

CURRICULUM VITAE OF

Professor Dr Shyamal Kumar Paul, Ph D (Japan), MPhil, MBBS
Principal, Netrokona Medical College
Professor and Head of Microbiology

PERSONAL

Name : **Professor Dr. Shyamal Kumar Paul.**
Father's Name : Jitendra Chandra Paul.
Date and Place of birth : Feb 10,1963, Mymensingh, Bangladesh

Mailing address : Principal & Professor of Micrology
Netrokona Medical College and in addition
Laboratory in charge Coronavirus, Mymensingh
Medical College,
Netrokona 2400, Bangladesh
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Mobile-88-01711165314

Nationality : Bangladeshi

Marital status : Married

EDUCATIONAL QUALIFICATIONS

Examination	Year of passing / obtaining	Institute	Board / University	Result
Ph D (Japan)	2009	Sapporo Medical University, School of Medicine, Sapporo, Japan	Sapporo Medical University, Japan	Passed
M Phil (Micro)	2003	Bangabandhu Sheikh Mujib Medical University, Dhaka	B S M M U Dhaka	Passed
MBBS	1988	Sher-e-Bangla Medical College	Dhaka University	Passed

PROFESSIONAL EXPERIENCE (Foreign Countries)

Fellowship:

- JSPS's RONPAKU (Dissertation PhD) Fellowship
Institute: Sapporo Medical University, School of Medicine, Sapporo, Japan Sponsored by Japan Society for the Promotion of Science (JSPS) Tokyo, Japan Commonwealth Scholarship Commission in the United Kingdom.
Date: For JFY 2005 to 2008 (April 2005 to March 2009)

CURRICULUM VITAE

OF

Professor Dr Shyamal Kumar Paul MBBS M Phil Ph D

Short course/Training / Symposium abroad

- Oral presentation entitled “Phylogenetic analysis of predominant G2, emerging G9 and G12 rotaviruses from children and adults in Bangladesh” at **42nd joint working conference on viral diseases of the Japan-United States Cooperative International Scientific programme at Nagasaki University Medical School,, Japan on -May-26th-28th -2008.**
- Seminar and consultative meeting in Tokyo University Japan on **The Japanese technical cooperation project for “Research and development of prevention and diagnosis for neglected tropical diseases especially for kala azar” under science and technology research partnership for sustainable development. (SATREPS) from 2012 to 2015.**

Training/ Symposium /Seminar at home

Training on Teaching Methodology and Assessment System
Institute: Medical Education Unit, Mymensingh, Bangladesh
Date: June 16, 2003 to June 26, 2003

Training course on Research Methodology
Institute: Bangladesh Medical Research Council (BMRC), Dhaka, Bangladesh
Date: August 10th-16th 2004

Training on Computer Fundamentals and MS Office 2000
Institute: APTECH Computer Education, New Jersey, USA, Mymensingh, Bangladesh Center
Date: October 21, 2003

Workshop on Teaching Methodology and Assessment System
Institute: Medical Education Unit, Mymensingh, Bangladesh
Date: June 29, 2005 to June 30, 2005

Training on Educational Sciences and Teaching Methodology
Institute: Center for Medical Education, Dhaka, Bangladesh
Date: April 2nd-6th, 2006

Training of Trainers workshop on Clinical Diagnosis and Management of Influenza/H5N1 cases
Place: Institute of Epidemiology Disease Control and Research (IEDCR) Bangladesh
Sponsor: World Health Organization (WHO)
Date: Aug 10th -13th, 2009

Training course on Medical Ethics review
Institute: Bangladesh Medical Research Council (BMRC), Dhaka, Bangladesh
Date: August 10th-13th 2010

MEDICAL LICENSURE

Institute: Bangladesh Medical & Dental Council, Dhaka, Bangladesh.
Registration number: A -18024

CURRICULUM VITAE
OF
Professor Dr Shyamal Kumar Paul MBBS M Phil Ph D

PROFESSIONAL (TEACHING) EXPERIENCE (In country)

PRESENT POSITION OR ACADEMIC RANK

Principal and Professor of Microbiology
Netrokona Medical College
Netrokona – 2400
Bangladesh

PREVIOUS TEACHING/ PROFESSIONAL POSITIONS AND APPOINTMENTS

At home

- Professor of Microbiology May. 09 2018 to January 12, 2020 Mymensingh Medical College
- Associate Professor of Microbiology (Regular) November 18, 2013 to May 09, 2018...
- Associate Professor of Microbiology (current-charge) September 01, 2012 to November 17, 2013.
- Assistant Professor of Microbiology (Regular) November 01, 2011 to August 31, 2012
- Assistant Professor of Microbiology (current-charge) September 19, 2010 to November 1, 2011
- Lecturer of Microbiology February 06, 2003 to September 19, 2010
- M Phil (virology) course in BSMMU from August 02, 2000 to February 05, 2003.
- Lecturer of Pharmacology February 15, 1999 to August 01, 2000.
- Medical Officer (Health & Family Planning) December 11, 1991 to February 14, 1999.

TEACHING ACTIVITIES-HOSPITAL OR OFFICE-BASED

Medical School:

Courses taught:

- Medical Microbiology & Immunology for MBBS course from 2003 through 2017
- Medical Microbiology & Immunology for MD, MS, M Phil and Diploma courses, from 2004 through 2020

Co-Supervisor of Post graduate (M Phil/MD Residency) Thesis works:

- Screening of Methicillin Resistant *Staphylococcus aureus* (MRSA) by Latex agglutination with coagulase typing, antibiotic and antiseptic resistance by **Dr. Md. Abul Hossain Khan** Ahmed as a part of M Phil Microbiology course during 2004- 2005 under Dhaka University...

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- Genotypic detection of *mecA* gene by PCR and Phenotypic detection of enterotoxin, toxic shock syndrome toxin-1 by reverse passive Latex agglutination of Methicillin Resistant *Staphylococcus aureus* (MRSA) by **Dr. Nahida Akhter Zahan** as a part of M Phil Microbiology course during 2006- 2007 under Dhaka University.
- Rapid and easier approach for the diagnosis of Tuberculosis in a hyperendemic area of a developing country by **Dr. Mohammad Tariqul Islam**, during 2007- 2008 under Dhaka University.
- Seroepidemiological study of human brucellosis among the population at risk in Bangladesh. by **Dr. Noor Muhammad** as a part of M Phil Microbiology course during 2007- 2008 under Dhaka University.
- Evaluation of rapid slide culture techniques for the diagnosis of Pulmonary tuberculosis by **Dr. Shafikul Islam khan** as a part of M Phil Microbiology course during 2008- 2009 under Dhaka University.
- Etiological agents of acute diarrhea in hospitalized under five children with special emphasis on Norovirus by **Dr. Abul Kalam** during the session 2008- 2009
- Efficacy of Polymerase Chain reaction for Rapid Diagnosis of Pulmonary Tuberculosis from Sputum **Dr. Mohammad Mahmudul Hasan** 2010
- Non culture diagnosis of genital *Chlamydia trachomatis* infection in pregnant women by **Dr. Nasir Uddin** 2010
- Molecular diagnosis (PCR) of Kala-Azar and PKDL Patients in Clinical Samples by **Dr. Anjuman Nasreen** 2011
- Detection of drug resistance pattern of *Mycobacterium tuberculosis* by rapid slide drug susceptibility testing in liquid sula medium and identification of mutations of resistance strains by PCR based DNA sequencing by **Dr. Md. Saiful Hasan** 2011
- Diagnosis of visceral leishmaniasis from buffy coat by PCR br **Dr Risdina Mirza** 2011
- Diagnosis of coagulase negative staphylococcus by different biochemical methods and molecular technique by **Dr Arifur Rahman** 2011
- Diagnosis of genital chlamydia tracomatis by antigen detection and molecular method by **Dr Emily Rahman Khan** 2011
- Detection of different diarrhogenic E coli by PCR by **Dr Rashidul Islam** 2012
- Diagnosi of ESBL by different phenotypic methods and detection of TEM, SHV and CTX MMCH by PCR by **Dr Taslima Yasmin** 2012
- Diagnosis of typhoid fever by conventional laboratory methods including blood culture and compare with molecular method by **Dr Safia Sultana** 2012
- Diagnosis of genital Chlamydia tracomatis by immunological method and PCR including genotyping by sequencing by **Dr Sayada Monira Islam**
- Isolation of Campylobactor jejuni by conventional laboratory method and identification by PCR by **Dr Santana Sarker**.
- Diagnosis of bacterial meningitis by isolation in different culture media and comparison with molecular technique by **Dr Umme Habiba**

Supervisor of Post graduate Thesis works (M Phli / MD Residency) Thesis works::

- **Detection of Group A and Group B Rotavirus from stool specimen by By Dr Samsounnahar Joly**

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- **Detection of Rickettsia felis first time in Bangladesh by Dr Faria Ferdous**
- **Detection of Rickettsia felis from Cat, Cat flea and human and establishment of transmission by Dr Rajib Ahmed.**
- **Identification and isolation of R. felis from whole Bangladesh by Dr Nusrat Ferdous Chowdhury 2017**
- **Identification and genetic characterization of Group A Rotavirus from Stool by Dr Abida Naznin 2017**
- **Detection of Uropathogenic bacteria by molecular technique by Dr Mahbuba Sultana 2017.**
- **Detection of Human Papilloma virus from cervical swab in cancer and pre cancerous individual by Dr Shahida Abedin 2018.**
- **Detection of Acinetobacter spp with their drug resistance pattern with identification of drug resistance genes by Dr Iffar Ara.2018**
- **Identification and Molecular Characterization of Chikungunya virus circulating in Dhaka city by Dr Aunna Melan 2018**
- **Diagnosis of Pseudomonas infection from CSOM patients with their antibiotic resistance genes by Dr Chand Sultana Chowdhury.2018**
- **Molecular Characterization of O tsutsugamusi circulating in Mymensingh region by Dr Abu Mayeenuddin Al Amin in 2019.**
- **Identification and Molecular Characterization of Leptospira spp in Bangladesh by Dr M A Aziz in 2019.**
- **Diagnosis of Bacterial Vaginosis with relation to Human Papilloma virus by Dr Anindita Paul 2019.**
- **Molecular Characterization of Human Group A Rotavirus with their genotyping and identification of reemergence of genotype by Dr Rumana Mazid in 2019.**
- **Diagnosis of Human Brucellosis by serological and genetic method by Dr Mahabubul Alam in 2019.**
- **Outbreak of Dengue virus in Dhaka in 2018 with genetic characterization by Dr Fahim Uddin Ahmed in 2019.**
- **Identification and drug resistant pattern of Salmonella spp by phenotypic and genetic method by Dr Jobyda Khanam in 2020.**
- **Molecular characterization and detection of drug resistance and virulence genes of Acinetobacter spp Dr Hosne Ara in 2020.**
- **Identification and Molecular characterization of O tsutsugamusi with coinfection of R. felis by Dr Sultana Shahana Nila in 2020.**
- **Identification and species determination of Leptospira spp by genetic method by Dr Sumiya Rahman in 2020.**
- **Dengue outbreak in Bangladesh in 2019 a nationwide study by Dr Snigdha Rahman Titir in 2021.**
- **Isolation and Molecular characterization of K pneumoniae from clinical isolates by Dr Nabeela Nisha in 2021.**
- **Identification and Molecular characterization of Proteus spp from clinical specimens by Dr in 2021.**
- **Molecular Characterization of Spike protein from SARS COV 2 circulating in all the divisions of Bangladesh by Dr Sultana Zahura Afrin in 2021.**

Supervisor of Doctoral Thesis works completed or ongoing (Ph D) ::

CURRICULUM VITAE

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Professor Dr Shyamal Kumar Paul MBBS M Phil Ph D

- **Molecular characterization of Gram Negative bacteria specially E coli and K pneumonia from different clinical specimens in Bangladesh by Dr Emily Rahman Khan in 2018 in Collaboration with Sapporo Medical University, Japan.**
- **Genetic analysis and extensive molecular characterization of S aureus from Skin and Softtissue infection in Bangladesh by Dr Nazia Haque in 2019 in Collaboration with Sapporo Medical University, Japan**
- **Newer method for identification of L donovani with the vector research by Dr Santana Sarkar erom 2016 and is going on in Collaboration with University of Tokyo, Japan.**
- **Drug Resistance Determinants in Clinical Isolates of (Enterococcus faecalis) in Bangladesh: Identification of Oxazolidinone Resistance Gene optrA in ST59 and ST902 Lineages by Dr Sangjukta Roy from 2018 and is going on in collaboration with Sapporo Medical University, Japan.**

RESEARCH EXPERIENCE:

FIELD OF RESEARCH ACTIVITIES:

Broad area – Microbiology

Special area – Bacteriology, Virology, Parasitology,, Immunology with special emphasis on Molecular biology

ON GOING RESEARCH PROJECTS-

- Molecular characterization of MRSA
- Molecular Characterization of SARS COV 2 spike protein.
- Molecular epidemiology of Rotavirus
- Molecular characterization of ESBLA
- Genetic identification of Acenatobactor spp with AMR pattern
- Identification of pseudomonus with detection of antiseptic resistance genes.

EDITORIAL ACTIVITIES

Editor in Chief of Mymensingh Medical Journal. NLM ID: 9601799. Date: 2019 to 2020

- **Managing Editor** of Mymensingh Medical Journal. NLM ID: 9601799. Date: 2015 to 2019..
- **Peer reviewer** of Medical Journals other than Mymensingh Medical Journal. Date: December 2004 through till date
- **Peer reviewer** of research protocols of Infection Geneics and t Evolution from 2011 to till date.
- **Peer reviewer** of research protocols of Journal of Infectious Disease from 2010 to till date.

List of Publications

CURRICULUM VITAE

OF

Professor Dr Shyamal Kumar Paul MBBS M Phil Ph D

A. Medical text book chapters - 02

1 Kala Azar in South Asia current status and challenges ahead Edited By E Noiri and T K Jha. Chapter 1 Pathology and Mechanism of Disease in Kalaazar. **Shyamal Paul**, Monira Parvin. Springer International Publishing 2017..

2. Assessment on Medical Microbiology 1st edition, Aanisha publication, Mymensingh.

B. Articles

Total Number : 108

First Author : 08 (International 02)

Co-author : 100 (International 43)

1. Detection and genetic characterization of PVL-positive ST8-MRSA-IVa and exfoliative toxin D-positive European CA-MRSA-Like ST1931 (CC80) MRSA-IVa strains in Bangladesh. **Paul SK**, Ghosh S, Kawaguchiya M, Urushibara N, Hossain MA, Ahmed S, Mahmud C, Jilani MS, Haq JA, Ahmed AA, Kobayashi N. Microb Drug Resist. 2014 Aug;20(4):325-36. doi: 10.1089/mdr.2013.0153. Epub 2014 Feb 19.

2. Phylogenetic analysis of rotaviruses with genotypes G1, G2, G9 and G12 in Bangladesh: evidence for a close relationship between rotaviruses from children and adults. **Paul SK**, Kobayashi N, Nagashima S, Ishino M, Watanabe S, Alam MM, Ahmed MU, Hossain MA, Naik TN. Arch Virol. 2008;153(11):1999-2012. doi: 10.1007/s00705-008-0212-9. Epub 2008 Oct 7. 73.

3. Instability of human rotavirus G genotypes circulating in a rural area of Bangladesh. **Paul SK**, Hossain MA, Mahmud MC, Ahmed S, Hossain MA, Nandi AK, Tabassum S. Mymensingh Med J. 2011 Jan;20(1):1-8.

4. Molecular characterization of group A human rotavirus among hospitalized children and adults in Bangladesh: finding of emerging G12 strain. **Paul SK**, Ahmed MU, Hossain MA, Mahmud MC, Bhuiyan MR, Saha SK, Tabassum S. Mymensingh Med J. 2010 Jan;19(1):16-26.

5. Prevalence of VP7 and VP4 genotypes of human group A rotavirus in infants and children with acute diarrhea in a northern city of Bangladesh. **Paul SK**, Hossain MA, Ahmed MU, Alam MM, Musa AK, Shamsuzzaman AK, Islam MN, Saha SK. Mymensingh Med J. 2009 Jul;18(2):190-7.

6. Electrophoretic patterns of human rotavirus strains prevailing among hospitalized children with acute gastroenteritis. **Paul SK**, Ahmed MU, Tabassum S, Alam MM, Islam MN. Mymensingh Med J. 2006 Jan;15(1):49-54.

7. Diagnosis of human rotavirus in stool specimens: comparison of different methods. **Paul SK**, Tabassum S, Islam MN, Ahmed MU, Haq JU, Shamsuzzaman AK. Mymensingh Med J. 2006 Jul;15(2):183-7.

8. Drug Resistance and Molecular Epidemiology of Aerobic Bacteria Isolated from Puerperal Infections in Bangladesh. Ahmed S, Kawaguchiya M, Ghosh S, **Paul SK**, Urushibara N, Mahmud C, Nahar K, Hossain MA, Kobayashi N. Microb Drug Resist. 2015 Jan 2. [Epub ahead of print]

9. In vitro assessment of antibacterial effect of garlic (allium sativum) extracts on pseudomonas aeruginosa. Saha SK, Saha S, Hossain MA, **Paul SK**. Mymensingh Med J. 2015 Apr;24(2):222-32.

10. Rickettsia felis Infection among Humans, Bangladesh, 2012-2013. Ferdouse F, Hossain MA, **Paul SK**, Ahmed S, Mahmud MC, Ahmed R, Haque AK, Khan MN, Ghosh S, Urushibara N, Kobayashi N. Emerg Infect Dis. 2015 Aug;21(8):1483-5.

11. Rotavirus is Predominant Enteropathogen in Acute Childhood Diarrhea in Mymensingh. Sarkar SR, Hossain MA, **Paul SK**, Ray NC, Monwar S. Mymensingh Med J. 2015 Oct;24(4):665-70.

12. Pattern of Dermatophytes in Patients Attend in Mymensingh Medical College Hospital. Monwar S, Hossain MA, Mahmud MC, **Paul SK**, Nasreen SA, Joly SN, Begum H, Abdullah SA, Haque N, Sarkar SR. Mymensingh Med J. 2015 Oct;24(4):684-90.

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13. Molecular Detection of Rickettsia felis in Humans, Cats, and Cat Fleas in Bangladesh, 2013-2014. Ahmed R, **Paul SK**, Hossain MA, Ahmed S, Mahmud MC, Nasreen SA, Ferdouse F, Sharmi RH, Ahamed F, Ghosh S, Urushibara N, Aung MS, Kobayashi N. Vector Borne Zoonotic Dis. 2016 May;16(5):356-8.
14. Anti-Bacterial effect of Aqueous Garlic Extract (AGE) determined by Disc Diffusion Method against Escherichia coli. Saha S, Saha SK, Hossain MA, **Paul SK**, Gomes RR, Imtiaz M, Islam MM, Nahar H, Begum SA, Mirza TT. Mymensingh Med J. 2016 Jan;25(1):23-6.
155. Antimicrobial Susceptibility Pattern of Methicillin-Resistance Staphylococcus aureus from Different Tertiary Care Hospitals Including Mymensingh Medical College Hospital. Roy S, Hossain MA, **Paul SK**, Haque N, Barman TK, Ahmed S, Nasreen SA, Hossain MS, Ahmed F, Biswas P, Nahar F, Begum H, Islam MS. Mymensingh Med J. 2016 Jul;25(3):450-7.
16. Whole genomic analysis of G2P[4] human Rotaviruses in Mymensingh, north-central Bangladesh. Aida S, Nahar S, **Paul SK**, Hossain MA, Kabir MR, Sarkar SR, Ahmed S, Ghosh S, Urushibara N, Kawaguchiya M, Aung MS, Sumi A, Kobayashi N. Heliyon. 2016 Oct 1;2(9):e00168. eCollection 2016 Sep.
17. Distribution of two distinct rotavirus B (RVB) strains in the north-central Bangladesh and evidence for reassortment event among human RVB revealed by whole genomic analysis. Aung MS, Nahar S, Aida S, **Paul SK**, Hossain MA, Ahmed S, Haque N, Ghosh S, Malik YS, Urushibara N, Kawaguchiya M, Sumi A, Kobayashi N. Infect Genet Evol. 2017 Jan;47:77-86
18. Molecular-Characterization of Methicillin-Resistance Staphylococcus aureus (MRSA) from Different Tertiary Care Hospitals in Bangladesh. Roy S, Barman TK, Hossain MA, **Paul SK**, Haque N, Ahmed S, Nasreen SA, Hossain MS, Sarkar SR, Kubayashi N, Laskar N. Mymensingh Med J. 2017 Jan;26(1):37-44.
19. Nationwide prevalence of Rickettsia felis infection in patients with febrile illness in Bangladesh. N F Chowdhury, **S K Paul**, M S Aung, M A Hossain, F Ahamed, S Ahmed, N Haque, S A Nasreen, S I Khan, S M M Rahman, F Ferdouse, R Ahmed, S M Sultan, M U Ahmed, N Urushibara and N Kobayashi. New Microbea New Infections 349. 2017 July: in press.
20. Genetic testing for spinocerebellar ataxias in patients diagnosed as Parkinson's disease in bangladesh. Rahman MS, Sarkar MA, Rahman MF, **Paul SK**, Nagai SY, Uddin MJ, Toda T. Mymensingh Med J. 2015 Jan;24(1):44-51.
21. Genetic analysis of an ADRV-N-like novel rotavirus strain B219 detected in a sporadic case of adult diarrhea in Bangladesh. Alam MM, Kobayashi N, Ishino M, Ahmed MS, Ahmed MU, **Paul SK**, Muzumdar BK, Hussain Z, Wang YH, Naik TN. Arch Virol. 2007 Jan;152(1):199-208. Epub 2006 Aug 11.
22. Emerging Antimicrobial Resistance amongst Common Bacterial Pathogens in Mymensingh Medical College Hospital. AKM Shams:uzzamaq **Shyamal Kumar Paul**, M C Mahmud, AKM Musa, Md Akram Hossain Bangladesh J Med Microbiol 2007;01 (01):04-09
23. Antimicrobial Susceptibility and Coagulase Typing of MRSA strains at Mymensingh Medical College Abul Hossain Khan, r AKM Shams lzzatnan, r **Shyamal Kumar paul**, Md. Murshed Alam, z . Chand Mahmud, r AKM Musa, Md. Akram Hossain, Md Mejbah Uddin Ahmed, : Abdullah Akhtar Ahmed. Bangladesh J Med Microbiol 2007; 01 (02): 56-60
24. Identical rearrangement of NSP3 genes found in three independently isolated virus clones derived from mixed infection and multiple passages of Rotaviruses. Alam MM, Kobayashi N, Ishino M, Nagashima S, **Paul SK**, Chawla-Sarkar M, Krishnan T, Naik TN. Arch Virol. 2008;153(3):555-9. Epub 2007 Dec 19.

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25. Genetic characterization of Staphylococcus aureus isolates carrying Pantone-Valentine leukocidin genes in Bangladesh. Afroz S, Kobayashi N, Nagashima S, Alam MM, Hossain AB, Rahman MA, Islam MR, Lutfor AB, Muazzam N, Khan MA, **Paul SK**, Shamsuzzaman AK, Mahmud MC, Musa AK, Hossain MA. Jpn J Infect Dis. 2008 Sep;61(5):393-6.
26. Whole genomic characterization of a human rotavirus strain B219 belonging to a novel group of the genus Rotavirus. Nagashima S, Kobayashi N, Ishino M, Alam MM, Ahmed MU, **Paul SK**, Ganesh B, Chawla-Sarkar M, Krishnan T, Naik TN, Wang YH. J Med Virol. 2008 Nov;80(11):2023-33. 74.
27. Detection of Different Exotoxins Among the Isolates of Staphylococcus aureus Nahida Akther Zahan, Md. Akram Hossain, AKM Shamsuzzaman, AKM Musa, Md. Chand Mahamud, **Shyamal Kumar Paul**, Salma Ahmed, Asma Azad Sumona, Zohra Begum, Mahabubul Alam, Mohammad Jahidul Islam. Bangladesh J Med Microbiol 2008; 02 (02):3-6.
28. Characterization of full-length VP4 genes of OP354-like P[8] human rotavirus strains detected in Bangladesh representing a novel P[8] subtype Nagashima S, Kobayashi N, **Paul SK**, Alam MM, Chawla-Sarkar M, Krishnan T. Arch Virol. 2009;154(8):1223-31. Epub 2009 Jul 2.
29. PCR for mecA gene of methicillin resistant Staphylococcus aureus. Zahan NA, Hossain MA, Musa AK, Shamsuzzaman AK, Mahamud MC, Mamun AA, **Paul SK**, Ahmed S, Sumona AA, Begum Z, Alam M, Yusuf MA, Uddin MS. Mymensingh Med J. 2009 Jan;18(1):21-6.
30. Rapid screening of MRSA by a newly developed Latex agglutination test. A H Khan, AK M Shamsuzzaman, **S K Paul**, M M Alam, M C Mahmuds, A K M Musau, M A Hossain, M U Ahmed, A Ahmed and S Ahmed. J. Sci. Foundation, 7(1): g9_94, June 2009
31. Complete genome constellation of a caprine group A rotavirus strain reveals common evolution with ruminant and human rotavirus strains. Ghosh S, Alam MM, Ahmed MU, Talukdar RI, **Paul SK**, Kobayashi N. J Gen Virol. 2010 Sep;91(Pt 9):2367-73.. Epub 2010 May 26.
32. Seroprevalence of human brucellosis among the population at risk in rural area. Muhammad N, Hossain MA, Musa AK, Mahmud MC, **Paul SK**, Rahman MA, Haque N, Islam MT, Parvin US, Khan SI, Nasreen SA, Mahmud NU. Mymensingh Med J. 2010 Jan;19(1):1-4
33. Preliminary report on anaerobic culture at Mymensingh Medical College Hospital in Bangladesh. Ahmed S, Hossain MA, Musa AK, Shamsuzzaman AK, Mahmud MC, Nahar K, **Paul SK**, Sumona AA, Begum Z, Zahan NA, Huda SN, Ahmed MU, Khan AH, Kalam A, Haque N, Nasrin SA. Mymensingh Med J. 2010 Jan;19(1):10-5.
34. Identification of P[8]b subtype in OP354-like human rotavirus strains by a modified RT-PCR method. Nagashima S, Kobayashi N, **Paul SK**, Ghosh S, Chawla-Sarkar M, Hossain MA, Krishnan T. Jpn J Infect Dis. 2010 May;63(3):208-11.
35. Identification of staphylocoagulase genotypes I-X and discrimination of type IV and V subtypes by multiplex PCR assay for clinical isolates of Staphylococcus aureus. Hirose M, Kobayashi N, Ghosh S, **Paul SK**, Shen T, Urushibara N, Kawaguchiya M, Shinagawa M, Watanabe N. Jpn J Infect Dis. 2010 Jul;63(4):257-63.
36. Whole-genome characterization of human group C rotaviruses: identification of two lineages in the VP3 gene. Yamamoto D, Ghosh S, Kuzuya M, Wang YH, Zhou X, Chawla-Sarkar M, **Paul SK**, Ishino M, Kobayashi N. J Gen Virol. 2011 Feb;92(Pt 2):361-9.. Epub 2010 Nov 3.
37. Seroprevalence of genital Chlamydia trachomatis infection in women of reproductive age. Mahmud NU, Hossain MA, Nahar K, Mahmud C, **Paul SK**, Ahmed S, Haque N, Kalam A, Parveen US. Mymensingh Med J. 2011 Apr;20(2):187-91.

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38. Full genomic analyses of two human G2P[4] rotavirus strains detected in 2005: identification of a caprine-like VP3 gene. Ghosh S, **Paul SK**, Hossain MA, Alam MM, Ahmed MU, Kobayashi N. *J Gen Virol*. 2011 May;92(Pt 5):1222-7. doi: 10.1099/vir.0.029868-0. Epub 2011 Jan 26.
39. Full genomic analyses of human rotavirus strains possessing the rare P[8]b VP4 subtype. Ghosh S, **Paul SK**, Yamamoto D, Nagashima S, Kobayashi N. *Infect Genet Evol*. 2011 Aug;11(6):1481-6. doi: 10.1016/j.meegid.2011.05.014. Epub 2011 May 27.
40. Molecular diagnosis of genital Chlamydia trachomatis infection by polymerase chain reaction. Khan ER, Hossain MA, **Paul SK**, Mahmud MC, Rahman MM, Alam MA, Hasan MM, Mahmud NU, Nahar K. *Mymensingh Med J*. 2011 Jul;20(3):362-5.
41. Analysis of Staphylococcal cassette chromosome mec in Staphylococcus haemolyticus and Staphylococcus sciuri: identification of a novel ccr gene complex with a newly identified ccrA allotype (ccrA7). Urushibara N, **Paul SK**, Hossain MA, Kawaguchiya M, Kobayashi N. *Microb Drug Resist*. 2011 Jun;17(2):291-7. doi: 10.1089/mdr.2010.0144. Epub 2011 Mar 9.
42. Comparison between ICT and PCR for diagnosis of Chlamydia trachomatis. Khan ER, Hossain MA, **Paul SK**, Mahmud C, Hasan MM, Rahman MM, Nahar K, Kubayashi N. *Mymensingh Med J*. 2012 Apr;21(2):190-4.
43. Species distribution of coagulase negative staphylococci isolated from different clinical specimens. Rahman A, Hossain MA, Mahmud C, **Paul SK**, Sultana S, Haque N, Kabir MR, Kubayashi N. *Mymensingh Med J*. 2012 Apr;21(2):195-9.
44. Non-culture diagnosis of Chlamydia trachomatis genital infection in sexually active women. Mahmud NU, Hossain MA, Nahar K, Ahmed GS, Mahmud C, **Paul SK**, Khan SI, Amin SR, Nasreen SA, Ahmed S, Kabir MR, Hoque N. *Mymensingh Med J*. 2012 Jan;21(1):8-12.
45. Nested polymerase chain reaction for early diagnosis of typhoid fever. Sultana S, Hossain MA, Alam MA, **Paul SK**, Mahmud C, Kabir MR, Haque N, Yesmin T, Kayes MT, Maruf AA, Kobayashi N. *Mymensingh Med J*. 2012 Jan;21(1):21-7.
46. PCR-based detection of Leishmania DNA in skin samples of post kala-azar dermal leishmaniasis patients from an endemic area of Bangladesh. Nasreen SA, Hossain MA, **Paul SK**, Mahmud MC, Ahmed S, Ghosh S, Kobayashi N. *Jpn J Infect Dis*. 2012 Jul;65(4):315-7.
47. Evaluation of PCR with culture for the diagnosis of pulmonary tuberculosis. Hasan MM, Hossain MA, **Paul SK**, Mahmud C, Khan ER, Rahman MM, Rukunuzzaman M, Hasan MS, Kubayashi N. *Mymensingh Med J*. 2012 Jul;21(3):399-403.
48. Multiplex polymerase chain reaction for rapid identification of diarrheagenic Escherichia coli. Kabir MR, Hossain MA, **Paul SK**, Mahmud C, Sultana S, Yesmin T, Haque N, Kobayashi N. *Mymensingh Med J*. 2012 Jul;21(3):404-10.
49. Genital infections by Chlamydia trachomatis-An overview. Hoque S M, Hossain M A, **Paul S K**, Mahmud C4, Hoque N5, Sakib A M. *KYAMC Journal* Vol.3, No.-1, June 2012.
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