; 18(9):1057-64
56. Chan GJ, Modak JK, Mahmud AA, Baqui AH, Black RE, Saha SK. Maternal and neonatal colonization in Bangladesh: prevalences, etiologies and risk factors. *J Perinatol* 2013 Dec;33(12):971-6
57. Charles RC, Sultana T, Alam MM, Yu Y, Wu-Freeman Y, Bufano MK, Rollins SM, Tsai L, Harris JB, LaRocque RC, Leung DT, Brooks WA, Nga TVT, Dongol S, Basnyat B, Calderwood SB, Farrar J, Khanam F, Gunn JS, Qadri F, Baker S, Ryan ET. Identification of immunogenic *Salmonella enterica* serotype typhi antigens expressed in chronic biliary carriers of *S. Typhi* in Kathmandu, Nepal. *PLoS Negl Trop Dis* 2013 Aug 1;7(8):e2335
58. Chisti MJ, Ahmed T, Pietroni MAC, Faruque ASG, Ashraf H, Bardhan PK, Hossain MI, Das SK, Salam MA. Pulmonary tuberculosis in severely-malnourished or HIV-infected children with Pneumonia: a review. *J Health Popul Nutr* 2013 Sep;31(3):308-13
59. Chisti MJ, Parvin I, Ashraf H, Saha H, Matin FB, Pietroni MAC. Interstitial lung disease and profound hypoxaemia in a severely malnourished child with very severe pneumonia and potential lymph node tuberculosis: uncommon but serious co-morbidity. *J Health Popul Nutr* 2013 Mar;31(1):133-7
60. Chisti MJ, Salam MA, Ashraf H, Faruque ASG, Bardhan PK, Das SK, Shahunja KM, Shahid ASMSB, Ahmed T. Clinical signs of radiologic pneumonia in under-five hypokalemic diarrheal children admitted to an urban hospital in Bangladesh. *PLoS ONE* 2013 Aug 12;8(8):e71911

61. Chisti MJ, Salam MA, Ashraf H, Faruque ASG, Bardhan PK, Hossain MI, Shahid ASMSB, Shahunja KM, Das SK, Imran G, Ahmed T. Clinical risk factors of death from pneumonia in children with severe acute malnutrition in an urban critical care ward of Bangladesh. *PLoS ONE* 2013 Sep 9;8(9):e73728
62. Chisti MJ, Salam MA, Ashraf H, Faruque ASG, Bardhan PK, Shahid ASMSB, Shahunja KM, Das SK, Ahmed T. Predictors and outcome of hypoxemia in severely malnourished children under five with pneumonia: a case control design. *PLoS ONE* 2013 Jan;8(1):e51376
63. Chisti MJ, Salam MA, Faruque ASG, Ashraf H, Bardhan PK, Das SK, Huq S, Chowdhury F, Islam SB, Ahmed T. History of vitamin a supplementation reduces severity of diarrhea in young children admitted to hospital with diarrhea and pneumonia. *Food Nutr Sci* 2013 Feb;4(2):150-5
64. Chisti MJ, Salam MA, Hossain MI, Ashraf H, Faruque ASG, Bardhan PK, Shahid ASMSB, Shahunja KM, Das SK, Ahmed T. Fatal outcome related risks in severely malnourished children with pneumonia in an urban critical care ward of Bangladesh. *Bangladesh Crit Care J* 2013 Sep;1 (2):80-5
65. Chomvarin C, Johura F-T, Mannan SB, Jumroenjit W, Kanoktippornchai B, Tangkanakul W, Tantisuwichwong N, Huttayananont S, Watanabe H, Hasan NA, Huq A, Cravioto A, Colwell RR, Alam M. Drug response and genetic properties of *Vibrio cholerae* associated with endemic cholera in Northeastern Thailand, 2003-2011. *J Med Microbiol* 2013 Apr;62(Pt 4):599-609
66. Chowdhury AMR, Bhuiya A, Chowdhury ME, Rasheed S, Hussain Z, Chen LC. The Bangladesh paradox: exceptional health achievement despite economic poverty. *Lancet* 2013 Nov 23;382(9906):1734-45
67. Christian P, Lee SE, Angel MD, Adair LS, Arifeen SE, Ashorn P, Barros FC, Fall CHD, Fawzi WW, Hao W, Hu G, Humphrey JH, Huybregts L, Joglekar CV, Kariuki SK, Kolsteren P, Krishnaveni GV, Liu E, Martorell R, Osrin D, Persson L-A, Ramakrishnan U, Richter L, Roberfroid D, Sania A, Kuile FOT, Tielsch J, Victora CG, Yajnik CS, Yan H, Zeng L, Black RE. Risk of childhood undernutrition related to small-for-gestational age and preterm birth in low- and middle-income countries. *Int J Epidemiol* 2013 Oct;42(5):1340-55
68. Coffey PS, Metzler M, Islam Z, Koehlmoos TP. Willingness to pay for a 4% chlorhexidine (7.1% chlorhexidine digluconate) product for umbilical cord care in rural Bangladesh: a contingency valuation study. *BMC Int Health Hum Rights* 2013 Oct 18:13:44
69. Colbourn T, Lewycka S, Nambiar B, Anwar I, Phoya A, Mhango C. Maternal mortality in Malawi, 1977-2012. *BMJ Open* 2013 Dec 18;3(2):e004150

70. Colombara DV, Cowgill KD, Faruque ASG. Risk factors for severe cholera among children under five in rural and urban Bangladesh, 2000-2008: a hospital-based surveillance study. PLoS ONE 2013 Jan 18;8(1):e54395
71. Das SK, Ahmed S, Ferdous F, Farzana FD, Chisti MJ, Latham JR, Talukder KA, Rahman M, Begum YA, Qadri F, Faruque ASG, Ahmed T. Etiological diversity of diarrhoeal disease in Bangladesh. J Infect Dev Ctries 2013 Dec 15;7(12):900-9
72. Das SK, Ahmed S, Ferdous F, Farzana FD, Chisti MJ, Leung DT, Malek MA, Talukder KA, Bardhan PK, Salam MA, Faruque ASG, Raqib R. Changing emergence of *Shigella* sero-groups in Bangladesh: observation from four different diarrheal disease hospitals. PLoS ONE 2013 Apr 29; 8(4):e62029
73. Das SK, Ahmed S, Ferdous F, Farzana FD, Kaur G, Chisti MJ, Talukder KA, Rahman M, Nahar S, Begum YA, Qadri F, Ahmed T, Faruque ASG. Disease severity and common etiology of diarrhea among children under-five in Mirzapur, rural Bangladesh. Int J Trop Dis Health 2013 Mar 17;3(2):82-93
74. Das SK, Chisti MJ, Ahmed S, Malek MA, Farzana FD, Ferdous F, Latham J, Faruque ASG. Prolonged acute diarrhea in adults: decades of observation from epidemiological perspective in urban Bangladesh. Open J Gastroenterol 2013 Jul;3(3):208-13
75. Das SK, Chisti MJ, Huq S, Malek MA, Salam MA, Ahmed T, Faruque ASG. Etiology of diarrhea among severely malnourished infants and young children: observation of urban-rural differences over one decade in Bangladesh. Food Nutr Sci 2013 Mar;4(3):233-9
76. Das SK, Chisti MJ, Huq S, Malek MA, Vanderlee L, Kaur G, Salam MA, Ahmed T, Faruque ASG, Mamun AA. Clinical characteristics, etiology and antimicrobial susceptibility among overweight and obese individuals with diarrhea: observed at a large diarrheal disease hospital, Bangladesh. PLoS ONE 2013 Aug 1;8(8):e70402
77. Das SK, Chisti MJ, Huq S, Malek MA, Vanderlee L, Salam MA, Ahmed T, Faruque ASG, Mamun AA. Changing trend of overweight and obesity and their associated factors in an urban population of Bangladesh. Food Nutr Sci 2013Jun;4(6):678-89
78. Das SK, Chisti MJ, Malek MA, Ahmed S, Farzana FD, Ferdous F, Shahunja KM, Salam MA, Ahmed T, Faruque ASG. Socio-demographic, host and clinical characteristics of people with typhoidal and non-typhoidal *Salmonella* gastroenteritis in urban Bangladesh. J Biomed Sci Eng 2013 Aug;6(8):834-42
79. Das SK, Chisti MJ, Malek MA, Salam MA, Ahmed T, Faruque ASG, Mondal D. Comparison of clinical and laboratory characteristics of intestinal amebiasis with shigellosis among patients visiting a large urban diarrheal disease hospital in Bangladesh. Am J Trop Med Hyg 2013 Aug;89(2):339-44
80. Das SK, Klontz EH, Azmi IJ, Ud-Din AIMS, Chisti MJ, Afrad MH, Malek MA, Ahmed S, Das J, Talukder KA, Salam MA, Bardhan PK, Faruque ASG, Klontz KC. Characteristics of multidrug resistant *Shigella* and *Vibrio cholerae* o1 infections in

patients treated at an urban and a rural hospital in Bangladesh. *ISRN Microbiol* 2013;213915

81. Das SK, Nasrin D, Ahmed S, Wu Y, Ferdous F, Farzana FD, Khan SH, Malek MA, Arifeen SE, Levine MM, Kotloff KL, Faruque ASG. Health care-seeking behavior for childhood diarrhea in Mirzapur, rural Bangladesh. *Am J Trop Med Hyg* 2013 Jul;89(1 Suppl):62-8
82. DaVanzo J, Rahman M, Ahmed S, Razzaque A. Influences on pregnancy-termination decisions in Matlab, Bangladesh. *Demography* 2013 Oct;50(5):1739-64
83. Dey SK, Chisti MJ, Das SK, Shaha CK, Ferdous F, Farzana FD, Ahmed S, Malek MA, Faruque ASG, Ahmed T, Salam MA. Characteristics of diarrheal illnesses in non-breast fed infants attending a large urban diarrheal disease hospital in Bangladesh. *PLoS ONE* 2013 Mar 8;8(3):e58228
84. Dreifelbis R, Winch PJ, Leontsini E, Hulland KR, Ram PK, Unicomb L, Luby SP. The integrated behavioural model for water, sanitation, and hygiene: a systematic review of behavioural models and a framework for designing and evaluating behaviour change interventions in infrastructure-restricted settings. *BMC Public Health* 2013 Oct 26;13(1):1015
85. Elahi R, Mohon AN, Khan WA, Haque R, Alam MS. Performance of a HRP-2/pLDH based rapid diagnostic test at the Bangladesh-India-Myanmar border areas for diagnosis of clinical malaria. *Malar J* 2013 Oct 30;12:378
86. Engström KS, Hossain MB, Lauss M, Ahmed S, Raqib R, Vahter M, Broberg K. Efficient arsenic metabolism—the *AS3MT* haplotype is associated with DNA methylation and expression of multiple genes around *AS3MT*. *PLoS ONE* 2013 Jan 14;8(1):e53732
87. Escamilla V, Knappett PSK, Yunus M, Streatfield PK, Emch M. Influence of latrine proximity and type on tubewell water quality and diarrheal disease in Bangladesh. *Ann Assoc Am Geogr* 2013;103(2):299-308
88. Fakruddin M, Chowdhury A, Hossain MN, Mannan KSB. Scientific freedom & limits-clinical research perspective. *Bangladesh J Bioeth* 2013;4(1):30-4
89. Fakruddin M, Mannan KSB, Andrews S. Viable but nonculturable bacteria: food safety and public health perspective. *ISRN Microbiol* 2013 Sep 26;2013:703813
90. Fakruddin M, Mannan KSB, Chowdhury A, Mazumdar RM, Hossain MN, Afroz H. Research involving human subjects ethical - perspective. *Bangladesh J Bioeth* 2013; 4(2):41-8
91. Fakruddin M, Mannan KSB, Mazumdar RM, Chowdhury A, Hossain MN. Identification and characterization of microorganisms: DNA-fingerprinting methods. *Songklanakarin J Sci Technol* 2013 Jul-Aug;35(4):397-404

92. Fakruddin M, Mannan KSB. Methods for analyzing diversity of microbial communities in natural environments. *Ceylon J Sci (Bio Sci)* 2013;2(1):19-33
93. Fakruddin M, Mannan KSB, Chowdhury A, Mazumdar RM, Hossain MN, Islam S, Chowdhury MA. Nucleic acid amplification: alternative methods of polymerase chain reaction. *J Pharm Bioallied Sci* 2013 Oct-Dec;5(4):245-52
94. Farag TH, Faruque AS, Wu Y, Das SK, Hossain A, Ahmed S, Ahmed D, Nasrin D, Kotloff KL, Panchilangam S, Nataro JP, Cohen D, Blackwelder WC, Levine MM. Housefly population density correlates with shigellosis among children in Mirzapur, Bangladesh: a time series analysis. *PLoS Negl Trop Dis* 2013 Jun 20;7(6):e2280
95. Faruque SM. Role of phages in the epidemiology of cholera. *Curr Top Microbiol Immunol* 2013 Nov 9. [Epub ahead of print]
96. Farzana FD, Ahmed S, Ferdous F, Vanderlee L, Khan SH, Roy AK, Chisti MJ, Faruque ASG, Das SK. Biochemical and dietary indicators among vegetarians and non-vegetarians: findings from a cross sectional study in rural Bangladesh. *Int J Nutr Food Sci* 2013 May;2(3):130-6
97. Fasanella A, Garofolo G, Hossain MJ, Shamsuddin M, Blackburn JK, Hugh-Jones M. Bangladesh anthrax outbreaks are probably caused by contaminated livestock feed. *Epidemiol Infect.* 2013 May;141(5):1021-8
98. Feenstra SG, Nahar Q, Pahan D, Oskam L, Richardus JH. A qualitative exploration of social contact patterns relevant to airborne infectious diseases in northwest Bangladesh. *J Health Popul Nutr* 2013 Dec;31(4):424-34
99. Feenstra SG, Nahar Q, Pahan D, Oskam L, Richardus JH. Social contact patterns and leprosy disease: a case-control study in Bangladesh. *Epidmiol Infect* 2013 Mar;41(3):573-81
100. Ferdous F, Das SK, Ahmed S, Farzana FD, Kaur G, Chisti MJ, Faruque ASG. The impact of socio-economic conditions and clinical characteristics on improving childhood care seeking behaviors for families living far from the health facility. *Sci J Public Health* 2013 May;1(2):69-76
101. Ferdous F, Das SK, Ahmed S, Farzana FD, Latham JR, Chisti MJ, Ud-Din AIMS, Azmi IJ, Talukder KA, Faruque ASG. Severity of diarrhea and malnutrition among under five-year-old children in rural Bangladesh. *Am J Trop Med Hyg* 2013 Aug;89(2):223-8
102. Foyals MJ, Rahman MM, Rabbee MF, Hossain MN, Mahmud R, Rahman MJ, Miah MF, Islam K. Identification and assay of putative virulence properties of *Escherichia coli gyrase* subunit A and B among hospitalized UTI patients in Bangladesh. *Inov Pharm Pharmacother* 2013;1(1):54-9

103. Frith AL, Naved RT, Persson LA, Frongillo EA. Early prenatal food supplementation ameliorates the negative association of maternal stress with birth size in a randomised trial. *Matern Child Nutr* 2013 Apr 5. [Epub ahead of print]
104. Fulford AJC, Moore SE, Arifeen SE, Persson, LÅ, Neufeld LM, Wagatsuma Y, Prentice AM. Disproportionate early fetal growth predicts postnatal thymic size in humans. *J Dev Orig Health Dis* 2013 Jun;4(3):223-31
105. Gardner RM, Kippler M, Tofail F, Bottai M, Hamadani J, Grandér M, Nermell B, Palm B, Rasmussen KM, Vahter M. Environmental exposure to metals and children's growth to age 5 years: a prospective cohort study. *Am J Epidemiol* 2013 Jun 15;177(12):1356-67
106. Gazi R, Kabir H, Saha NC, Jahan M. Changes in married men's reproductive health knowledge and utilization of care in the demand based reproductive health project in Bangladesh. *Int J Public Health Human Right* 2013 Dec 28;3(1):21-6
107. Gazi R, Kabi H, Saha NC, Khan J. Production cost estimation of child healthcare services in Bangladesh. *Int J Bus Manag Soc Sci* 2013 Sep;3(1):61-4 [no abstract available]
108. Gessner BD, Brooks WA, Neuzil KM, Vernet G, Bright RA, Tam JS, Bresee J, Monto AS. Vaccines as a tool to estimate the burden of severe influenza in children of low-resourced areas (November 30–December 1, 2012, Les Pensieres, Veyrier-du-Lac, France). *Vaccine* 2013 Jul 11;31(32):3222-8
109. Guevara CP, Luiz WB, Sierra A, Cruz C, Qadri F, Kaushik RS, Ferreira LCS, Gómez-Duarte OG. Enterotoxigenic *Escherichia coli* (ETEC) CS21 pilus contributes to adhesion to intestinal cells and to pathogenesis under in vivo conditions. *Microbiology* 2013 Aug;159(Pt 8):1725-35
110. Gurley ES, Homaira N, Salje H, Ram PK, Haque R, Petri W, Bresee J, Moss WJ, Breyse P, Luby SP, Azziz-Baumgartner E. Indoor exposure to particulate matter and the incidence of acute lower respiratory infections among children: a birth cohort study in urban Bangladesh. *Indoor Air* 2013 Oct;23(5):379-86
111. Gurley ES, Islam MS, Nahar N, Sultana R, Hossain MJ, Homaira N, Parveen S, Naushin T, Mahbub-ul Alam, Khan AKMD, Chowdhury NMRA, Southern D, Luby SP. Behaviour change intervention to reduce caregivers' exposure to patients' oral and nasal secretions in Bangladesh. *Int J Infect Control* 2013;9(2):i1-9
112. Gurley ES, Salje H, Homaira N, Ram PK, Haque R, Petri WA Jr, Bresee J, Moss WJ, Luby SP, Breyse P, Azziz-Baumgartner E. Seasonal concentrations and determinants of indoor particulate matter in a low-income community in Dhaka, Bangladesh. *Environ Res* 2013 Feb;121:11-6
113. Halder AK, Molyneaux JW, Luby SP, Ram PK. Impact of duration of structured observations on measurement of handwashing behavior at critical times. *BMC Public Health* 2013 Aug 2;13(1):705

114. Hamadani JD, Tofail F, Cole T, Grantham-McGregor S. The relation between age of attainment of motor milestones and future cognitive and motor development in Bangladeshi children. *Matern Child Nutr* 2013 Jan;9(Suppl 1):89-104
115. Haque F, Hossain MJ, Kundu SK, Naser AM, Rahman M, Luby SP. Cholera outbreaks in urban Bangladesh in 2011. *Epidemiol* 2013 Jul 2;3:126
116. Haque F, Kundu SK, Islam MS, Hasan SMM, Khatun A, Gope PS, Mahmud ZH, Alamgir ASM, Islam MS, Rahman M, Luby SP. Outbreak of mass sociogenic illness in a school feeding program in northwest Bangladesh, 2010. *PLoS ONE* 2013 Nov 14;8(11):e80420
117. Hasan NA, Ceccarelli D, Grim CJ, Taviani E, Choi J, Sadique A, Alam M, Siddique AK, Sack RB, Huq A, Colwell RR. Distribution of virulence genes in clinical and environmental *Vibrio cholerae* in Bangladesh. *Appl Envir Microbiol* 2013 Sep;79(18):5782-5
118. Hashizume M, Chaves LF, Faruque ASG, Yunus M, Streatfield K, Moji K. A differential effect of Indian ocean dipole and El Niño on cholera dynamics in Bangladesh. *PLoS ONE* 2013 Mar 29;8(3):e60001
119. Hawkesworth S, Wagatsuma Y, Kahn AI, Hawlader MDH, Fulford AJC, Arifeen S-E, Persson L-Å, Moore SE. Combined food and micronutrient supplements during pregnancy have limited impact on child blood pressure and kidney function in rural Bangladesh. *J Nutr* 2013 May;143(5):728-34
120. Hawkesworth S, Wagatsuma Y, Kippler M, Fulford AJ, Arifeen SE, Persson LA, Moore SE, Vahter M. Early exposure to toxic metals has a limited effect on blood pressure or kidney function in later childhood, rural Bangladesh. *Int J Epidemiol* 2013 Feb;42(1):176-85
121. Hawlader MDH, Noguchi E, Arifeen SE, Persson LÅ, Moore SE, Raqib R, Wagatsuma Y. Nutritional status and childhood wheezing in rural Bangladesh. *Public Health Nutr* 2013 May 17:1-8. [Epub ahead of print]
122. Haynes AK, Manangan AP, Iwane MK, Sturm-Ramirez K, Homaira N, Brooks WA, Luby S, Rahman M, Klena JD, Zhang Y, Yu H, Zhan F, Dueger E, Mansour AM, Azazy N, McCracken JP, Bryan JP, Lopez MR, Burton DC, Bigogo G, Breiman RF, Feikin DR, Njenga K, Montgomery J, Cohen AL, Moyes J, Pretorius M, Cohen C, Venter M, Chittaganpitch M, Thamthitawat S, Sawatwong P, Baggett HC, Lubber G, Gerber SI. Respiratory syncytial virus circulation in seven countries with global disease detection regional centers. *J Infect Dis* 2013 Dec;208(Suppl 3):S246-54
123. Hayford KT, Shomik MS, Al-Emran HM, Moss WL, Bishai D, Levine OS. Measles vaccination coverage estimates from surveys, clinic records, and immune markers in oral fluid and blood: a population-based cross-sectional study. *BMC Public Health* 2013 Dec 20:13:1211

124. Hayford KT, Al-Emran HM, Moss WJ, Shomik MS, Bishai D, Levin OS. Validation of an anti-measles virus-specific IgG assay with oral fluid samples for immunization surveillance in Bangladesh. *J Virol Methods* 2013 Jul 18;193(2):512-8
125. Hayman DT, Gurley ES, Pulliam JR, Field HE. The application of one health approaches to henipavirus research. *Curr Top Microbiol Immunol* 2013;365:155-70
126. Haynes AK, Manangan AP, Iwane MK, Sturm-Ramirez K, Homaira N, Brooks WA, Luby S, Rahman M, Klena JD, Zhang Y, Yu H, Zhan F, Dueger E, Mansour AM, Azazzy N, McCracken JP, Bryan JP, Lopez MR, Burton DC, Bigogo G, Breiman RF, Feikin DR, Njenga K, Montgomery J, Cohen AL, Moyes J, Pretorius M, Cohen C, Venter M, Chittaganpitch M, Thamthitiwat S, Sawatwong P, Baggett HC, Lubner G, Gerber SI. Respiratory syncytial virus circulation in seven countries with global disease detection regional centers. *J Infect Dis* 2013 Dec;208(Suppl 3):S246-54
127. Hazir T, Begum K, Arifeen SE, Khan AM, Huque MH, Kazmi N, Roy S, Abbasi S, Rahman QSU, Theodoratou E, Khorshed MS, Rahman KM, Bari S, Kaiser MMI, Saha SK, Ahmed ASMNU, Rudan I, Bryce J, Qazi SA, Campbell H. Measuring coverage in MNCH: a prospective validation study in Pakistan and Bangladesh on measuring correct treatment of childhood pneumonia. *PLoS Med* 2013 May 7;10(5):e1001422
128. Henkle E, Steinhoff MC, Omer SB, Roy E, Arifeen SE, Raqib R, Breiman RF, Caulfield LE, Moss WJ, Zaman K. The effect of exclusive breast-feeding on respiratory illness in young infants in a maternal immunization trial in Bangladesh. *Pediatr Infect Dis J* 2013 May;32(5):431-5
129. Hoque DME, Arifeen SE, Rahman M, Chowdhury EK, Haque TM, Begum K, Hossain MA, Akter T, Haque F, Anwar T, Billah SM, Rahman AE, Huque MH, Christou A, Baqui AH, Bryce J, Black RE. Improving and sustaining quality of child health care through IMCI training and supervision: experience from rural Bangladesh. *Health Policy Plan* 2013 Sep 13. [Epub ahead of print]
130. Hossain MZ, Sikder SS, Zaman K, Saha P, Yunus M, Nelson KE, Labrique AB. Screening utility, local perceptions, and care-seeking for reported *jaundeesh* among respondents lacking signs of icterus in rural Bangladesh. *J Health Popul Nutr* 2013 Sep;31(3):367-75
131. Hossain S, Zaman K, Banu S, Quaiyum MA, Husain MA, Islam MA, Cooreman E, Borgdorff M, van Leth F. Tuberculin survey in Bangladesh, 2007-2009: prevalence of tuberculous infection and implications for TB control. *Int J Tuberc Lung Dis* 2013 Oct;17(10):1267-72
132. Huda MM, Rudra S, Ghosh D, Bhaskar KR, Chowdhury R, Dash AP, Bhattacharya SK, Haque R, Mondal D. Low prevalence of *Leishmania donovani* infection among the blood donors in kala-azar endemic areas of Bangladesh. *BMC Infect Dis* 2013 Feb 2;13(1):62
133. Hulland KRS, Leontsini E, Dreibelbis R, Unicomb L, Afroz A, Dutta NC, Nizame FA, Luby SP, Ram PK, Winch PJ. Designing a handwashing station for infrastructure-

restricted communities in Bangladesh using the integrated behavioural model for water, sanitation and hygiene interventions (IBM-WASH). BMC Public Health 2013 Sep 23;13:877

134. Huq NL, Edmonds TJ, Baker S, Busjia L, Devine A, Fotis K, Marella M, Goujon N, Keefe J. The rapid assessment of disability – informing the development of an instrument to measure the effectiveness of disability inclusive development through a qualitative study in Bangladesh. Disabil CBR Inclusive Dev 2013 Aut 24(3):37-60
135. Imdad A, Mullany LC, Baqui AH, Arifeen SE, Tielsch JM, Khatry SK, Shah R, Cousens S, Black RE, Bhutta ZA. The effect of umbilical cord cleansing with chlorhexidine on omphalitis and neonatal mortality in community settings in developing countries: a meta-analysis. BMC Public Health 2013 Sep 17;13(Suppl 3):S15
136. Islam A, Labbate M, Djordjevic SP, Alam M, Darling A, Melvold J, Holmes AJ, Johura FT, Cravioto A, Charles IG, Stokes HW. Indigenous *Vibrio cholera* strains from a non-endemic region are pathogenic. Open Biol 2013 Feb 13;3:120181
137. Islam A, Mikolon A, Mikoleit M, Ahmed D, Khan SU, Sharker MAY, Hossain MJ, Islam A, Epstein JH, Zeidner N, Luby SP. Isolation of *Salmonella* virchow from a fruit bat (*Pteropus giganteus*). Ecohealth 2013 Dec;10(4):348-51
138. Islam MA, Huq M, Nabi A, Talukdar PK, Ahmed D, Talukder KA, Cravioto A, Endtz HP. Occurrence and characterization of multi-drug resistant NDM-1-producing bacteria isolated between 2003 and 2010 in Bangladesh. J Med Microbiol 2013 Jan;62(Pt 1):62-8
139. Islam MM, Woodhouse LR, Hossain MB, Ahmed T, Huda MN, Ahmed T, Peerson JM, Hotz C, Brown KH. Total zinc absorption from a diet containing either conventional rice or higher-zinc rice does not differ among Bangladeshi preschool children. J Nutr 2013 Apr;143(4):519-25
140. Islam MMSU, Nahar S, Sarker MN, Salimullah ASM, Rahman MA, Ahmed DS, Islam MQ, Raihan ASMA, Bhuiyan MR, Sarker SA, Jalal MT. Efficacy of different laboratory tests to diagnose *Helicobacter pylori* infection. Faridpur Med Coll J 2013;8(1):11-4.
141. Islam MR, Khatun R, Uddin MKM, Khan MSR, Rahman MT, Ahmed T, Banu S. Yield of two consecutive sputum specimens for the effective diagnosis of pulmonary tuberculosis. PLoS ONE 2013 Jul 2;8(7):e67678
142. Islam MS, Mahmud ZH, Gope PS, Zaman RU, Hossain Z, Islam MS, Mondal D, Sharker MAY, Islam K, Jahan H, Bhuiya A, Endtz HP, Cravioto A, Curtis V, Touré O, Cairncross S. hygiene intervention reduces contamination of weaning food in Bangladesh. Trop Med Int Health 2013 Mar;18(3):250-8
143. Islam MS, Hossain MJ, Mikolon A, Parveen S, Khan MSU, Haider N, Chakraborty A, Titu AMN, Rahman MW, Sazzad HMS, Rahman M, Gurley ES, Luby SP. Risk practices for animal and human anthrax in Bangladesh: an exploratory study. Infect Ecol Epidemiol 2013 Nov 27;3:21356

144. Islam S, Harries AD, Malhotra S, Zaman K, Husain A, Islam A, Ahmed F. Training of community healthcare providers and TB case detection in Bangladesh. *Int Health* 2013 Sep;5(3):223-7
145. Islam S, Kenah E, Bhuiyan MAA, Rahman KM, Goodhew B, Ghalib CM, Zahid MM, Ozaki M, Rahman MW, Haque R, Luby SP, Maguire JH, Martin D, Bern C. Clinical and immunological aspects of post-kala-azar dermal leishmaniasis in Bangladesh. *Am J Trop Med Hyg* 2013 Aug;89(2):345-53
146. Islam SB, Chisti MJ, Shahrin L, Alam NH. Congenital chloride diarrhoea: first time diagnosis in Bangladesh and its management difficulties. *Clin Case Rep* 2013 2013 May 18;3:283
147. Islam SMS, Lechner A, Ferrari U, Froeschl G, Niessen LW, Seissler J, Alam DS. Social and economic impact of diabetics in Bangladesh: protocol for a case-control study. *BMC Public Health* 2013 Dec 21;13:1217
148. Jahid IK, Hasan MM, Matin MA, Mahmud ZH, Neogi SB, Uddin MH, Islam MS. Role of polyphosphate kinase gene (ppk) for survival of *Vibrio cholerae* O1 in surface water of Bangladesh. *Pak J Biol Sci* 2013;16(22):1531-7
149. Jain VK, Rivera L, Zaman K, Espos RA, Jr., Sirivichayakul C, Quiambao BP, Rivera-Medina DM, Kerdpanich P, Ceyhan M, Dinleyici EC, Cravioto A, Yunus M, Chanthavanich P, Limkittikul K, Kurugol Z, Alhan E, Caplanusi A, Durviaux S, Boutet P, Ofori-Anyinam O, Chandrasekaran V, Dbaibo G, Innis BL. Vaccine for prevention of mild and moderate-to-severe influenza in children. *New Engl J Med* 2013 Dec 26;369(26):2481-91
150. Jakheta R, Talukder KA, Verma NK. Isolation, characterization and comparative genomics of bacteriophage SfIV: a novel serotype converting phage from *Shigella flexneri*. *BMC Genomics* 2013 Oct 3;14:677
151. Jutla A, Akanda AS, Huq A, Faruque ASG, Colwell R, Islam S. A water marker monitored by satellites to predict seasonal endemic cholera. *Remote Sens Lett* 2013;4(8):822-31
152. Jutla A, Whitcombe E, Hasan N, Haley B, Akanda A, Huq A, Alam M, Sack RB, Colwell R. Environmental factors influencing epidemic cholera. *Am J Trop Med Hyg* 2013 Sep;89(3):597-607
153. Kabir H, Saha NC, Oliveras E, Gazi R. Association of programmatic factors with low contraceptive prevalence rates in a rural area of Bangladesh. *Reprod Health* 2013 Jun 19;10:31. doi: 10.1186/1742-4755-10-31. [Epub ahead of print]
154. Kamruzzaman M, Bari SMN, Faruque SM. *In vitro* and *in vivo* bactericidal activity of *Vitex negundo* leaf extract against diverse multidrug resistant enteric bacterial pathogens. *Asian Pac J Trop Med* 2013 May 13;6(5):352-9

155. Kamruzzaman M, Shoma S, Bari SMN, Ginn AN, Wiklendt AM, Partridge SR, Faruque SM, Iredell JR. Genetic diversity and antibiotic resistance in *Escherichia coli* from environmental surface water in Dhaka City, Bangladesh. *Diagn Microbiol Infect Dis* 2013 Jun;76(2):222-6
156. Karlsson EK, Harris JB, Tabrizi S, Rahman A, Shlyakhter I, Patterson N, O'Dushlaine C, Schaffner SF, Gupta S, Chowdhury F, Sheikh A, Shin OS, Ellis C, Becker CE, Stuart LM, Calderwood SB, Ryan ET, Qadri F, Sabeti PC, LaRocque RC. Natural selection in a Bangladeshi population from the cholera-endemic Ganges River Delta. *Sci Transl Med* 2013 July 3;5(192):192ra86
157. Khan AI, Hawkesworth S, Ekström EC, Arifeen S, Moore SE, Frongillo EA, Yunus M, Persson LA, Kabir I. Effects of exclusive breastfeeding intervention on child growth and body composition: the MINIMat trial, Bangladesh. *Acta Paediatr* 2013 Aug;102(8):815-23
158. Khan AI. Effects of pre- and postnatal nutrition interventions on child growth and body composition: the MINIMat trial in rural Bangladesh. *Glob Health Action* 2013 Dec 13;6:22476
159. Khan IA, Saha A, Chowdhury F, Khan AI, Uddin MJ, Begum YA, Riaz BK, Islam S, Ali M, Luby SP, Clemens JD, Cravioto A, Qadri F. Coverage and cost of a large oral cholera vaccination program in a high-risk cholera endemic urban population in Dhaka, Bangladesh. *Vaccine* 2013 Dec 9;31(51):6058-64
160. Khan JA, Ahmed S. Impact of educational intervention on willingness-to-pay for health insurance: a study of informal sector workers in urban Bangladesh. *Health Econ Rev* 2013 Apr 29;3(1):12
161. Khan WA, Griffiths JK, Bennish ML. Gastrointestinal and extra-intestinal manifestations of childhood shigellosis in a region where all four species of *Shigella* are endemic. *PLoS ONE* 2013 May 17;8(5):e64097
162. Khanam F, Sheikh A, Sayeed A, Bhuiyan S, Choudhury FK, Salma U, Pervin S, Sultana T, Ahmed D, Goswami D, Hossain L, Mamun KZ, Charles RC, Brooks WA, Calderwood SB, Cravioto A, Ryan ET, Qadri F. Evaluation of a typhoid/paratyphoid diagnostic assay (TPTest) detecting anti-*Salmonella* IgA in secretions of peripheral blood lymphocytes in patients in Dhaka, Bangladesh. *PLoS Negl Trop Dis* 2013 Jul 11;7(7):e2316
163. Kippler M, Engström K, Mlakar SJ, Bottai M, Ahmed S, Hossain MB, Raqib R, Vahter M, Broberg K. Sex-specific effects of early life cadmium exposure on DNA methylation and implications for birth weight. *Epigenetics* 2013 May 1;8(5):494-503
164. Korpe PS, Liu Y, Siddique A, Kabir M, Ralston K, Ma JZ, Haque R, Petri WA, Jr. Breast milk parasite-specific antibodies and protection from amebiasis and cryptosporidiosis in Bangladeshi infants: a prospective cohort study. *Clin Infect Dis* 2013 Apr;56(7):988-92

165. Kosek M, Haque R, Lima A, Babji S, Shrestha S, Qureshi S, Amidou S, Mduma E, Lee G, Yori PP, Guerrant RL, Bhutta Z, Mason C, Kang G, Kabir M, Amour C, Bessong P, Turab A, Seidman J, Olortegui MP, Lang D, Gratz J, Miller M, Gottlieb M, and for the MAL-ED network. Fecal markers of intestinal inflammation and permeability associated with the subsequent acquisition of linear growth deficits in infants. *Am J Trop Med Hyg* 2013 Feb;88(2):390-6
166. Kotloff KL, Nataro JP, Blackwelder WC, Nasrin D, Farag TH, Panchalingam S, Wu Y, Sow SO, Sur D, Breiman RF, Faruque ASG, Zaidi AKM, Saha D, Alonso PL, Tamboura B, Sanogo D, Onwuchekwa U, Manna B, Ramamurthy T, Kanungo S, Ochieng JB, Omore R, Oundo JO, Hossain A, Das SK, Ahmed S, Qureshi S, Quadri F, Adegbola RA, Antonio M, Hossain MJ, Akinsola A, Mandomando I, Nhampossa T, Acácio S, Biswas K, O'Reilly CE, Mintz ED, Berkeley LY, Muhsen K, Sommerfelt H, Robins-Browne RM, Levine MM. Burden and aetiology of diarrhoeal disease in infants and young children in developing countries (the Global Enteric Multicenter Study, GEMS): a prospective, case-control study. *Lancet* 2013 Jul 20;382(9888):209-22
167. Kumar V, Kesari S, Chowdhury R, Kumar S, Sinha G, Hussain S, Huda MM, Kroeger A, Das P. User friendliness, efficiency & spray quality of stirrup pumps versus hand compression pumps for indoor residual spraying. *Indian J Med Res* 2013 Aug;138(2):239-43
168. Labrique AB, Zaman K, Hossain Z, Saha P, Yunus M, Hossain A, Ticehurst J, Kmush B, Nelson KF. An exploratory case control study of risk factors for Hepatitis E in rural Bangladesh. *PLoS ONE* 2013 May 14;8(5):e61351
169. LeFevre AE, Shillcutt SD, Waters HR, Haider S, Arifeen SE, Mannan I, Seraji HR, Shah R, Darmstadt GL, Wall SN, Williams EK, Black RE, Santosham M, Baqui AH for the Projahnmo Study Group. Economic evaluation of neonatal care packages in a cluster-randomized controlled trial in Sylhet, Bangladesh. *Bull World Health Organ* 2013 Oct 1;91(10):736-45
170. Legand A, Briand S, Shindo N, Brooks WA, de Jong MD, Farrar J, Aguilera X, Hayden FG. Addressing the public health burden of respiratory viruses: the Battle against Respiratory Viruses (BRaVe) Initiative. *Future Virol* 2013 Oct;8(10):953-68
171. Lehnertz NB, Alam A, Ali NA, Henry EG, Williams EK, Rahman SM, Ahmed S, Arifeen SE, Baqui AH, Winch PJ. Local understandings and current barriers to optimal birth intervals among recently delivered women in Sylhet District, Bangladesh. *Int Health* 2013 Dec;5(4):266-72
172. Lenters LM, Wazny K, Webb P, Ahmed T, Bhutta ZA. Treatment of severe and moderate acute malnutrition in low- and middle-income settings: a systematic review, meta-analysis and Delphi process. *BMC Public Health* 2013 Sep 17;13(Suppl 3):S23
173. Leung DT, Das SK, Malek MA, Ahmed D, Khanam F, Qadri F, Faruque ASG, Ryan ET. Non-Typhoidal *Salmonella* Gastroenteritis at a Diarrheal Hospital in Dhaka, Bangladesh, 1996–2011. *Am J Trop Med Hyg* 2013 Apr;88(4):661-9

174. Leung DT, Uddin T, Xu P, Aktar A, Johnson RA, Rahman MA, Alam MM, Bufano MK, Eckhoff G, Wu-Freeman Y, Yu Y, Sultana T, Khanam F, Saha A, Chowdhury F, Khan AI, Charles RC, LaRocque RC, Harris JB, Calderwood SB, Kováč P, Qadri F, Ryan ET. Immune responses to the O-specific polysaccharide antigen in children receiving a killed oral cholera vaccine compared to responses following natural cholera infection in Bangladesh. *Clin Vaccine Immunol* 2013 Jun;20(6):780-8
175. Lin A, Arnold BF, Afreen S, Goto R, Nurul Huda TMN, Haque R, Raqib R, Unicomb L, Ahmed T, Colford JM, Jr., Luby SP. Household environmental conditions are associated with enteropathy and impaired growth in Rural Bangladesh. *Am J Trop Med Hyg* 2013 Jul;89(1):130-7
176. Lin A, Bik EM, Costello EK, Dethlefsen L, Haque R, Relman DA, Singh U. Distinct distal gut microbiome diversity and composition in healthy children from Bangladesh and the United States. *PLoS ONE* 2013 Jan 22;8(1):e53838
177. Lindsay B, Ochieng B, Ikumapayi U, Aliou T, Ahmed D, Li S, Panchalingam S, Levine MM, Kotloff K, Rasko DA, Morris CR, Juma J, Fields BS, Dione M, Malle D, Becker SM, Houpt ER, Nataro JP, Sommerfelt H, Pop M, Oundo J, Antonio M, Hossain A, Tamboura B, Stine OC. Quantitative polymerase chain reaction for detection of *Shigella* improves ascertainment of *Shigella* burden in children with moderate to severe diarrhea in low income countries. *J Clin Microbiol* 2013 Jun;51(6):1740-6
178. Lindsay B, Pop M, Antonio M, Walker AW, Mai V, Ahmed D, Oundo J, Tamboura B, Panchalingam S, Levine MM, Kotloff K, Li S, Magder L, Paulson JN, Liu B, Ikumapayi U, Ebruke C, Dione M, Adeyemi M, Rance R, Stares MD, Ukhanova M, Barnes B, Lewis I, Ahmed F, Alam MT, Amin R, Siddiqui S, Ochieng JB, Ouma E, Juma J, Mailu E, Omoro R, O'Reilly CE, Hannis J, Manalili S, DeLeon J, Yasuda I, Blyn L, Ranken R, Li F, Housley R, Ecker D, Hossain MA, Breiman RF, Morris JG, McDaniel T, Parkhill J, Saha D, Sampath R, Stine OC, Nataro JP. Alternative methods of bacterial pathogen detection: culture, GoldenGate®, Universal Biosensor®, 16S rRNA-gene survey. *J Clin Microbiol* 2013 Oct;51(10):3263-9
179. Liu J, Gratz J, Amour C, Kibiki G, Becker S, Janaki L, Verweij JJ, Taniuchi M, Sobuz SU, Haque R, Haverstick DM, Houpt ER. A laboratory-developed TaqMan array card for simultaneous detection of 19 enteropathogens. *J Clin Microbiol* 2013 Feb;51(2):472-80
180. Maehira Y, Chowdhury EI, Reza M, Drahozal R, Gayen TK, Masud I, Afrin S, Takamura N, Azim T. Factors associated with relapse into drug use among male and female attendees of a three-month drug detoxification–rehabilitation programme in Dhaka, Bangladesh: a prospective cohort study. *Harm Reduct J* 2013 Sep 1;10:14
181. McCallin S, Sarker SA, Barretto C, Sultana S, Berger B, Huq S, Krause L, Bibiloni R, Schmitt B, Reuteler G, Brüssow H. Safety analysis of a Russian phage cocktail: from meta genomic analysis to oral application in healthy human subjects. *Virology* 2013 Sep 1;443(2):187-96

182. McCormick DF, Rahman M, Zadrozny S, Alam A, Ashraf L, Neilsen GA, Kelly R, Menezes P, Miller WC, Hoffman IF. Prevention and control of sexually transmissible infections among hotel-based female sex workers in Dhaka, Bangladesh. *Sexual Health* 2013 Nov;10(6):478-86
183. McDonald CM, Olofin I, Flaxman S, Fawzi WW, Spiegelman D, Caulfield LE, Black RE, Ezzati M, Danaei G; Nutrition Impact Model Study (Adair L, Arifeen S, Bhandari N, Fawzi W, Garenne M, Kirkwood B, Mølbak K, Katz J, Sommer A, West K, Jr., Penny M. The effect of multiple anthropometric deficits on child mortality: meta-analysis of individual data in 10 prospective studies from developing countries. *Am J Clin Nutr* 2013 Apr;97(4):896-901
184. Milad G, Izzeldin S, Tofail F, Ahmed T, Hakim M, Khalil I, Petri WA. Association between child diarrhea and maternal depression. *J Shaheed Suhrawardy Med Coll* 2013 Jun;5(1):14-20
185. Mily A, Rekha RS, Kamal SMM, Akhtar E, Sarker P, Rahim Z, Gudmundsson GH, Agerberth B, Raqib R. Oral intake of phenylbutyrate with or without vitamin D3 upregulates the cathelicidin LL-37 in human macrophages: a dose finding study for treatment of tuberculosis. *BMC Pulm Med* 2013 Apr 16;13:23
186. Mondal D, Huda MM, Karmoker MK, Ghosh D, Matlashewski G, Nabi SG, Kroeger A. Reducing visceral leishmaniasis by insecticide impregnation of bed-nets, Bangladesh. *Emerg Infect Dis* 2013 Jul;19(7):1131-4
187. Monira S, Nakamura S, Gotoh K, Izutsu K, Watanabe H, Alam NH, Nakaya T, Horii T, Ali SI, Iida T, Alam M. Metagenomic profile of gut microbiota in children during cholera and recovery. *Gut Pathog* 2013 Feb 1;5(1):1
188. Mullany LC, Shah R, Arifeen SE, Mannan I, Winch PJ, Hill A, Darmstadt GL, Baqui AH. Chlorhexidine cleansing of the umbilical cord and separation time: a cluster-randomized trial. *Pediatrics* 2013 Apr;131(4):708-15
189. Nahar N, Mondal UK, Sultana R, Hossain MJ, Khan MSU, Gurley ES, Oliveras E, Luby SP. Piloting the use of indigenous methods to prevent Nipah virus infection by interrupting bats' access to date palm sap in Bangladesh. *Health Promot Int* 2013 Sep;28(3):378-86
190. Nahar N, Uddin M, Sarkar RA, Gurley ES, Khan MSU, Hossain MJ, Sultana R, Luby SP. Exploring pig raising in Bangladesh: implications for public health interventions. *Vet Ital* 2013 Mar;49(1):7-17
191. Nahar P, Collins AE, Bhuiya A, Alamgir F, Ray-Bennett N, Edgeworth R. Indigenous indicators of health security in relation to climatic disasters in Bangladesh. *Environ Hazard* 2013 Mar 1;12(1 S1):32-46

192. Nahar Q, Xenos P, Abalos J. The changing transitions to adulthood across Southeast Asia: a census approach to cross-national comparisons. *Ann Am Acad Pol Soc Sci* 2013 Mar;646(1):42-68
193. Nahar S, Afrad MH, Begum N, Al-Mamun F, Sarker AK, Das SK, Faruque ASG, Pourkarim MR, Choudhuri MSK, Azim T, Rahman M. High prevalence of noroviruses among hospitalized diarrheal patients in Bangladesh, 2011. *J Infect Dev Ctries* 2013;7(11):892-6
194. Nahar S, Afrad MH, Fahmi T, Moni S, Haque W, Das SK, Faruque ASG, Choudhuri MSK, Azim T, Rahman M. A novel norovirus recombinant strain GII.4/GII.21 in Bangladesh, 2011. *Virus Genes* 2013 Jun;46(3):538-41
195. Nahar S, Afrad MH, Matthijnsens J, Rahman MZ, Momtaz Z, Yasmin R, Jubair M, Faruque ASG, Choudhuri MS, Azim T, Rahman M. Novel intergenotype human norovirus recombinant GII.16/GII.3 in Bangladesh. *Infect Genet Evol* 2013 Sep 27;20C:325-9
196. Nair H, Lau ESM, Brooks WA, Seong AC, Theodoratou E, Zgaga L, Huda T, Jadhav SS, Rudan I, Campbell H. An evaluation of the emerging vaccines against influenza in children. *BMC Public Health* 2013 Sep 17;13(Suppl 3):S14
197. Nair H, Simões EAF, Rudan I, Gessner BD, Azziz-Baumgartner E, Zhang JSF, Feikin DR, Mackenzie GA, Moïsi JC, Roca A, Baggett HC, Zaman SMA, Singleton RJ, Lucero MG, Chandran A, Gentile A, Cohen C, Krishnan A, Bhutta ZA, Arguedas A, Clara AW, Andrade AL, Ope M, Ruvinsky RO, Hortal M, McCracken JP, Madhi SA, Bruce N, Qazi SA, Morris SS, Arifeen SE, Weber MW, Scott JAG, Brooks WA, Breiman RF, Campbell H; Severe Acute Lower Respiratory Infections Working Group. Global and regional burden of hospital admissions for severe acute lower respiratory infections in young children in 2010: a systematic analysis. *Lancet* 2013 Apr 20;381(9875):1380-90
198. Nakajima C, Tamaru A, Rahim Z, Poudel A, Maharjan B, Aye KS, Ling H, Hattori T, Iwamoto T, Fukushima Y, Suzuki H, Suzuki Y, Matsuba T. A simple multiplex PCR for the identification of Beijing family of *Mycobacterium tuberculosis* with a lineage-specific mutation in *Rv0679c*. *J Clin Microbiol* 2013 Jul;51(7):2025-32
199. Nakazawa T, Khan AF, Yasueda H, Saito A, Fukutomi Y, Takai T, Zaman K, Yunus M, Takeuchi H, Iwata T, Akiyama K. Immunization of rabbits with nematode *ascaris lumbricoides* antigens induces antibodies cross-reactive to house dust mite *dermatophagoides farinae* antigens. *Biosci Biotechnol Biochem* 2013;77(1):145-50
200. Nasreen S, Khan SU, Azziz-Baumgartner E, Hancock K, Veguilla V, Wang D, Rahman M, Alamgir ASM, Sturm-Ramirez K, Gurley ES, Luby SP, Katz JM, Uyeki TM. Seroprevalence of antibodies against highly pathogenic Avian influenza A (H5N1) virus among poultry workers in Bangladesh, 2009. *PLOS ONE* 2013 Sep 5;8(9):e73200
201. Nasrin D, Wu Y, Blackwelder WC, Farag TH, Saha D, Sow SO, Alonso PL, Breiman RF, Sur D, Faruque ASG, Zaidi AKM, Biswas K, van Eijk AN, Levine MM, Kotloff KL.

- Healthcare-seeking for childhood diarrhea in developing countries: evidence from seven sites in Africa and Asia. *Am J Trop Med Hyg* 2013 Jul;89(1 Suppl):3-12
202. Naved RT. Sexual violence towards married women in Bangladesh. *Arch Sex Behav* 2013 May;42(4):595-602
203. Naznin E, Kroeger A, Siddiqui NA, Sundar S, Malaviya P, Mondal D, Huda MM, Das P, Karki P, Banjara MR, Dreesch N, Gedik G. Human resource assessment for scaling up VL active case detection in Bangladesh, India and Nepal. *Trop Med Int Health* 2013 Jun;18(6):734-42
204. Nizame FA, Unicomb L, Sanghvi T, Roy S, Nuruzzaman M, Ghosh PK, Winch PJ, Luby SP. Handwashing before food preparation and child feeding: a missed opportunity for hygiene promotion. *Am J Trop Med Hyg* 2013 Dec;89(6):1179-85
205. Olival KJ, Islam A, Yu M, Anthony SJ, Epstein JH, Khan SA, Khan SU, Cramer G, Wang L-F, Lipkin WI, Luby SP, Daszak P. Ebola virus antibodies in fruit bats, Bangladesh. *Emerg Infect Dis* 2013 Feb;19(2):270-3
206. Olofin I, McDonald CM, Ezzati M, Flaxman S, Black RE, Fawzi WW, Caulfield LE, Danaei G, for the Nutrition Impact Model Study (Adair L, Arifeen S, Bhandari N, Garenne M, Résiliences U, Kirkwood B, Mølbak K, Katz J, Sommer A, West KP, Jr., Penny ME). Associations of suboptimal growth with all-cause and cause-specific mortality in children under five years: a pooled analysis of ten prospective studies. *PLoS ONE* 2013 May 29; 8(5):e64636
207. Omer SB, Zaman K, Roy E, Arifeen SE, Raqib R, Noory L, Seib K, Breiman RF, Steinhoff MC. Combined effects of antenatal receipt of influenza vaccine by mothers and pneumococcal conjugate vaccine receipt by infants: results from a randomized, blinded, controlled trial. *J Infect Dis* 2013 Apr;207(7):1144-7
208. Owais A, Faruque ASG, Das SK, Ahmed S, Rahman S, Stein AD. Maternal and antenatal risk factors for stillbirths and neonatal mortality in rural Bangladesh: a case-control study. *PLoS ONE* 2013 Nov 7; 8(11):e80164
209. Perez-Heydrich C, Furgurson JM, Giebultowicz S, Winston JJ, Yunus M, Streatfield PK, Emch M. Social and spatial processes associated with childhood diarrheal disease in Matlab, Bangladesh. *Health Place* 2013 Jan;19:45-52
210. Peterson KM, Buss J, Easley R, Yang Z, Korpe PS, Niu F, Ma JZ, Olortegui MP, Haque R, Kosek MN, Petri WA, Jr. REG1B as a predictor of childhood stunting in Bangladesh and Peru. *Am J Clin Nutr* 2013 May;97(5):1129-33
211. Pierce BL, Tong L, Argos M, Gao J, Farzana J, Roy S, Paul-Brutus R, Rahaman R, Rakibuz-Zaman M, Parvez F, Ahmed A, Quasem I, Hore SK, Alam S, Islam T, Harjes J, Sarwar G, Slavkovich V, Gamble MV, Chen Y, Yunus M, Rahman M, Baron JA, Graziano JH, Ahsan H. Arsenic metabolism efficiency has a causal role in arsenic

toxicity: Mendelian randomization and gene-environment interaction. *Int J Epidemiol* 2013 Dec;42(6):1862-71

212. Prue CS, Shannon KL, Khyang J, Edwards LJ, Ahmed S, Ram M, Shields T, Hossain MS, Glass GE, Nyunt MM, Sack DA, Sullivan DJ, Jr., Khan WA. Mobile phones improve case detection and management of malaria in rural Bangladesh. *Malar J* 2013 Feb 4;12(1):48
213. Purdy AE, Balch D, Lizárraga-Partida ML, Islam MS, Martinez-Urtaza J, Huq A, Colwell RR, Bartlett DH. Diversity and distribution of cholix toxin, a novel ADP-ribosylating factor from *Vibrio cholerae*. *Environ Microbiol Rep* 2010 Feb;2(1):198-207
214. Qadri F, Bhuiyan TR, Sack DA, Svennerholm A-M. Immune responses and protection in children in developing countries induced by oral vaccines. *Vaccine* 2013 Jan 7;31(3):452-60
215. Rahman A, Rashu R, Bhuiyan TR, Chowdhury F, Khan AI, Islam K, Larocque RC, Ryan ET, Wrammert J, Calderwood SB, Qadri F, Harris JB. Antibody secreting cell responses after *Vibrio cholerae* O1 infection and oral cholera vaccination in adults in Bangladesh. *Clin Vaccine Immunol* 2013 Oct;20(10):1592-8
216. Rahman A, Anwar I. Behavior change communications during antenatal visits using pictorial cards improves institutional delivery rates: evidence from Matlab, Bangladesh. *Int J Trop Dis Health* 2013 Jul 12;3(3):242-56
217. Rahman AS, Ahmed T, Ahmed F, Alam MA, Wahed MA, Sack DA. Double-blind cluster randomised controlled trial of wheat flour chapatti fortified with micronutrients on the status of vitamin A and iron in school-aged children in rural Bangladesh. *Matern Child Nutr* 2013 Jun 25. doi: 10.1111/mcn.12065. [Epub ahead of print].
218. Rahman AS, Sarker SA, Ahmed T, Islam R, Wahed MA, Sack DA. Relationship of intestinal parasites, *H. pylori* infection with anemia or iron status among school age children in rural Bangladesh. *J Gastroenterol Hepatol Res* 2013 Sep 21;2(9):769-73
219. Rahman M, Sohel N, Yunus M, Chowdhury ME, Hore SK, Zaman K, Bhuiya A, Streatfield PK. Increased childhood mortality and arsenic in drinking water in Matlab, Bangladesh: a population-based cohort study. *PLoS ONE* 2013 Jan 28;8(1):e55014
220. Rahman MT, Mumu MA, Choudhury ATMM, Sultana R, Shirin S, Saeidullh M, Uddin MS, Sultana R, Sajani TT. Serum zinc, total & free psa, free/total psa ratio and prostate cancer association: a case control study. *Anwer Khan Modern Medical College J* 2013 Jan;4(1):15-9
221. Rahman MT, Uddin MS, Sultana R, Moue A, Setu M. Polymerase Chain Reaction (PCR): a short review. *Anwer Khan Modern Medical College J* 2013 Jan;4(1):30-6
222. Rahman MZ, Akter S, Azmuda N, Sultana M, Weill F-X, Khan SI, Grimont PAD, Birkeland N-K. Serological cross-reaction between o-antigens of *Shigella dysenteriae*

- type 4 and an environmental *Escherichia albertii* isolate. *Curr Microbiol* 2013 Nov;67(5):590-5
223. Rahman SM, Åkesson A, Kippler M, Grandér M, Hamadani JD, Streatfield PK, Persson L-Å, Arifeen SE, Vahter M. Elevated manganese concentrations in drinking water may be beneficial for fetal survival. *PLoS ONE* 2013 Sep 16;8(9):e74119
224. Rao VR, Neogi U, Talboom JS, Padilla L, Rahman M, Fritz-French C, Gonzalez-Ramirez S, Verma A, Wood C, Ruprecht RM, Ranga U, Azim T, Joska J, Eugenin E, Shet A, Bimonte-Nelson H, Tyor WR, Prasad VR. Clade C HIV-1 isolates circulating in Southern Africa exhibit a greater frequency of dicysteine motif-containing Tat variants than those in Southeast Asia and cause increased neurovirulence. *Retrovirology* 2013 Jun 8;10:61
225. Rashid MA, Chowdhury KA, Mahmud SMS, Chowdhury T, Bhuyan AAM, Nahar Z, Paul SK. *Escherichia coli* from day old chicks of a selected breeder farm in Bangladesh. *VETSCAN* 2013;7(2):36-45
226. Rasul CH, Zaman MA, Hossain MJ, Nasrin E, Rahman M. Outcome and prognostic factors of acute meningoencephalitis in children of Southern Bangladesh. *Sri Lanka J Child Health* 2013;41(1):27-32
227. Razzaque A, Mustafa AHMG, Streatfield PK. Do self-reported health indicators predict mortality? Evidence from Matlab, Bangladesh. *J Biosoc Sci* 2013 Aug 12:1-14. [Epub ahead of print]
228. Rentschler G, Kippler M, Axmon A, Raqib R, Ekström EC, Skerfving S, Vahter M, Broberg K. Polymorphisms in iron homeostasis genes and urinary cadmium concentrations among nonsmoking women in Argentina and Bangladesh. *Environ Health Perspect.* 2013 Apr;121(4):467-72
229. Rimi NA, Sultana R, Ishtiaq-Ahmed K, Khan SU, Sharker MAY, Zaman RU, Azziz-Baumgartner E, Gurley ES, Nahar N, Luby SP. Poultry slaughtering practices in rural communities of Bangladesh and risk of avian influenza transmission: a qualitative study. *Ecohealth* 2013 Dec 4. [Epub ahead of print]
230. Robins WP, Faruque SM, Mekalanos JJ. Coupling mutagenesis and parallel deep sequencing to probe essential residues in a genome or gene. *Proc Natl Acad Sci U S A* 2013 Feb 26;110(9):E848-57
231. Roess AA, Winch PJ, Ali NA, Akhter A, Afroz D, Arifeen SE, Darmstadt GL, Baqui AH, and the Bangladesh PROJAHNMO Study Group. Animal husbandry practices in rural Bangladesh: potential risk factors for antimicrobial drug resistance and emerging diseases. *Am J Trop Med Hyg* 2013 Nov;89(5):965-70
232. Root ED, Rodd J, Yunus M, Emch M. The role of socioeconomic status in longitudinal trends of cholera in Matlab, Bangladesh, 1993-2007. *PLoS Negl Trop Dis* 2013 Jan 10;7(1):e1997

233. Roth DE, Mahmud AA, Raqib R, Akhtar E, Black RE, Baqui AH. Pharmacokinetics of high-dose weekly oral vitamin D3 supplementation during the third trimester of pregnancy in Dhaka, Bangladesh. *Nutrients* 2013 Mar 12;5(3):788-810
234. Roth DE, Mahmud AA, Raqib R, Akhtar E, Perumal N, Pezzack B, Baqui AH. Randomized placebo-controlled trial of high-dose prenatal third-trimester vitamin D3 supplementation in Bangladesh: the AViDD trial. *Nutr J* 2013 Apr 12;12(1):47. [Epub ahead of print]
235. Roth DE, Perumal N, Mahmud AA, Baqui AH. Maternal vitamin D3 supplementation during the third trimester of pregnancy: effects on infant growth in a longitudinal follow-up study in Bangladesh. *J Pediatr* 2013 Dec;163(6):1605-11.
236. Roy M, Harris J, Afreen S, Deak E, Gade L, Balajee SA, Park B, Chiller T, Luby S. Aflatoxin contamination in food commodities in Bangladesh. *Food Addit Contam Part B Surveill* 2013;6(1):17-23
237. Rydbeck F, Bottai M, Tofail F, Persson L-Å, Kippler M. Urinary iodine concentrations of pregnant women in rural Bangladesh: a longitudinal study. *J Expo Sci Environ Epidemiol* 2013 Nov 13. doi: 10.1038/jes.2013.79. [Epub ahead of print]
238. Saha A, Chowdhury MI, Nazim M, Alam MM, Ahmed T, Hossain MB, Hore SK, Sultana GNN, Svennerholm A-M, Qadri F. Vaccine specific immune response to an inactivated oral cholera vaccine and EPI vaccines in a high and low arsenic area in Bangladeshi children. *Vaccine* 2013 Jan 11;31(4):647-52
239. Saha UR, van Soest A. Contraceptive use, birth spacing, and child survival in Matlab, Bangladesh. *Stud Fam Plann* 2013 Mar;44(1):45-66
240. Salam MA, Siddiqui MA, Nabi SG, Bhaskar KRH, Mondal D. Post-kala-azar dermal leishmaniasis with mucosal involvement: an unusual case presentation including successful treatment with miltefosine (case study). *J Health Popul Nutr* 2013 Jun;31(2):294-7
241. Samad MS, Itoh M, Moji K, Hossain M, Mondal D, Alam MS, Kimura E. Enzyme-linked immunosorbent assay for the diagnosis of *Wuchereria bancrofti* infection using urine samples and its application in Bangladesh. *Parasitol Int* 2013 Dec;62(6):564-7
242. Saquib N, Khanam MA, Saquib J, Anand S, Chertow GM, Barry M, Ahmed T, Cullen MR. High prevalence of type 2 diabetes among the urban middle class in Bangladesh. *BMC Public Health* 2013 Oct 31;13(1):1032
243. Sarker AR, Islam Z, Khan IA, Saha A, Chowdhury F, Khan AI, Qadri F, Khan JA. Cost of illness for cholera in a high risk urban area in Bangladesh: an analysis from household perspective. *BMC Infect Dis* 2013 Nov 4;13(1):518
244. Sarker BK, Ahmed S, Islam N, Khan JAM. Cost of behavior change communication channels of *Manoshi* -a maternal, neonatal and child health (MNCH) program in urban

slums of Dhaka, Bangladesh. *Cost Eff Resour Alloc* 2013 Nov 14;11(1):28. [Epub ahead of print]

245. Sarker SA, Jäkel M, Sultana S, Alam NH, Bardhan PK, Chisti MJ, Salam MA, Theis W, Hammarström L, Frenken L. Anti-rotavirus protein reduces stool output in infants with diarrhea: a randomized placebo-controlled trial. *Gastroenterology* 2013 Oct;145(4):740-8.e8
246. Sarma H, Islam MA, Gazi R. Impact of training of teachers on their ability, skills, and confidence to teach HIV/AIDS in classroom: a qualitative assessment. *BMC Public Health* 2013 Oct 21;13:990
247. Sarma H, Oliveras E. Implementing HIV/AIDS education: impact of teachers' training on HIV/AIDS education in Bangladesh. *J Health Popul Nutr* 2013 Mar;31(1):20-7
248. Sazzad HMS, Hossain MJ, Gurley ES, Ameen KMH, Parveen S, Islam MS, Faruque LI, Podder G, Banu SS, Lo MK, Rollin PE, Rota PA, Daszak P, Rahman M, Luby SP. Nipah virus infection outbreak with nosocomial and corpse-to-human transmission, Bangladesh. *Emerg Infect Dis* 2013 Feb;19(2):210-7
249. Schlaudecker EP, Steinhoff MC, Omer SB, McNeal MM, Roy E, Arifeen SE, Dodd CN, Raqib R, Breiman RF, Zaman K. IgA and neutralizing antibodies to influenza A virus in human milk: a randomized trial of antenatal influenza immunization. *PLoS ONE* 2013 Aug 14;8(8):e70867
250. Scott S, Chowdhury ME, Pambudi ES, Qomariyah SN, Ronsmans C. Maternal mortality, birth with a health professional and distance to obstetric care in Indonesia and Bangladesh. *Trop Med Int Health* 2013 Oct;18(10):1193-201
251. Shahunja KM, Shahid ASMSB, Ashraf H, Faruque ASG, Das SK, Kamruzzaman M, Flora FP, Chisti MJ. Predictors of death in under-five children with sepsis attending an urban diarrheal treatment centre in Bangladesh. *Food Nutr Sci* 2013 Jul;4(7):709-14
252. Shenk MK, Starkweather K, Kress HC, Alam N. Does absence matter?: a comparison of three types of father absence in rural Bangladesh. *Hum Nat* 2013 Mar;24(1):76-110
253. Shenk MK, Towner MC, Kress HC, Alam N. A model comparison approach shows stronger support for economic models of fertility decline. *Proc Natl Acad Sci USA* 2013 May 14;110(20):8045-50
254. Shroufi A, Chowdhury R, Anchala R, Stevens S, Blanco P, Han T, Niessen L, Franco OH. Cost effective interventions for the prevention of cardiovascular disease in low and middle income countries: a systematic review. *BMC Public Health* 2013 Mar 28;13:285
255. Siddique AK, Cash R. Cholera outbreaks in the classical biotype era. *Curr Top Microbiol Immunol* 2013 Dec 25. [Epub ahead of print]

256. Smith AH, Yunus M, Khan AF, Ercumen A, Yuan Y, Smith MH, Liaw J, Balmes J, von Ehrenstein O, Raqib R, Kalman D, Alam DS, Streatfield PK, Steinmaus C. Chronic respiratory symptoms in children following in utero and early life exposure to arsenic in drinking water in Bangladesh. *Int J Epidemiol* 2013 Aug;42(4):1077-86
257. Stefanska B, Bouzelmat A, Huang J, Suderman M, Hallett M, Han Z-G, Al-Mahtab M, Akbar SMF, Khan WA, Raqib R, Szyf M. Discovery and validation of DNA hypomethylation biomarkers for liver cancer using HRM-specific probes. *PLoS ONE* 2013 Aug 7;8(8):e68439
258. Stockman LJ, Brooks WA, Streatfield PK, Rahman M, Goswami D, Nahar K, Rahman MZ, Luby SP, Anderson LJ. Challenges to evaluating respiratory syncytial virus mortality in Bangladesh, 2004-2008. *PLoS ONE* 2013 Jan 24;8(1):e53857
259. Streatfield PK, Kamal N. Population and family planning in Bangladesh. *J Pak Med Assoc* 2013 Apr;63(4 Suppl. 3):S73-81
260. Sultana F, Nahar Q, Marions L, Oliveras E. Effect of post-menstrual regulation family-planning service quality on subsequent contraceptive use in Bangladesh. *Int J Gynecol Obstet* 2013 Nov;123 Suppl 1:e38-42
261. Sultana NK, Saha SK, Al-Emran HM, Modak JK, Sharker MAY, Arifeen SE, Cohen AL, Baqui AH, Luby SP. Impact of introduction of the *Haemophilus influenzae* type b conjugate vaccine into childhood immunization on meningitis in Bangladeshi infants. *J Pediatr* 2013 Jul;163(1 Suppl):S73-8
262. Sultana R, Mondal UK, Rimi NA, Unicomb L, Winch PJ, Nahar N, Luby SP. An improved tool for household faeces management in rural Bangladeshi communities. *Trop Med Int Health* 2013 Jul;18(7):854-60
263. Talukdar PK, Rahman M, Rahman M, Nabi A, Islam Z, Hoque MM, Endtz HP, Islam MA. Antimicrobial resistance, virulence factors and genetic diversity of *Escherichia coli* isolates from household water supply in Dhaka, Bangladesh. *PLoS ONE* 2013 Apr 3;8(4):e61090
264. Taniuchi M, Sobuz SU, Begum S, Platts-Mills JA, Liu J, Yang Z, Wang X-Q, Petri WA, Jr., Haque R, Houpt ER. Etiology of diarrhea in Bangladeshi infants in the first year of life using molecular methods. *J Infect Dis* 2013 Dec;208(11):1794-802
265. Tofail F, Hamadani JD, Mehrin F, Ridout DA, Huda SN, Grantham-McGregor SM. Psychosocial stimulation benefits development in nonanemic children but not in anemic, iron-deficient children. *J Nutr* 2013 Jun;143(6):885-93
266. Turner T, Burri BJ, Jamil KM, Jamil M. The effects of daily consumption of β -cryptoxanthin-rich tangerines and β -carotene-rich sweet potatoes on vitamin A and carotenoid concentrations in plasma and breast milk of Bangladeshi women with low vitamin A status in a randomized controlled trial. *Am J Clin Nutr* 2013 Nov;98(5):1200-8

267. Ud-Din AIMS, Wahid SUH, Latif HA, Shahnaij M, Akter M, Azmi IJ, Hasan TN, Ahmed D, Hossain MA, Faruque ASG, Faruque SM, Talukder KA. Changing trends in the prevalence of *Shigella* species: emergence of multi-drug resistant *Shigella sonnei* biotype g in Bangladesh. PLoS ONE 2013 Dec 18;8(12):e82601
268. Uddin J, Sarma H, Bari TI, Koehlmoos TP. Introduction of new vaccines: decision-making process in Bangladesh. J Health Popul Nutr 2013 Jun;31(2):211-7
269. Uddin MKM, Chowdhury MR, Ahmed S, Rahman MT, Khatun R, van Leth F, Banu S. Comparison of direct versus concentrated smear microscopy in detection of pulmonary tuberculosis. BMC Res Notes 2013 Jul 25;6:291
270. Wahed T, Kaukab SS, Saha NC, Khan IA, Khanam F, Chowdhury F, Saha A, Khan AI, Siddik AU, Cravioto A, Qadri F, Uddin J. Knowledge of, attitudes toward, and preventive practices relating to cholera and oral cholera vaccine among urban high-risk groups: findings of a cross-sectional study in Dhaka, Bangladesh. BMC Public Health 2013 Mar 19;13:242
271. Warren JL, Perez-Heydrich C, Yunus M. Bayesian spatial design of optimal deep tube well locations in Matlab, Bangladesh. Environmetrics 2013 Sep;24(6):377-86
272. Winston JJ, Escamilla V, Perez-Heydrich C, Carrel M, Yunus M, Streatfield PK, Emch M. Protective benefits of deep tube wells against childhood diarrhea in Matlab, Bangladesh. Am J Public Health 2013 Jul;103(7):1287-9
273. Wu J, Yunus M, Streatfield PK, Emch M. Association of climate variability and childhood diarrhoeal disease in rural Bangladesh, 2000-2006. Epidemiol Infect 2013 Oct 30:1-10. [Epub ahead of print]
274. Yoshimatsu S, Hossain MI, Islam MM, Chisti MJ, Okada M, Kamoda T, Fukushima T, Wagatsuma Y, Sumazaki R, Ahmed T. Hypophosphatemia among severely malnourished children with sepsis in Bangladesh. Pediatr Int 2013 Feb;55(1):79-84
275. Zogg CK, Ahmed T, Faruque ASG, Das SK, Imran G, Chisti MJ. Predictive factors of hyponatremia in under-five severely malnourished children with pneumonia admitted to a large urban hospital in Dhaka, Bangladesh: a nested case-control design. Food Nutri Sci 2013 Apr;4(4):398-404

B. Book chapters, papers in conference proceedings, and monographs

1. Arman S, Unicomb L, Luby SP. A qualitative exploration of factors affecting uptake of water treatment technology in rural Bangladesh. *In: Banwell C, Ulijaszek S, Dixon J, editors. When culture impacts health: global lessons for effective health research. Amsterdam: Elsevier, 2013:205-14 (chapter 18)*
2. Ahmed T, Hossain I, Islam M, Ahmed AMS, Chisti MJ. Protein-energy malnutrition in children. *In: Magill AJ, Ryan ET, Hill DR, Solomon T, eds. Hunter's Tropical Medicine and Emerging Infectious Diseases. New York: Saunders Elsevier, 2013:989-96*
3. Gazi R, Nahar Q, Kabir MH, Huque MH, Moinuddin M. Arifeen SE, Rahman APMS, Amin S, Afroze Z, Mahbub A. Child marriage in Bangladesh: findings from a national survey 2013. Dhaka: Plan International Bangladesh, 2013. 35 p.
4. Islam MA, Asadulghani M. Etiology and prevention of food-borne bacterial gastroenteritis. *In: Vaishnavi C, editor. Infections of the gastrointestinal system. New Delhi: Jaypee Brothers Medical Publishers, 2013:13-30*
5. Islam MS, Luby SP, Gurley ES. Developing culturally appropriate interventions to prevent person-to-person transmission of nipah virus in Bangladesh: cultural epidemiology in action. *In: Banwell C, Ulijaszek S, Dixon J, editors. When culture impacts health: global lessons for effective health research. Amsterdam: Elsevier, 2013:329-37 (chapter 28)*
6. Luby SP. The cultural anthropological contribution to communicable disease epidemiology. *In: Banwell C, Ulijaszek S, Dixon J, editors. When culture impacts health: global lessons for effective health research. Amsterdam: Elsevier, 2013:43-52 (chapter 5)*
7. Panda P, Dror I, Koehlmoos TP, Hossain SAS, John D, Khan JAM, Dror D. What factors affect take up of voluntary and community-based health insurance programmes in low- and middle- income countries? A systematic review (Protocol). London: EPPI-Centre, Social Science Research Unit, Institute of Education, University of London, 2013.
8. Parveen S, Sultana R, Luby SP, Gurley ES. Anthropological approaches to Outbreak Investigations in Bangladesh. *In: Banwell C, Ulijaszek S, Dixon J, editors. When culture impacts health: global lessons for effective health research. Amsterdam: Elsevier, 2013:215-24 (chapter 19)*
9. Pietroni M. Cholera: method of. *In: Bope ET, Kellerman RD, editors. Conn's current therapy 2013. Philadelphia: Elsevier, 2013:84-7*
10. Zaman K, Baqui AH. Diarrheal diseases. *In: Allen LH, Prentice A, Caballero B. editors. Encyclopedia of human nutrition: volume 2. 3rd ed. Waltham, MA: Academic Press, 2013:47-9*

C. Letters, editorials, and abstracts in journals

1. Afrad MH, Rahman MZ, Matthijnsens J, Das SK, Faruque A, Azim T, Rahman M. High incidence of reassortant G9P[4] rotavirus strain in Bangladesh: fully heterotypic from vaccine strains (letter). *J Clin Virol* 2013 Dec;58(4):755-6 [2013 Oct 3. Epub ahead of print]
2. Agho K, Rasheed S, Mhrshahi S, Senarath U, Dibley M. Delayed initiation of and non-exclusive breastfeeding among children aged 0-23 months in South Asia: a pooled analysis. *Ann Nutr Metab* 2013 Sep;63(Suppl 1):493
3. Ahmed M, Al-Mamun A, Abedin J, Luby SP, Satter SM, Paul RC, Widdowson M-A, Sturm-Ramirez K, Heffelfinger JD, Rahman M, Gurley ES. Incidence of acute gastroenteritis-associated mortality among children under five years of age in Bangladesh, 2010-12 (abstract). *Am J Trop Med Hyg* 2013 Nov;89 (5 Suppl 1):427
4. Ahmed S, Goldberg GR, Roy SK, Raqib R, Haque S, Prentice A. Dietary calcium and phosphate intake in the aetiology of rickets in Bangladesh. *Ann Nutr Metab* 2013 Sep;63(Suppl 1):725
5. Ahmed T, Choudhury N, Hossain MI, Islam MM, Schumacher B, dePee S, Tangsuphoom N, Muiruri J, Fuli R, Parveen M, Sarker S, West KP, Jr., Christian P. Development and acceptability of locally developed ready-to-use complementary-food-supplements (RUCFS) in urban slum settings of Dhaka, Bangladesh. *Ann Nutr Metab* 2013 Sep;63(Suppl 1):582
6. Ahmed T, Hossain M, Chisti J, Mahfuz M, Islam M, Hossain I. Scaling-up prevention of stunting. *Ann Nutr Metab* 2013 Sep;63(Suppl 1):60
7. Alam DS, Chowdhury MA, Siddiquee AT, Pervin S, Ahmed S, Niessen LW. Raising awareness leads to high provider visits and blood pressure reduction among hypertensive patients in Bangladesh - a population-based cohort study (abstract). *Circulation* 2013 Mar; 127: AP371
8. Angdembe M, Choudhury N, Ahmed T, Haque R. Adherence to micronutrient powder (sprinkles) among children aged 6-59 months in rural Bangladesh. *Ann Nutr Metab* 2013 Sep;63(Suppl 1):735
9. Arsenault J, Yakes E, Islam M, Hossain M, Ahmed T, Hotz C, Lewis B, Rahman A, Jamil K, Brown K. Very low micronutrient intake adequacy of women in rural Bangladesh is explained by limited diversity of nutrient-rich foods. *Ann Nutr Metab* 2013 Sep;63(Suppl 1):962
10. Arsenault JE, Yakes EA, Islam MM, Hossain MB, Ahmed T, Hotz C, Lewis B, Rahman AS, Jamil KM, Brown KH. Very low micronutrient intake adequacy of young children in rural Bangladesh is explained by limited diversity of nutrient-rich foods (abstract). *FASEB J* 2013 Apr;27(Suppl):845.22.

11. Bhuiya A, Datta PG, Chowdhury AMR. Health progress and research culture in Bangladesh (letter). *Lancet* 2013 Nov 23;382(9906):1699
12. Chowdhury PD, Haque E, Lindsay R, Drebot KA, Brooks WA, Paul K. Understanding dengue transmission in Dhaka, Bangladesh (abstract). *Am J Trop Med Hyg* 2013 Nov;89 (5 Suppl 1):34
13. Ekström E-C, Eneroth H, Arifeen SE, Persson LÅ. Efficacy of micronutrient supplement intake in increasing hemoglobin in pregnancy: dose-effect comparisons with multiple micronutrient in the MINIMat trial in rural Bangladesh (abstract). *FASEB J* 2013 Apr;27(Suppl):845.25
14. Ellis CN, Mayo-Smith L, Rahman A, Uddin T, LaRocque RC, Ryan ET, Calderwood SB, Qadri F, Harris JB. Comparative proteomic analysis reveals activation of innate immune signaling pathways and the inflammasome in Bangladeshi cholera patients (abstract). *Am J Trop Med Hyg* 2013 Nov;89 (5 Suppl 1):291
15. English LK, Murray-Kolb LE, Chang S, Hamadani J, Arifeen SE, Baqui A, Black RE. Maternal iron status and depressive symptoms in rural Bangladesh (abstract). *FASEB J* 2013 Apr;27(Suppl):845.2.
16. Fakruddin M, Mazumdar RM, Chowdhury A, Mannan KSB. A preliminary study on virulence factors & antimicrobial resistance in extra-intestinal pathogenic *Escherichia coli* (ExPEC) in Bangladesh (letter). *Indian J Med Res* 2013;137(5):988-90
17. Gazi R. Steroid hormone in ageing (editorial). *Reprod Syst Sex Disord* 2013;2(2):000e108
18. GeurtsvanKessel CH, Islam Z, Mohammad QD, Jacobs BC, Endtz HP, Osterhaus ADME. Hepatitis E and Guillain-Barré Syndrome (letter). *Clin Infect Dis* 2013 Nov;57(9):1369-70. [2013 Sep 2 Epub ahead of print]
19. Haque F, Rahman M, Banu NN, Raihan A, Chowdhury IA, Shamsuzzaman AK, Alamgir ASM, Luby SP, Gurley ES. An epidemic of Chikungunya in northwestern Bangladesh in 2011 (abstract). *Am J Trop Med Hyg* 2013 Nov;89 (5 Suppl 1):134
20. Harding KL, Stewart CP, Matias SL, Moniruzzaman M, Mridha MK, Vosti SA, Dewey KG. Adherence to lipid-based nutrient supplement (LNS) and iron/folic acid tablet (IFA) recommendations during pregnancy among rural Bangladeshi women. *Ann Nutr Metab* 2013 Sep;63(Suppl 1):665
21. Hashizume M, Chaves LF, Faruque AS, Yunus M, Streatfield K, Terao T. The Indian Ocean Dipole and cholera incidence in Bangladesh (abstract). *Am J Trop Med Hyg* 2013 Nov;89 (5 Suppl 1):214
22. Hegde ST, Sazzad HM, Hossain MJ, Kenah E, Daszak P, Rahman M, Luby SP, Gurley ES. Risk factor analysis for nipah infection in Bangladesh, 2004 to 2012 (abstract). *Am J Trop Med Hyg* 2013 Nov;89 (5 Suppl 1):278

23. Hossain SAS, Ahmed SU, Hadi M, Ahmed JU, Bangali M, Mong A, Husain MA. Leprosy elimination in Bangladesh: a neglected disease revisited in 2012 (abstract). *Am J Trop Med Hyg* 2013 Nov;89 (5 Suppl 1):354-5
24. Huq NL, Bhuiya F, Khan SI. Delivering HIV/AIDS messages on unprotected sex and condoms: through mosques of Bangladesh (abstract). *Sex Transm Infect* 2013 Jul;89(Suppl 1):A291-2
25. Huq S, Hossain MI, Islam MM, Ahmed T. Acceptability and efficacy of ready-to-use therapeutic food in 6-24 months old children with severe acute malnutrition in Bangladesh. *Ann Nutr Metab* 2013 Sep;63(Suppl 1):309
26. Islam M, Khatun M, Peerson J, Ahmed T, Mollah A, Dewey K, Brown K. Energy density and feeding frequency of complementary foods affects meal-specific food consumption and duration by healthy, breast fed Bangladeshi children. *Ann Nutr Metab* 2013 Sep;63(Suppl 1):1071
27. Islam MS, Sharif AR, Sazzad HM, Khan AKD, Hasan SMM, Akter S, Harun GD, Luby SP, Heffelfinger J, Rahman M, Gurley ES. Outbreak of sudden deaths among children living near Lychee orchards in northern Bangladesh (abstract). *Am J Trop Med Hyg* 2013 Nov;89 (5 Suppl 1):285-6
28. Jacob CG, Takala-Harrison S, Silva JC, Lanter C, Saunders D, Bethell D, Tyner S, Se Y, Lon C, Socheat D, Dondorp A, Imwong M, Hien TT, Satimai W, Sug-arum R, Mita T, Alam MS, Akter J, Fang H, Kyaw MP, Han KT, Nyunt MM, Mayxay M, Newton PN, Nosten F, Phyo AP, Noedl H, Starzengruber P, Tan JC, Ferdig MT, Fairhurst RM, Miotto O, Manske M, MacInnis B, Kwiatkowski D, White NJ, Ringwald P, Plowe CV. *Falciparum* malaria in the greater mekong subregion: mapping gene flow and genomic signatures of drug resistance (abstract). *Am J Trop Med Hyg* 2013 Nov;89 (5 Suppl 1):154-5
29. Jacob CG, Tan JC, Miller BA, Tan A, Saunders D, Lanten C, Lon C, Sug-arum R, Hoonchaiyaphum T, Satimai W, Mita T, Alam MS, Akter J, Fang H, Han KT, Takala-Harrison S, Ferdig MT, Plowe CV. Application of a *Plasmodium falciparum* whole genome SNP microarray to field samples collected as dried blood spots from Southeast Asia (abstract). *Am J Trop Med Hyg* 2013 Nov;89 (5 Suppl 1):263
30. Jahan S, Bhuiya A, Hanifi SMA, Iqbal M, Rasheed S. Determinants of salt consumption in rural Bangladesh: findings from assessment of 24 h urinary sodium excretions (abstract). *Circulation* 2013 Mar;127:AP094.
31. Jannat K, Unicomb LE, Stewart CP, Ashraf S, Rahman M, Ghosh PK, Luby SP. Leveraging a nutrient supplement trial to improve handwashing behavior. *Ann Nutr Metab* 2013 Sep;63(Suppl 1):1058
32. Jiang NM, Tofail F, Scharf RJ, Moonah SN, Taniuchi M, Ma JZ, Houpt ER, Niu F, Gurley ES, Hamadani JD, Azziz-Baumgartner E, Luby SP, Homaira N, Haque R, Petri WA, Jr. Febrile illness and pro-inflammatory cytokines in the first year of life predict

impaired child development in Bangladeshi infants living in poverty (abstract). *Am J Trop Med Hyg* 2013 Nov;89 (5 Suppl 1):141

33. Jutla A, Whitcombe E, Hasan N, Haley B, Huq A, Akanda A, Alam M, Sack B, Colwell R. In response (letter). *Am J Trop Med Hyg* 2013 Dec; 89:1231-2
34. Khan SU, Islam MA, Rahman MZ, Islam A, Sazzad HMS, Epstein JH, Stroher U, Rahman M, Daszak P, Luby SP, Gurley ES. Nipah virus shedding among *Pteropus* bats in the context of a human outbreak in Bangladesh, 2012 (abstract). *Am J Trop Med Hyg* 2013 Nov;89 (5 Suppl 1):18
35. Leung DT, Das SK, Malek MA, Qadri F, Faruque AS, Ryan ET. The impact of the Ramadan period in clinical parameters of patients seen at a diarrheal hospital in urban Dhaka, Bangladesh, 1996-2012 (abstract). *Am J Trop Med Hyg* 2013 Nov;89 (5 Suppl 1):361
36. Leung DT, Uddin T, Alam MM, Rahman MA, Aktar A, Arifuzzaman M, Chowdhury F, Khan AI, Khanam F, Bhuiyan TR, Harris JB, Calderwood SB, Qadri F, Ryan ET. Immune response to cholera: lessons learned from children (abstract). *Am J Trop Med Hyg* 2013 Nov;89 (5 Suppl 1):290
37. Long K, Horder Z, Faruque A, Ahmed T, Ahmed S. Associations between nutritional status, household factors and specific diarrheal pathogens among children in Mirzapur, Bangladesh. *Ann Nutr Metab* 2013 Sep;63(Suppl 1):679
38. Mahfuz M, Islam M, Hossain MI, Mondal D, Tofail F, Haque R, Ahmed T. Anemia and micronutrient status after micronutrient powder supplementation among malnourished and well-nourished children in an urban slum of Dhaka. *Ann Nutr Metab* 2013 Sep;63(Suppl 1):1471
39. Mahfuz M. Foiling inflammatory bowel disease (editors' choice). *Sci Transl Med* 2013 Oct 30;5(209):209ec178
40. Mahfuz M. REG1B: a marker of childhood stunting (editors' choice). *Sci Transl Med* 2013 Aug 7;5(197):197ec130
41. Mahfuz M. The Gut microbiome and malnutrition (editors' choice). *Sci Transl Med* 2013 Apr 3;5(179):179ec55
42. Mahfuz M. Zoning in on obesity (editors' choice). *Sci Transl Med* 2013 Sep 18;5(203):203ec154
43. Mridha M, Sarker B, Ferdous J, Reichenbach L. Availability of nutrition services in maternal, neonatal and child health (MNCH) facilities in Bangladesh. *Ann Nutr Metab* 2013 Sep;63(Suppl 1):219
44. Operario DJ, Liu J, Taniuchi M, Becker S, Janacki L, Sobuz SU, Begum S, Kabir M, Haque R, Dione M, Manneh J, Antonio M, Ndealilia S, Maro A, Gratz J, Nissa TU, Kabir

- F, Kalam A, Qureshi S, Zaidi A, Neesanant P, Silapong S, Paphavee L, Bohidatta L, Mason C, Houpt E. Development, validation and international field performance of multiplex real-time qPCR assay panels for the detection of diarrheagenic viruses, bacteria and protozoa (abstract). *Am J Trop Med Hyg* 2013 Nov;89 (5 Suppl 1):328
45. Platts-Mills J, McCormick BJ, McGrath M, Miller M, Gratz J, Kosek M, Havt A, Amidou S, Zaidi A, Kang G, Haque R, Bodhidatta L, Houpt E. Association between enteropathogens, diarrhea and growth in the MAL-ED cohort (abstract). *Am J Trop Med Hyg* 2013 Nov;89 (5 Suppl 1):428
46. Platts-Mills JA, Liu J, Gratz J, Mduma E, Amour C, Swai N, Taniuchi M, Begum S, Flores J, Parker B, Fox J, Kosek M, Haque R, Houpt E. Prevalence of non-*jejuni/coli campylobacter* species detected by enzyme immunoassay and culture in the MAL-ED cohort study (abstract). *Am J Trop Med Hyg* 2013 Nov;89 (5 Suppl 1):430
47. Pullaim JR, Mirelman A, Khan SU, Sazzad HM, Hossain MJ, Paul RC, Luby SP, Gurley ES. A cost-effectiveness analysis of human and pig vaccination strategies to reduce the burden of Japanese encephalitis in Bangladesh (abstract). *Am J Trop Med Hyg* 2013 Nov;89 (5 Suppl 1):326
48. Rahman M, Nahar S, Afrad MH, Faruque ASG, Azim T. Norovirus variant GII.4/Sydney/2012, Bangladesh (letter). *Emerg Infect Dis* 2013 Aug;19(8):1347-8
49. Rahman S, Ahmed T, Rahman AS, Alam N. Groundwater iron in Bangladesh: does it contribute to population iron nutrition? *Ann Nutr Metab* 2013 Sep;63(Suppl 1):175
50. Ram PK, Nasreen S, Kamm K, Vujcic J, Kumar S, Rahman MA, Zaman K, Arifeen SE, Luby SP. Impact of an intensive perinatal handwashing promotion intervention on maternal handwashing behavior in the neonatal period: findings from a randomized controlled trial in rural Bangladesh (abstract). *Am J Trop Med Hyg* 2013 Nov;89 (5 Suppl 1):284-5
51. Rashed SM, Iqbal A, Mannan SB, Islam T, Mahamud-ur Rashid, Fatema-tuz Johura, Watanabe H, Hasan NA, Huq A, Stine OC, Sack RB, Colwell RR, Alam M. *Vibrio cholerae* O1 El Tor and O139 Bengal strains carrying *ctxB^{ET}*, Bangladesh. *Emerg Infect Dis* 2013 Oct;19(10):1713-5
52. Saha A, Bhuiya TR, Chowdhury F, Khan AI, Khan IA, Khan IA, Ali M, Clemens J, Cravioto A, Qadri F. Immunogenicity of an oral cholera vaccine, shanchol, in a large feasibility study in Bangladesh (abstract). *Am J Trop Med Hyg* 2013 Nov;89 (5 Suppl 1):213
53. Saha A, Qadri F. Infection: mass vaccination is feasible in response to cholera epidemics (news & views). *Nat Rev Gastroenterol Hepatol* 2013 Dec;10(12):700-1 [2013 Nov 19. [Epub ahead of print]
54. Saha A, Chowdhury F, Khan AI, Khan IA, Begum F, Unicomb L, Luby SP, Ali M, Cravioto A, Clemens JD. Observations from the mass vaccination program with the oral

cholera vaccine, Shanchol, in a high risk urban setting in Dhaka, Bangladesh 2011-2013 (abstract). *Am J Trop Med Hyg* 2013 Nov;89 (5 Suppl 1):291

55. Saquib J, Saquib N, Anand S, Khanam M, Chertow G, Cullen M. Obesity Prevalence Soars among Urban Middle-class in Bangladesh (abstract). *Circulation* 2013 Mar; 127: AP111.
56. Sattar SM, Luby SP, Parashar UD, Gastanaduy PA, Rahman M, Heffelfinger JD, Rahman M, Mamun AA, Islam K, Gurley ES. Hospital-based surveillance for rotavirus and intussusceptions among young children in Bangladesh (abstract). *Am J Trop Med Hyg* 2013 Nov;89 (5 Suppl 1):75
57. Sazzad HM, Hossain MJ, Luby SP, Rahman M, Hills S, Fischer M, Sejver J, Johnson BW, Gurley ES. Japanese encephalitis outbreak in western Bangladesh, 2011 (abstract). *Am J Trop Med Hyg* 2013 Nov;89 (5 Suppl 1):366
58. Sazzad HM, Luby SP, Stroher U, Daszak P, Heffelfinger JD, Rahman M, Gurley ES. Performance of risk exposure screening questions to identify nipah cases on admission in surveillance hospitals in Bangladesh (abstract). *Am J Trop Med Hyg* 2013 Nov;89 (5 Suppl 1):134
59. Siddiqua T, Ahsan K, Rashid M, Shahab-Ferdows, Hampel D, Ahmed T, Ahmed S, Raqib R, Allen HL. Vitamin B12 in supplementation of Bangladeshi women during pregnancy and lactation increases Vitamin B12 in breast milk and improves infant status. *Ann Nutr Metab* 2013 Sep;63(Suppl 1):164
60. Siddiqua T, Islam S, Ahsan K, Rashid M, Hampel S, Shahab-Ferdows S, Allen LH, Raqib R. Vitamin B12 supplementation of Bangladeshi women in pregnancy and lactation: effects on maternal and infant status, breast milk and immunity (abstract). *FASEB J* 2013 Apr;27(Suppl):845.27
61. Talukder MRR, Rahman AE, Huque DME, Rahman M. Assessment of young infants' exclusive breastfeeding practice in geographically diverse areas of Bangladesh. *Ann Nutr Metab* 2013 Sep;63(Suppl 1):785
62. Unicomb L, Nizame F, Biswas D, Ghosh P, Roy S, Sanghvi T, Luby S. Evidence linking handwashing to improved feeding outcome. *Ann Nutr Metab* 2013 Sep;63(Suppl 1):30
63. Unicomb L, Stewart C, Halder A, Huda T, Ghosh P, Luby S. Relationship between hand washing with soap and stunting among children <2 years from Bangladesh. *Ann Nutr Metab* 2013 Sep;63(Suppl 1):1010
64. Vallur AC, Reinhart C, Tutterrow Y, Mondal D, Bhasker KR, Duthie MS, Coler RN. Establishing biomarkers of *leishmania donovani* infection: potential endpoints for vaccine trials (abstract). *Am J Trop Med Hyg* 2013 Nov;89(5 Suppl 1):434