

# Publications

## Dr Firdausi Qadri

Dr. Qadri has contributed to more than 250 publications in renowned international journals, including Lancet and Nature. A selection of these publications is as follows.

1. Begum YA, Baby NI, Faruque AS, Jahan N, Cravioto A, Svennerholm AM, **Qadri F**. Shift in Phenotypic Characteristics of Enterotoxigenic Escherichia coli (ETEC) Isolated from Diarrheal Patients in Bangladesh. *PLoS Negl Trop Dis*. 2014; 17;8(7):e3031.
2. Sheikh A, Lou Q, Roy K, Shabaan S, Kumar P, **Qadri F**, Fleckenstein, Contribution of the highly conserved EaeH surface protein to enterotoxigenic Escherichia coli pathogenesis. *JM. Infect Immun*. 2014 Jun 16. pii: IAI.01890-14.
3. Alam MM, Aktar A, Afrin S, Rahman MA, Aktar S, Uddin T, Rahman MA, Mahbuba DA, Chowdhury F, Khan AI, Bhuiyan TR, Begum YA, Ryan ET, Calderwood SB, Svennerholm AM, **Qadri F**. Antigen-Specific Memory B-cell Responses to Enterotoxigenic Escherichia coli Infection in Bangladeshi Adults. *PLoS Negl Trop Dis*. 2014 Apr 24;8(4):e2822. doi: 10.1371/journal.pntd.0002822. eCollection 2014 Apr.
4. Fleckenstein J, Sheikh A, **Qadri F**. Novel antigens for enterotoxigenic Escherichia coli vaccines. *Expert Rev Vaccines*. 2014 May;13(5):631-9. doi: 10.1586/14760584.2014.905745. Epub 2014 Apr 4.
5. Uddin T, Aktar A, Xu P, Johnson RA, Rahman MA, Leung DT, Afrin S, Akter A, Alam MM, Rahman A, Chowdhury F, Khan AI, Bhuiyan TR, Bufano MK, Rashu R, Yu Y, Wu-Freeman Y, Harris JB, Larocque RC, Charles RC, Kovač P, Calderwood SB, Ryan ET, **Qadri F**. Immune Responses to O-Specific Polysaccharide and Lipopolysaccharide of Vibrio cholerae O1 Ogawa in Adult Bangladeshi Recipients of an Oral Killed Cholera Vaccine and Comparison to Responses in Patients with Cholera. *Am J Trop Med Hyg*. 2014 Mar 31.
6. Bhuiyan TR, Choudhury FK, Khanam F, Saha A, Sayeed MA, Salma U, Lundgren A, Sack DA, Svennerholm AM, **Qadri F**. Evaluation of immune responses to an oral typhoid vaccine, Ty21a, in children from 2 to 5 years of age in Bangladesh. *Vaccine*. 2014; 19;32(9):1055-60
7. 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
8. Khanam F, Sheikh A, Sayeed MA, Bhuiyan MS, Choudhury FK, Salma U, Pervin S, Sultana T, Ahmed D, Goswami D, Hossain ML, 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; 11; 7(7):e2316.

9. 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 Aug 7. PLoS Negl Trop Dis. 2013; 7(8):e2335.
10. Ahmed T, Bhuiyan TR, Zaman K, Sinclair D, **Qadri F.** [Vaccines for preventing enterotoxigenic Escherichia coli \(ETEC\) diarrhoea.](#) Cochrane Database Syst Rev. 2013; 7:CD009029.
11. Saha A, Chowdhury MI, Nazim M, Alam MM, Ahmed T, Hossain MB, Hore SK, Sultana GN, Svennerholm AM, **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 ;31(4):647-52
12. **Qadri F,** Bhuiyan TR, Sack DA, Svennerholm AM. [Immune responses and protection in children in developing countries induced by oral vaccines.](#) Vaccine. 2013; 7;31(3):452-60.
13. **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; 20(1):17-23.
14. Arifuzzaman M, Rashu R, Leung DT, Hosen MI, Bhuiyan TR, Bhuiyan MS, Rahman MA, Khanam F, Saha A, Charles RC, Larocque RC, Weil AA, Clements JD, Holmes RK, Calderwood SB, Harris JB, Ryan ET, **Qadri F.** [Antigen-specific memory T cell responses after vaccination with an oral killed cholera vaccine in Bangladeshi children and comparison with natural cholera.](#) Clin Vaccine Immunol. 2012; 19(8):1304-11.
15. Mohammad Arifuzzaman, Tanvir Ahmed, Mohammad Arif Rahman, Fahima Chowdhury, Rasheduzzaman Rashu, Ashraf I. Khan, Regina C. LaRocque, Jason B. Harris, Taufiqur Rahman Bhuiyan, Edward T. Ryan, Stephen B. Calderwood, **Qadri F.** Individuals with Le(a+b-) Blood Group Have Increased Susceptibility to Symptomatic *Vibrio cholerae* O1 Infection. PLoS Neglected Tropical Disease. 2011, 5(12): e1413,
16. Saha A, Chowdhury MI, Khanam F, Bhuiyan MS, Chowdhury F, Khan AI, Khan IA, Clemens J, Ali M, Cravioto A, **Qadri F.** Safety and immunogenicity study of a killed bivalent (O1 and O139) whole-cell oral cholera vaccine Shanchol, in Bangladeshi adults and children as young as 1 year of age. Vaccine 2011;29(46): 8252-8292
17. Chowdhury F, Rahman MA, Begum YA, Khan AI, Faruque AS, Saha NC, Baby NI, Malek MA, Kumar AR, Svennerholm AM, Pietroni M, Cravioto A, Qadri F. [Impact of rapid urbanization on the rates of infection by Vibrio cholerae O1 and](#)

[enterotoxigenic Escherichia coli in Dhaka, Bangladesh.](#) PLoS Negl Trop Dis. 2011; 5;5(4):e999. PMID: PMC3071362

18. Alam MM, Riyadh MA, Fatema K, Rahman MA, Akhtar N, Ahmed T, Chowdhury MI, Chowdhury F, Calderwood SB, Harris JB, Ryan ET, Qadri F., [Antigen-specific memory B-cell responses in Bangladeshi adults after one- or two-dose oral killed cholera vaccination and comparison with responses in patients with naturally acquired cholera.](#) Clin Vaccine Immunol. 2011;18(5):844-50. PMID: PMC3122537
19. Uddin T, Harris JB, Bhuiyan TR, Shirin T, Uddin MI, Khan AI, Chowdhury F, Larocque RC, Alam MN, Ryan ET, Calderwood SB, **Qadri F.** [Mucosal immunologic responses in cholera patients in Bangladesh.](#) Clin Vaccine Immunol. 2011; 18(3):506-12. PMID: PMC3067383
20. Matsuda F, Chowdhury MI, Saha A, Asahara T, Nomoto K, Tarique AA, Ahmed T, Nishibuchi M, Cravioto A, **Qadri F.** Evaluation of a probiotics, Bifidobacterium breve BBG-01, for enhancement of immunogenicity of an oral inactivated cholera vaccine and safety: A randomized, double-blind, placebo-controlled trial in Bangladeshi children under 5 years of age. Vaccine. 2011; 24;29(10):1855-8.
21. Larson CP, Nasrin D, Saha A, Chowdhury MI, **Qadri F.** The added benefit of zinc supplementation after zinc treatment of acute childhood diarrhoea: a randomized, double-blind field trial. Trop Med Int Health. 2010;15(6):754-61.
22. Sheikh A, Shamsuzzaman S, Ahmad SM, Nasrin D, Nahar S, Alam MM, Al Tarique A, Begum YA, Qadri SS, Chowdhury MI, Saha A, Larson CP, **Qadri F.** Zinc influences innate immune responses in children with enterotoxigenic Escherichia coli-induced diarrhea. J Nutr. 2010;140(5):1049-56.
23. Chowdhury F, Begum YA, Alam MM, Khan AI, Ahmed T, Bhuiyan MS, Harris JB, Larocque RC, Faruque AS, Endtz H, Ryan ET, Cravioto A, Svennerholm AM, Calderwood SB, **Qadri F.** Concomitant Enterotoxigenic E. coli Infection Induces Increased Immune Responses to Vibrio cholerae O1 Antigens in Patients with Cholera in Bangladesh. Infect Immun. 2010;78(5):2117-24. PMID: PMC2863502
24. Begum YA, Chakraborty S, Chowdhury A, Ghosh AN, Nair GB, Sack RB, Svennerholm AM, **Qadri F.** Isolation of a bacteriophage specific for CS7-expressing strains of enterotoxigenic Escherichia coli. J Med Microbiol. 2010; 59(Pt 3):266-72.
25. Khan AI, Chowdhury F, Harris JB, Larocque RC, Faruque AS, Ryan ET, Calderwood SB, **Qadri F.** Comparison of clinical features and immunological parameters of patients with dehydrating diarrhoea infected with Inaba or Ogawa serotypes of Vibrio cholerae O1. Scand J Infect Dis. 2010;42(1):48-56.
26. Sheikh A, Bhuiyan MS, Khanam F, Chowdhury F, Saha A, Ahmed D, Jamil KM, LaRocque RC, Harris JB, Ahmad MM, Charles R, Brooks WA, Calderwood SB, Cravioto A, Ryan ET, **Qadri F.** Salmonella enterica serovar Typhi-specific immunoglobulin A antibody responses in plasma and antibody in lymphocyte supernatant specimens in Bangladeshi patients with suspected typhoid fever. Clin Vaccine Immunol. 2009; 16(11):1587-94. PMID: PMC2772369

27. Bhuiyan TR, Lundin SB, Khan AI, Lundgren A, Harris JB, Calderwood SB, **Qadri** Cholera caused by *Vibrio cholerae* O1 induces T-cell responses in the circulation. *Infect Immun.* 2009; 77(5):1888-93. PMID: PMC2681774
28. Ahmed T, Svennerholm AM, Al Tarique A, Sultana GN, **Qadri F.** Enhanced immunogenicity of an oral inactivated cholera vaccine in infants in Bangladesh obtained by zinc supplementation and by temporary withholding breast-feeding. *Vaccine.* 2009; 27(9):1433-9.
29. Shamsuzzaman S, Ahmed T, Mannoor K, Begum YA, Bardhan PK, Sack RB, Sack DA, Svennerholm AM, Holmgren J, **Qadri F.** Robust gut associated vaccine-specific antibody-secreting cell responses are detected at the mucosal surface of Bangladeshi subjects after immunization with an oral killed bivalent *V. cholerae* O1/O139 whole cell cholera vaccine: comparison with other mucosal and systemic responses. *Vaccine.* 2009; 27(9):1386-92.
30. Harris AM, Chowdhury F, Begum YA, Khan AI, Faruque AS, Svennerholm AM, Harris JB, Ryan ET, Cravioto A, Calderwood SB, **Qadri F.** Shifting prevalence of major diarrheal pathogens in patients seeking hospital care during floods in 1998, 2004, and 2007 in Dhaka, Bangladesh. *Am J Trop Med Hyg.* 2008; 79(5):708-14. PMID: PMC2749297
31. Sears CL, Islam S, Saha A, Arjumand M, Alam NH, Faruque AS, Salam MA, Shin J, Hecht D, Weintraub A, Sack RB, Qadri F "Association of enterotoxigenic *Bacteroides fragilis* infection with inflammatory diarrhea". *Clin Infect Dis.* 2008;47(6):797-803
32. Larson CP, Roy SK, Khan AI, Rahman AS, Qadri F. Zinc treatment to under five children: applications to improve child survival and reduce burden of disease. *J Health Popul Nut.* 2008, 26(3):356-65
33. **Qadri F,** Saha A, Ahmed T, Al Tarique A, Begum YA, Svennerholm A M. Disease burden due to enterotoxigenic *Escherichia coli* in the first 2 years of life in an urban community in Bangladesh. *Infect Immun.* 2007; 75: 3961-8. PMID: PMC1951985
34. **Qadri F,** Chowdhury MI, Faruque SM, Salam MA, Ahmed T, Begum YA, Saha A, Al Tarique A, Seidlein LV, Park E, Killeen KP, Mekalanos JJ, Clemens JD, Sack DA; the PXV Study Group. Peru-15, a live attenuated oral cholera vaccine, is safe and immunogenic in Bangladeshi toddlers and infants. *Vaccine.* 2007; 25:231-8.
35. Begum YA, Talukder KA, Nair GB, Khan SI, Svennerholm AM, Sack RB, **Qadri F.** Comparison of enterotoxigenic *Escherichia coli* isolated from surface water and diarrhoeal stool samples in Bangladesh. *Can J Microbiol.* 2007; 53:19-26.
36. Ansaruzzaman M, Bhuiyan NA, Begum YA, Kuhn I, Nair GB, Sack DA, Svennerholm AM, **Qadri F.** Characterization of enterotoxigenic *Escherichia coli* from diarrhoeal patients in Bangladesh using phenotyping and genetic profiling. *J Med Microbiol.* 2007; 56:217-22.

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38. Islam MS, Hasan MK, Miah MA, **Qadri F**, Yunus M, Sack RB, Albert MJ. Isolation of *Vibrio cholerae* O139 Bengal from water in Bangladesh. *Lancet*. 1993;342(8868):430.
39. Harris JB, LaRocque RC, **Qadri F**, Ryan ET, Calderwood SB. Cholera. *Lancet*. 2012; 30; 379(9835):2466-76.
40. Sheikh A, Charles RC, Sharmeen N, Rollins SM, Harris JB, Bhuiyan MS, Arifuzzaman M, Khanam F, Bukka A, Kalsy A, Porwollik S, Leung DT, Brooks WA, Larocque RC, Hohmann EL, Cravioto A, Logvinenko T, Calderwood SB, McClelland M, Graham JE, **Qadri F**, Ryan ET. In Vivo Expression of *Salmonella enterica* Serotype Typhi Genes in the Blood of Patients with Typhoid Fever in Bangladesh. *PLoS Negl Trop Dis*. 2011; 5(12):e1428. PMID: PMC3236720

## Dr Md. Kaiissar Mannoor

### Malarial infections

1. Li C, Mannoor K (Co-first author), Inafuku M, Taniguchi T, Inamine Y, Miyazaki T, Watanabe H (2013). Protective function of an unconventional  $\gamma\delta$  T cell subset against malaria infection in apoptosis inhibitor deficient mice. *Cell Immunol*. 279(2):151-159.
2. Mannoor K, Li C, Inafuku M, Taniguchi T, Abo T, Sato Y, Watanabe H (2013). Induction of ssDNA-binding autoantibody secreting B cell immunity during murine malaria infection is a critical part of the protective immune responses. *Immunobiology*, 218(1):10-20.
3. Toma H, Hatabu T, Vanisaveth V, Mannoor MK, Watanabe H, Li C, Kobayashi J, Phompida S, Kano S, Sato Y (2011). Efficacy of mefloquine treatment and genetic profiles in uncomplicated *Plasmodium falciparum* malaria in southern Lao PDR. *Southeast Asian J Trop Med Public Health* 42(4):759-763.
4. Ariyasinghe A, Morshed SRM, Mannoor M K, Bakir H Y, Kawamura H, Miyaji C, Nagura T, Kawamura T, Watanabe H, Sekikawa H, and Abo T (2006) Protection against malaria due to innate immunity enhanced by low-protein diet. *Journal of Parasitology*. 92 (3):531-538.
5. Halder R C, Abe T, Mannoor M K, Morshed SRM, Ariyasinghe A, Watanabe H, Kawamura H, Sekikawa H, Hamada H, Nishiyama Y, Ishikawa H, Toba K, and Abo T (2003) Onset of hepatic erythropoiesis after malarial infection in mice. *Parasitology International*. 52(4):259-268. ( Sciverse Science Direct selected this article as one of the top 25 hottest articles in the microbiology and immunology category in 2004 and 2005)

6. Mannoor M K, Halder R C, Morshed S R M, Ariyasinghe A, Bakir H Y, Kawamura H, Watanabe H, Sekikawa H, and Abo T (2002) Essential role of extrathymic T cells in protection against malaria. *The Journal of Immunology*. 169(1):301-306.
7. Morshed SRM, Mannoor K, Halder RC, Kawamura H, Bannai M, Sekikawa H, Watanabe H, and Abo T (2002) Tissue-specific expansion of NKT and CD5+B cells at the onset of autoimmune disease in (NZBxNZW)F1 mice. *European Journal of Immunology*. 32(9): 2551-2561.
8. Weerasinghe A, Sekikawa H, Watanabe H, Mannoor M. K, Morshed S R M, Halder R C, Kawamura H, Seki S and Abo T (2001) Association of intermediate T cell receptor cells, mainly their NK1.1- subset, with protection from malaria. *Cellular Immunology*. 207(1):28-35.
9. Mannoor M K, Weerasinghe A, Halder R C, Morshed S R M, Ariyasinghe A, Watanabe H, Sekikawa H and Abo T (2001) Resistance to malarial infection is achieved by the cooperation of NK1.1+ and NK1.1- subsets of intermediate TCR cells which are constituents of innate immunity. *Cellular Immunology*. 211(2):96-104.
10. Mannoor M K, Vanisaveth V, Keokhamphavanh B, Toma H, Watanabe H, Kobayashi J, Hatabu T, Taguchi N, Hongvangthong B, Phetsouvanh R, Phompida S, Kano S, and Sato Y (2005) Pyrimethamine-Sulfadoxine treatment of uncomplicated *Plasmodium falciparum* malaria in Lao PDR. *Southeast Asian Journal of Tropical Medicine and Public Health*. 36 (5):1092-1095.
11. Hatabu T, Vanisaveth V, Taguchi N, Kobayashi J, Mannoor M K, Watanabe H, Toma H, Phompida S, and Kano S (2005) A pilot field survey on the in vitro drug susceptibility of *Plasmodium falciparum* in Lao PDR. *Tropical Medicine and Health*. 33(2):103-104.
12. Watanabe H, Weerasinghe A, Miyaji C, Sekikawa H, Toyabe S, Mannor M K, Morshed SRM, Halder RC, Kobayashi J, Toma H, Sato Y, Iwai K, Matsuoka H, and Abo T (2003) Expansion of unconventional T cells with natural killer markers in malaria patients. *Parasitology International*. 52(1):61-70.

## Diarrheal diseases

1. Shamsuzzaman S, Ahmed T, Mannoor K, Begum YA, Bardhan PK, Sack RB, Sack DA, Svennerholm AM, Holmgren J, Qadri F (2009). Robust gut associated vaccine-specific antibody-secreting cell responses are detected at the mucosal surface of Bangladeshi subjects after immunization with an oral killed bivalent *V. cholerae* O1/O139 whole cell cholera vaccine: comparison with other mucosal and systemic responses. *Vaccine* 27(9):1386-1392.
2. Halder R C, Watanabe H, Kameyama H, Mannoor M K, Morshed S R M, Ariyasinghe A, and Abo T (2001) Activation of extrathymic T cells and granulocytes in the liver and intestine by intraperitoneal administration of cholera toxin. *Biomedical Research*. 22(3):137-146

3. Qadri F, Makela P H, Holmgren J, Albert M J, Mannoor K, Kantele A, Saha D, Salam M A, and Kantele J M (1998) Enteric infections in an endemic area induce a circulating antibody-secreting cell response with homing potentials to both mucosal and systemic tissues. *The Journal of Infectious Diseases*. 177(6):1594-1599.
4. Qadri F, Wenneras C, Albert M J, Hossain J, Mannoor K, Begum Y A, Mohi G, Salam M A, Sack R B, and Svennerholm A-M (1997) Comparison of immune responses in patients infected with *Vibrio cholerae* O139 and O1. *Infection and Immunity*. 65(9):3571-3576.

## Autoimmunity

1. Mannoor K, Xu Y, Chen C (2012). Natural Autoantibodies and Associated B Cells in Immunity and Autoimmunity. *Autoimmunity*, 46(2):138-147.
2. Mannoor K, Matejuk A, Xu Y, Beardall M, Chen C (2012). Expression of Natural Autoantibodies in MRL-lpr Mice Protects from Lupus Nephritis and Improves Survival. *J Immunol.*: 188(8):3628-3638. This article was nominated for research highlight in *Nature Reviews Immunology* (12, 232, 2012; doi:10.1038/nri3027).
3. Mannoor M K, Shimabukuro I, Tsukamoto M, Watanabe H, Yamaguchi K, and Sato Y (2009) Honey bee royal jelly inhibits autoimmunity in SLE-prone NZB x NZW F1 mice. *Lupus* 18(1): 44-52. (This article was nominated for research highlight in *Nature Reviews Rheumatology* (5, 178, 2009, doi:10.1038/nrrheum.2009.44). (Also, the abstract of this article was circulated in *Antitherapy News-The Internet's Best Source of Information About the Medicinal Use of Bee Products*.)
4. Morshed SRM, Mannoor K, Halder RC, Kawamura H, Bannai M, Sekikawa H, Watanabe H, and Abo T (2002) Tissue-specific expansion of NKT and CD5+B cells at the onset of autoimmune disease in (NZBxNZW)F1 mice. *European Journal of Immunology*. 32(9): 2551-2561.

## Cancer

1. Gao L, Ma J, Mannoor K, Guarnera MA, Shetty A, Zhan M, Xing L, Stass SA, Jiang F. (2014). Genome-wide small nucleolar RNA expression analysis of lung cancer by next-generation deep sequencing. *Int J Cancer*. doi: 10.1002/ijc.29169.
2. Yu L, Shen J, Mannoor K, Guarnera M, Jiang F. Identification of ENO1 As a Potential Sputum Biomarker for Early-Stage Lung Cancer by Shotgun Proteomics (2014). *Clin Lung Cancer*. 2014 Jun 3. pii: S1525-7304(14)00110-7. doi: 10.1016/j.clcc.2014.05.003. [Epub ahead of print]
3. Mannoor K, Shen J, Liao J, Liu Z, Jiang F. Small nucleolar RNA signatures of lung tumor-initiating cells. *Mol Cancer*. 2014 May 6;13:104. doi: 10.1186/1476-4598-13-104.
4. Ma J, Mannoor K, Gao L, Tan A, Guarnera MA, Zhan M, Shetty A, Stass SA, Xing L, Jiang F. Characterization of microRNA transcriptome in lung cancer by next-generation deep sequencing. *Mol Oncol*. 2014 Apr 15. pii: S1574-7891(14)00067-2. doi: 10.1016/j.molonc.2014.03.019..

5. Wang J, Tian X, Han R, Zhang X, Wang X, Shen H, Xue L, Liu, Y, Yan X, Shen J, Mannoor K, Deepak J, Donahue JM, Stass SA, Xing L, Jiang F (2014). Downregulation of miR486-5p contributes to tumor progression and metastasis by targeting profunorigenic ARHGAP5 in lung cancer. *Oncogene*, 33(9):1181-9
6. Mannoor K, Liao J, Jiang F (2012). Small nucleolar RNAs in cancer. *Biochim Biophys Acta.*; 1826(1):121-128.
7. Yu L, Slovak ML, Mannoor K, Chen C, Hunger SP, Carroll AJ, Schultz RA, Shaffer LG, Ballif BC, Ning Y (2011). Microarray detection of multiple recurring submicroscopic chromosomal aberrations in pediatric T-cell acute lymphoblastic leukemia. *Leukemia*. 25(6):1042-1046.

## Miscellaneous

1. Changchun Li, Mannoor Kaiissar, Nami Toma, Yuba Inamine, Kouichi Suzuki, Masashi Inafuku, Tomoyo Taniguchi, Yoshiya Sato and Hisami watanabe (2011). The efficacy of Royal Jelly in the restoration of alcoholic injury of liver. *Biomedical Research-India* 2011; 22 (1): 1-8.
  2. Mannoor M K, Tsukamoto M, Shimabukuro I, Watanabe H, Yamaguchi K, and Sato Y (2008) The efficacy of royal jelly in the restoration of stress-induced disturbance of lymphocytes and granulocytes. *Biochemical Research-India*. 19 (2): 69-77.
  3. Halder R C, Kawamura T, Bannai M, Watanabe H, Kawamura H, Mannoor M K, Morshed S R M and Abo T (2001) Intensive generation of NK1.1- extrathymic T cells in the liver by injection of bone marrow cells isolated from mice with a mutation of polymorphic major histocompatibility antigens. *Immunology*. 102(4):450-459.
  4. Morshed S R Md, Kawamura T, Mannoor M. K., Halder R C, and Abo T (1999) Negative regulation of activated granulocytes in number and function by lactoferrin. *Biomedical Research-Tokyo* 20(4):205-21
- Abstracts submitted recently for publication

## Abstracts recently submitted for publication

(1) Abstract title: Introducing the burden of acute respiratory and enteric infections among under five children: Bangladesh perspective

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