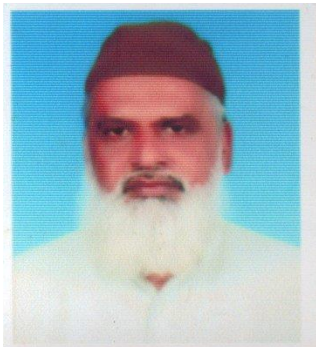


Biography
of
Prof. Dr. Shah Md. Zahurul Haque Asna,

Professor Dr Shah Md. Zahurul Haque Asna passed SSC in 1969 from Pirganj High School, Rangpur; HSC in 1972(exam of 1971) from Carmichael College ,Rangpur; MBBS in 1978 from Rajshahi Medical College, Rajshahi and M.Phil (Medical Microbiology) from IPGM&R, Dhaka in 1989. He worked as Assistant Surgeon(as Medial Officer and lecturer) in Govt. Hospitals and Medical Colleges for about 14 years. He worked as Assistant Professor, Associate Professor and Professor of Microbiology in various Govt. Medical Colleges. He took self- retirement on 30.08.2008. After LPR, He joined BIHS as Professor of Microbiology and acted as Head of the Department of Microbiology and Coordinator of Laboratory Sciences. He organized the Department of Transfusion Medicine in BIHS. At present, he is working as Professor and Head Department of Microbiology, BUHS. He was Dean, Faculty of Basic Sciences and Chief Program Coordinator in BUHS for about 5 years.

During his carrier, he worked as teacher at all levels for more than 35 years. He also helped administration actively carrying duties as chairman and member of different committees.

During his carrier, he was actively engaged in research works in the field of Medical Microbiology and has 44 research publications. He was one of the pioneers who gave break through in conventional blood culture system. Before his work, time for blood culture needed up to 4 weeks, but through his work the time came down to only 3 days(1989). He was also one of the pioneers to report multidrug resistant(MRD) salmonella in mid- nineties in Bangladesh. He was the person who 1st reported the ciprofloxacin resistant *S.typhi* in Bangladesh(2003). He also designed the reporting of Extended Spectrum β -Lactamse(ESBL) positive organisms in routine reporting of antibiotic sensitivity which saves 24 hours in reporting(2014). At present, he has grown research interest in herbal antibiotics , in addition to his own field of Medical Microbiology.



Why one should study Microbiology in BUHS?

Difference of Microbiology Department of BUHS from that of other general universities is that, in addition to facilities available in other universities, plenty of clinical samples are available in BUHS Microbiology Department which are not available in other universities.

BIHS General Hospital and BUHS are two sister organizations sponsored by Bangladesh Diabetic Society and are present in same campus. In addition to own 200 bedded hospital with extensive outdoors, BIHS General Hospital has 7 satellite clinics in different parts of Dhaka City from where samples for laboratory tests are collected and tested in Modernized Clinical Laboratory Departments of BIHS General Hospital. There are plenty of samples. So, Microbiology Department is rich in Clinical samples. Along with routine laboratory tests, research works are also done on different bacteria, their isolation, identification and antibiogram. Multidrug resistance is one of the major problems in treatment procedures. Research work is done on this Multidrug resistance in Microbiology Department of BUHS. In addition to Clinical Laboratories of BIHS General Hospital, academic laboratories are also present in Microbiology Department of BUHS.

Resume

Of

Prof. Dr. Shah Md. Zahurul Haque Asna,

01. Name : Prof. Dr. Shah Md. Zahurul Haque Asna
02. Father's Name : A.Q.S Md. Enayet Ali
03. Mother's Name : Safura Khatun
04. Address : Present : Professor & Head,
Department of Microbiology,
Dean, Faculty of Basic Science
Bangladesh University of Health Sciences(BUHS)
Permanent: Vill. Baramajidpur, PO. Khedmatpur, PS: Pirganj
Dist. Rangpur
e- mail : asnabd04@yahoo.com
Telephone: 01817510403(cell phone)

05. Date of Birth : 22-09-1954
06. Religion : Islam
07. Marital status : Married(2 sons, 1 daughter)
08. Academic Qualification:

Name of degree	Year of passing	Division	Institution	Board/University
a. SSC	1969	1 st	Pirganj H/S, Rangpur	Rajshahi
b. HSC	1971(held in 1972)	1 st	Carmichael College, Rangpur	Rajshahi
c. MBBS	1978	Pass	RMC,Rajshahi	Rajshahi
d. M.Phil(Micro)	1988	Pass	IPGM&R,Dhaka	Dhaka

09. Service Records/Position held

Name of Post	Place of posting		Place of posting
	From	To	
i) Inservice trainee	16-03-79	15-03-80	RMCH,Rajshahi
ii) Asstt.Surgeon, supy duty	16-03-80	15-05-80	RMCH,Rajshahi
iii) Medical Officer	21-05-80	27-11-81	THC,Chilmari,Rangpur
iv)Clinical Pathologist	29-11-81	22-04-82	RMCH,Rangpur
v) Lecturer, Pathology	23-04-82	07-07-85	RMC ,Rangpur
vi) Deputed to M. Phil (Micro) course	08-07-85	24-05-89	Microbiology Dept. IPGM&R, Dhaka

vii) Indoor M.O.(acted as Lecturer)	25-05-89	17-11-92	Microbiology Dept. IPGM&R, Dhaka
viii)Asstt.Prof.(cc),Microbiology	18-11-92	20-03-93	MMC,Mymensingh
ix) Asstt. Prof. Micro & Myco	21-03-93	14-09-93	NIPSOM ,Mohakhali,Dhaka
x) Assoc. Prof. (CC),Microbiology	20-09-93	04-08-99	CMC,Chittagong
xi) Assoc.Prof.(CC) & Head, Department of Microbiology	10-08-99	26-07-05	CoMC,Comilla
xii) Assoc. Prof. (CC) of Microbiology & Head, Department of Laboratory Medicine	27-07-05	05-02-07	ICMH, Matuail, Dhaka
xii) Professor & Head, Department of Microbiology	06-02-07	31-08-08	FMC,Faridpur
xiii) . Self Retirement : LPR:	01.09.08	30.08.09	From FMC, Faridpur
xiv) Professor & Head, Dept. of Microbiology & Consultant, Microbiology	01.09.09	30.06.13	Bangladesh Institute of Health Sciences(BIHS) Darussalam, Mirpur, Dhaka-1216
xv) Professor & Head, Department of Microbiology(BUHS) Consultant, Microbiology & Coordinator, Laboratory Sciences	01.07.13	30.06.2017	Bangladesh Institute of Health Sciences (BIHS), Darussalam, Mirpur, Dhaka-1216
xiv).Professor & Head, Department of Microbiology and Dean, Faculty of Basic Sciences BUHS	01.07.13	30.06.2018	Bangladesh University of Health Sciences (BUHS), Darussalam, Mirpur, Dhaka-1216
xv).Professor & Head, Department of Microbiology	01.07.2018	To date	Bangladesh University of Health Sciences (BUHS), Darussalam, Mirpur, Dhaka-1216

10. Attended Training/workshops on:

Sl. No.	Country	Institute	Subject	Year
A	Bangladesh	IPH,Mohakhali,Dhaka	Cholera	1994
B	-do-	-do-	3 workshops on: WHO antimicrobial resistance monitoring program	1999,2001, & 2004
c	-do-	Centre for Medical Education,IPH Building,Mohakhali, Dhaka	Teaching methodology	2003
D	-do-	FIMC,DOHS,Dhaka	OSPE	1996
E	-do-	Centre for Medical Education,IPH Building,Mohakhali, Dhaka	Preparation of new curriculum for Medical undergraduates	1996
f	India	GT Hospital, Mumbai	HIV/AIDS	1998

11. Computer training in : MS Word, MS Power point, MS Excel & Internet

12. Teaching experience :

- a) **Undergraduate** : **31years** in different Medical Colleges and institutes and Universities..
- b) **Postgraduates** : **13 years** in NIPSOM,Chittagong Medical College, USTC Chittagong and ICMH, Matuail,Dhaka. BIHS & BUHS,Mirpur,Dhaka
- c) **Research supervisor**: acted as co-supervisor of 5 M.Phil thesis in IPGMR, Dhaka (1989-1992)
- f) **Internal and external examiner for undergraduate** examinations of RU,CU,DU, USTC, BUHS.
- g)Internal examiner of Post-graduate (MS) examinations of BUHS
- h) **External examiner of Postgraduate** (M.Phil,MS,MD) examinations of CU, BSMMU, USTC
- i) **Paper setter of Undergraduate and Postgraduate**(M.Phil,MS,MD) examinations of Chittagong University and BSMMU,Dhaka, BUHS, Dhaka.
- j) **Moderator** of undergraduate(C.U) and postgraduate(M.Phil,MS,MD) examinations of CU & BSMMU.
- k) **Tabulator** of all Professional MBBS examinations, Dental examinations and diploma examinations of C.U.(1997- 2000), D. U. and BUHS, Dhaka
- l) **Phase-2 Coordinator**, Comilla Medical college, Comilla(2002-2005)

13) Member of Professional bodies:

- a) Bangladesh Society of Medical Microbiologists(BSMM).
- b) Bangladesh Society of Pathologist(BSP)
- c) Bangladesh Medical Association(MBA)

14) Miscellaneous activities: acted as,

- a) Person concerned (in the Department of Microbiology, IPGMR,Dhaka) for the identification of the organisms sent quarterly by WHO Centre as a part of the External Quality Assessment program for laboratories/institutes of different countries(1990-1992).
- b) Deputy Superintendent of Boy's Hostel,Chittagong Medical College, Chittagong.
- c) Chairman of Masjid Committee of Boy's Hostel Mosque.
- d) Election Commissioner for Election of Medical Teacher's Association Federation, Chittagong Medical College Centre.
- e) Member of Election Commission for:
 - BMA elections, Chittagong Centre and
 - Elections of Students Union, Chittagong Medical College, Chittagong.
- f) Chairman of Survey Committee, Comilla Medical College, Comilla(2004-2005)
- g) Member of Tender Committee, ICMH, Matuail, Dhaka(2007).
- h) Chairman of different investigating Committees of different Medical Colleges. / Institutes.
- i) Member, Technical Cimmittee, CMSD,Tejgaon,Dhaka.

15. Publications

- a) Journals: No. of publications : 43. 4 in foreign journals.(List attached)
- b) Monograph/Thesis: Studies on Various Diagnostic Methods of Typhoid Fever.IPGMR,Dhaka,1988.
- c) Books: Participated in preparation of Standard Operating Procedure Manual(SOPM) for Clinical Laboratories. Funded by WHO and Organized by IPH,Mohakhali, Dhaka in 2003.
- d) Paper presentation:
 - a. Studies on various diagnostic methods of typhoid fever. 8th national Scientific seminar, Bangladesh Society of Pathologists.1988, Venue: Gallery No.1. DMC,Dhaka
 - b. HIV/AIDS : Bombay Perspective. World AIDS Day, 1998.Venue:Gallery No. 1, Chittagong Medical College.
 - c. Diagnosis of Malaria by Microscopic Examination of Blood film-A study of 128 cases. 1st National Convention, Bangladesh Society of Medical Microbiologists.2001.Venue:Milton Hall,BSMMU,Dhaka

List of Publications

of

Prof. Dr. Shah Md. Zahurul Haque Asna ,
Professor & Head,
Department of Microbiology,
Bangladesh University of Health Sciences,
125/1,Darussalam,Mirpur,Dhaka-1216.

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Total No. of Publications	: 43
No. of Publications as 1 st author	: 14
No. of Publications published in foreign Journals	:04

1. Asna SMZH, Rahman KM, Miah MRA & Hussain T. Trypticase soy broth versus bile salt broth: A comparative study for isolation of Salmonella from blood. Journal of BCPS.1989;7(1):11-14 .
2. Chowdhury MZU, Rahman KM, Miah MRA, Hussain T, Asna ZH, Khan WA. Evaluation of Co-agglutination (COA),Counter immunoelectrophoresis(CIE), Culture and Direct Microscopic(Dm) examination of cerebrospinal fluid(CSF) for detection of Meningitis caused by common bacterial pathogens. Bangladesh Med. Res. Counc. Bull. 1990;XVI (1): 34 – 41.
3. Hossain MA, Rahman KM, Amin II, Asna SMZH, Rahim Z, Hoque M, Miah MRA, Hussain T & Nahar N. Childhood Gastroenteritis: Aeromonas and other infective agents. Bangladesh Medical Journal.1991; 20 (1): 13 -16.
4. Lutfor AB, Rouf MA, Hassan MMM, Rahman KM, Asna SMZH, Haque KMHSS & Moazzem N. Prevention of beta-haemolytic streptococci in children with acute pharyngitis. Proceedings of First National Scientific Conference On Rheumatic Fever and Rheumatic Heart Disease May 4-5,1992;18 - 20.
5. Malek MA, Miah MRA, Rahman KM, Asna SMZH, Hossain T, Nahar N, Chowdhury MAQ & Hossain M. Incidence of syphilis among prostitutes, blood donors and prisoners in Dhaka, Bangladesh Medical Journal.1992; 21 (1&2): 12-15.

6. Hossain MA, Rahman KM, Asna SMZH, Rahim Z, Hussain T, Miah MRA. Incidence of Aeromonas isolated from diarrhoeal children and study of some Virulence Factors in the isolates. Bangladesh Med. Res. Counc. Bull. 1992; 18 (2): 61-67.
7. Muazzam N, Rahman KM, Miah RA & Asna SMZH. Indirect Fluorescent Antibody Test in Serodiagnosis of Visceral Leishmaniasis in Bangladesh. Bangladesh Med. Res. Counc. Bull. 1992; 18 (2): 77 – 81.
8. Alam S, Akram K, Asna ZH, Bennish M, Bern C, Chowdhury AY, Chowdhury AK, Chowdhury AM, Glass R, Hossain A, Hossain Z, Huq JA, Islam K, Mathbor GM, Nasem SMA, O'Brien P, Rahman O, Monica S, Ronsmans C, Saddique MS, Smiezak J. Health effects of the 1991 Bangladesh cyclone : Report of a UNICEF Evaluation team. DISASTERS.1993;17 (2):153 – 165.
9. Mamun KZ & Asna SMZH. AIDS without HIV.PHAB Journal.1993;IV(II):45-47
10. Salam KMA, Banu NA, Nabi TIMN & Asna SMZH. Multidrug resistant *Salmonella typhi* causing fever in Children: A study of fifty blood culture positive cases. Ann Med Pract. 1994; 5(1&2):6 – 13.
11. Hasan Z, Alam MN, Afroza A, Asna ZH, Hossain M, Chowdhury SF, Khaleque KA, Rahman KM. Evaluation of drug sensitivity of *Salmonella typhi* and *Paratyphi A* by disc diffusion and agar dilution method. BJM.1995; 6 (1): 17 – 20.
12. Asna SMZH, Husain MA, Akhter N. Vibrio cholerae O139: is another pandemic forth coming? JCMCTA. 1995; 6 (1): 58 – 64.
13. Hasan Z, Rahman KM, Alam MN, Afroza A, Asna ZH, Ghosh PK, Alam N. Role of a large plasmid in mediation of Multiple Drug Resistance in *Salmonella typhi* and *Paratyphi A* in Bangladesh. Bangladesh Med. Res. Counc. Bull. 1995; 21 (1): 50 – 54.
14. Akhter N, Haque R, Asna SMZH, Hussain MA, Rahman KM. Study on Zymodemes of Entamoeba histolytica. JCMCTA. 1996; 6 (2):17 - 22.
15. Husain MA, Rahman KM, Haq JA, Asna SMZH. Studies on the Campylobacter jejuni isolated from diarrhoeal children. JCMCTA. 1996; 7 (1): 7-16.
16. Asna SMZH, Salam KMA, Hussain MA, Akhter N, Malek A, Hussain M, Mamun KZ, Hasan Z. Multidrug resistant Salmonella in paediatric population. JCMCTA. 1996; 7 (1): 23 – 27.

17. Asna SMZH, Alam AKMS. Parasitological aspect of malaria. JCMCTA.1996; 7 (S3): 98 – 106.
18. Rahman MR, Faiz MA, Das JC, Yunus EB, Ahsan MQ, Hossain MA, Ahmed K, Dutta PK, Ahmed I, Karim SA, Mamun AA, Mollah AS, Das KK, Chowdhury D, Hoq AJMM, Chowdhury MK, Asna ZH, Hussain A, Jalil MA. A prospective documentation of prognostic factors of severe malaria among adults patients in Chittagong Medical College Hospital, Bangladesh. JCMCTA.1996; 7 (S3):32-45.
19. Rahman MR, Faiz MA, Yunus EB, Das JC, Hossain A, Mollah AS, Mamun AA, Dutta PK, Ahmed K, Ahmed I, Karim SA, Das KK, Chowdhury D, Hoq AJMM, Chowdhury MK, Hussain A Asna ZH, Begum Z, Jalil MA. A randomised controlled trial on the comparative efficacy of “Seven days quinine (parenteral plus oral) versus parenteral followed by three days oral quinine plus single dose sulphadoxin / pyrimethamine” in adult cerebral malaria in Chittagong Medical College Hospital. JCMCTA.1996; 7 (S3):46-53.
20. Faiz MA, Rahman MR, Das KK, Box S, Das JC, Mollah AS, Mamun AA, Hossain A, Yunus EB, Chowdhury D, Hoq AJMM, Asna SMZH, Hussain A, Jalil MA. Smear negative cerebral malaria: Are these malaria cases? JCMCTA.1996; 7 (S3): 54-62.
21. Hasan Z, Asna SMZH, Hussain M, Afroza A, Jhora ST, Shanaz S & Rahman KM. Results of blood culture in different weeks of illness with or without prior antibiotic therapy in Enteric Fever. Bangladesh Medical Journal. 1997; 26 (1 &2): 17-19.
22. Mamun KZ, Tabassum S & Asna SMZH. *Salmonella paratyphi A* : An emerging public health concern. Bangaldesh J Pathol.1997;12 (1) :18-19.
23. Asna SMZH, Hussain T & Rahman KM. Interpretation of Widal Test: A Review. Bangladesh Medical Journal.1997; 26 (3 & 4): 48- 50.
24. Asna SMZH, HIV / AIDS : Bombay perspective. JCMCTA. 1998; 9 (1): 59-67.
25. Asna SMZH, Malek MA & Alam AMMS. Introducing viral oncogenesis. JCMCTA. 1999; 10 (S4): 50-55.
26. Asna SMZH, Alam AMMS, Majumder K, Husain MA & Chowdhury MJH. Tumour immunity- an overview. JCMCTA.1999; 10 (2): 32-38.

27. Asna SMZH & Huq JA.. Decrease of antibiotic resistance in *Salmonella typhi* isolated from patients attending hospitals of Dhaka city over a 3 years period. International Journal of Antimicrobial Agents.2000;16:249-251.
28. Asna SMZH & Husain MA. Blood culture by conventional method: study of 1000 cases. Bangladesh J Pathol.2000; 15(1) : 3-7.
29. Asna SMZH, Haq JA & Rahman MM. Nalidixic acid resistant *Salmonella enterica* serovar Typhi with decreased susceptibility to ciprofloxacin caused treatment failure : A report from Bangladesh. Jpn. J. Infect. Dis. 2003; 56 (1) :32-33
30. Asna SMZH,Foiz MA,Hossain MA,Younus EB & Rahman MR. Diagnosis of malaria by blood film microscopy – A review. Bangladesh J Pathol.2002;17(2) :12-15.
31. Husain MA, Asna SMZH, Akhter N, Ahmed MS. Drug resistance of *Escherichia coli* – Experience in Chittagong Medical College. OMTAJ.2002;1(2):55-56.
32. Husain MA,Asna SMZH, Akhter N & Uddin J. Methicillin resistant staphylococcus aureus in Chittagong Medical College. JCMCTA.2002;13(2):4-8.
33. Husain MA,Asna SMZH, Uddin J, Majed MA & Alam KM. Diagnosis of Malaria by Newer Immunochromatographic Technique. The healer.2004;11(1):2-6.
34. Mamun KZ,Tabassum S , Asna SMZH & Hart CA. Molecular analysis of Multi-drug Resistant *Salmonella typhi* from Urban Paediatric Population of Bangladesh.Bangladesh Med Res Counc Bull.2004;30(3):81-86.
35. Huq JA, Rahman MM,Asna SMZH,Hossain MA, et al. Methicillin Resistant Staphylococcus aureus in Bangladesh - A Multicentre study.International Journal of Antimicrobial Agent. 2005;25:276-277.
36. Husain MA,Asna SMZH,Majed MA,Alam KM& Uddin MJ.Widal test and it's interpretation.The Healer.2006;13(1):38-41.
37. Hossain MA, Afroz S, Rahman MR, Yunus EB,Samad R, Asna ZH, Akhter S, Foiz MA. Evaluation of alternative diagnostic techniques for diagnosis of cerebral malaria in a tertiary referral hospital in Bangladesh. Mymensingh Med J. 2008;17(2) :180-185.

38. Akhter S, Asna SMZH and Rahman MM. Inducible Clindamycin Resistance Among Staphylococci Isolated from Clinical Samples in an Urban Hospital of Dhaka city. Ibrahim Med. Coll. J.2011;5(1):6-8.
39. Akhter S,Asna ZH and Rahman MM.Prevalence and Antimicrobial Susceptibility of Enterococcus species Isolated from Clinical Specimens. Mymensingh Med J. 2011 Oct;20(4):694-699.
40. Akhter S, Sattar H, Miah MRA, Saleh AA, Ahmed S, Asna SMZH, Rahman MM. Isolation,identification and susceptibility pattern of Gardnerella vaginalis in bacterial vaginosis. Bangladesh J Med Microbiol. 2011;05(01):8-11.
41. Akhter S, Asna SMZH, Rahman MM and Hafez MA.Study of bacterial infection and antimicrobial sensitivity pattern in diabetic foot lesion.Bangladesh J Med Microbiol.2012;06(02):20-23.
42. Asna SMZH, Akhter S, Rahman MM. ESBL positive organisms: Method of Routine Reporting and Prevalence in Health Care settings. Bangladesh J Med Microbiol. 2014;08(02):23-27
43. Asna SMZH, Akhter S, Rahman MM, Mohammad N,& Hafez MA. Frequency and Sensitivity of Extended Spectrum Beta-Lactamase Positive Organisms in a secondary and tertiary level Hospital Network in Dhaka . J Enam Med Col.2015;5(2):80-87