

Editorial

Participation of AWMCH's Physicians in Research Activities: Glimpse from Medical College Research Unit (MRU), Ad-din Women's Medical College

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1. First things first:

Since its inception on 26 May, 2021, the Ad-din Research Unit (ARU), later changed to Medical Research Unit (MRU) by our respected Executive Director Dr. Sheikh Mohiuddin, being so correct yet largely logical. Our MRU started moving gradually yet targeting multifaceted research and development (R&D) activities. It is encouraging enough to notice that the MRU has been quite successful in communicating rightly and motivating successfully. Our entire doctor community of AWMCH is creating a good rapport on research and development activities.

However, our AWMCH must possess a prudent policy to support every academic staff in medical research to boost inner zeal, increase far sightedness and in-depth interest in medical writing and manuscript preparations for probable publications. Unless this is achieved, the quality of acquired knowledge in research among our academic and technical doctors departments will not be at par. So, it remains essential to be disseminated to all our teachers and researchers at the clinical and public health departments. It would only then reach (benefit) on prospective students who remains our future academicians and clinicians.

In this regard, with the prior consent of the Director General (Ad-din foundation) and the Principal of AWMCH, we should take strong attempts in capitalizing this opportunity of motivating, attracting and thus compelling all the teachers and the academicians towards:

- Arranging some sort of incentive to boost our teachers' interest in research and development.
- Making provisions of some sort of rewards/recognition/certificates in this regard, so as to encourage these cohorts of academic and scientific community (that may well include the senior students, intern doctors and lecturers).

Failure to do so, the qualitative and quantitative values of manuscripts to be written by our teachers and academicians to be published in our AWMCH journals will fail to reach its quality and height in terms of acceptability and adaptability both among in house as well as other national journals, unless our AWMCH journal obtains its Digital Object Index (DOI) from global indexing authority. However, DOI requires a standardized journal committee and quality manuscripts to get published in continuously, for at least 3 years.

2. MRU's Hard Core Efforts:

Principal efforts of MRU were exerted to motivate our physicians towards conducting a wide range of research and development (R&D) activities but, most effort was pointed towards increasing the interest of publications in AWMCH Journal, which we lagged a bit, but now regularized at par, recently.

Now, all these aforementioned points must be evaluated and encouraged to be implemented by the concerned authority of AWMCH.

It was amazing to notice that since 2019 we published the following articles by respective professors or academicians:

The Journal of Ad-din Women's Medical College; Vol. 10 (2), July 2022; p 1-7
DOI: <https://doi.org/10.3329/jawmc.v10i2.67488>

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Publication in AWMCJ (listed out by Medical College departments submitted more for publications):

From The Department of Medicine:

So far, total 15 articles have been published in our AWMCJ since September 2021 onwards-

Published in July 2019-

1. Aditi Chowdhury, Pranab Kumar Chowdhury, Mohammed Maruf UI Quader, Nevis Wadia, Sayeema Kabir, Mahmuda Akhtar; Association of Waist Circumference and Blood pressure among Primary School Children in selected School of Chattagram, Bangladesh; Vol.7, N-2, July 2019.
2. ANM Saiful Hasan, Md. Anwar Hossain Khan, ABM Mahbub UI Alam, Kabir Alom, Mahmuda Hassan, Shahnaz Akhtar, Md. Abu Sayed Miah, Md. Asaduzzaman Patowary, Rokeya Begum, Tasneema Juaira; Prevalence of Urinary Tract Infection (UTIs) among school going children in Dhaka, Bangladesh: A Dipstick Test Study; Vol.7, N-2, July 2019.
3. Md. Mazharul Islam, Karim Rezwana Hasan, Rubaba Tajreen; A case of death due to self-suspension; Vol.7, N-2, July 2019

Published in January 2020-

4. Prof ARM Luthful Kabir, M Afiquor Rahman; Pediatric Urolithiasis: Pros and cons of a paradigm shift in childhood kidney disease, Vol-8, N-1, Jan 2020.
5. Nahid Yasmin, Mahmuda Hassan, Masuma Khan, M Alamgir Mandal, Sayma Sultana, Husne Ara Khatun, Nila Akter Keya, Dipa Saha; Association between socio-demographic factors and nutritional status among women of reproductive age living in a Dhaka peri-urban community; Vol-8, N-1, Jan 2020.
6. Meherun N Neela, Musanna Al Faruki, Fatima-Tuz-Zohra, Abdullah Al Mamun, Rehnuma Alam Purna, Suraiya Hasna, Joheb Al-Hasnain, Sohana Zaman, Saiful B Khan; Pregnancy induced Acute Kidney Injury (AKI) and its consequences: An Updated review!, Vol-8, N-1, Jan 2020.
7. Narayan Krishna Bhowmik, Sardar Samiul Islam; Preventing vertical transmission of Hepatitis B Virus (HBV) can yield HBV free future generation, and it requires effective marital law support!, Vol- 8, N-1, Jan 2020

Published in July 2020-

8. Banita Mistry, Shamim Ara Begum, Dipa Saha, Shahjahan Chowdhury, Farzana Binte Rashid, Md Allauddin; Limited screening of Typhoid Function for

preterm and clinically hypothyroidism suspected term neonates, Vol. 8, N-2, July 2020.

9. Sudipta Roy, Prof ARM Luthful Kabir, Rahat Bin Habib, Masuma Khan, Armin Sultana, Ashraf Uddin Ahmed; Co-Occurrence of Rickets and Scurvy - A case report, Vol. 8, N-2, July 2020

Published in January, 2021-

10. Assoc. Prof. Dr. Salim Mahmud; Primary PCI is the best treatment after MI, Vol. 9, N-1, Jan 2021
11. Dr. Md. Firoj Hossain; Relationship between serum amylase & lipase with body mass index in under 30 diabetic patients. Vol. 9, N-1, Jan 2021
12. Dr. Nahida Anwar Poly; Prevalence of ABO and Rh Blood groups and their combinations among the blood donors attending the Transfusion Medicine Department of TMC and RCH, Bogura, Vol. 9, N-1, Jan 2021

Published in July, 2021-

13. Prof. ARM Luthful Kabir, Prof. Mahmuda Hassan, Dr. Sanjoy Saha, Prof. Dr. M.A. Mazhar, Dr. Kazi Selim Anwar, Participation of AWMCH's physicians: Glimpse from Ad-din Research Unit; Vol. 9, N-2, July 2021
14. Dr. Shawana Haque; Status of serum magnesium & copper level in Bangladesh children and adolescent with type 1 diabetes mellitus and their relationship with glycemic control, Vol. 9, N-2, July 2021
15. Prof. Ashraf Uddin Ahmed, Prof. ARML Kabir, Dilruba Akter, Dr. Masuma Khan; Glimpse from Nutrition Rehabilitation Unit (NRU), Department of Pediatrics, Ad-Din Women's Medical College & Hospital: Trend and Rehabilitation for Childhood Protein Energy Malnutrition, Vol. 9, N-2, July 2021

From The Department of Obstetrics and Gynecology:

So far, total 10 articles have been published in our AWMCJ since September 2021 onwards-

Published in July, 2019-

1. Kazi Morjina Begum, Md. Abu Sufian, Nahid Yasmin, Nasrin Sultana, Mahmuda Hassan, Mst. Nilufar Jahan, Shahnaz Akhtar; Caesarean delivery on maternal request (CDMR): a reason for escalating rates of caesarean section, Vol.7, N-2, July 2019
2. Kazi Morjina Begum, Mahmuda Hassan, Md. Abu Sufian, Husne Ara Khatun, Fatema Binte Islam, Rahima Khatun, Nasrin Sultana; Immediate

Outcome of Neonates with high maternal BMI,, Vol.7, N-2, July 2019

3. Kazi Morjina Begum, Md. Abu Sufian, Mahmuda Hassan; Hyperreactio Luteinalis during Caesarean section in a woman with twin pregnancy: A case report, Vol.7, N-2, July 2019.

Published in January, 2020-

4. Laila Noor, Khadija Dilshad, Sadah Hasan, Sadia Afrin Suchona, Meherun Nessa Neela, Merina Tanzil; Routine post-operative hemoglobin estimation in low risk caesarian section: recent observation from a pro-poor, pro-women urban hospital, Dhaka, Vol. 8, N-1, Jan 2020.

Published in July, 2020-

5. Md. Abu Sufian, Kazi Morjina Begum, Mahmuda Hassan, Shahnaz Akhtar, Tania Noor; Early maternal and neonatal outcome of diabetic mothers in tertiary care hospitals; Vol. 8, N-2, July 2020
6. Kazi Morjina Begum, Md. Abu Sufian, Mahmuda Hassan, Banika Biswas, Rahima Khatun, and Mst. Nilufar Jahan; Perinatal outcome of vaginal birth after earlier caesarian section: Findings from tertiary care teaching hospital; Vol. 8, N-2, July 2020

Published in January, 2021-

7. Dr. Dil Afroz; A study on outcome of unsafe abortion by medical methods in rural community, Vol. 9, N-1, Jan 2021

Published in July, 2021-

8. Dr. Dil Afroz; Statistical evolution of indications of cesarean section in Jahurul Islam College & hospital; Vol. 9, N-2, July 2021
9. Kazi Morjina Begum; Factors associated with pregnancy induced hypertension with maternal and fetal outcome in a tertiary care hospital, Dhaka. Vol. 9, N-2, July 2021
10. Laila Noor; Appropriateness of Routine Cross Matching and Blood Transfusion Practice in Caesarean Section for Low Risk Postpartum Haemorrhage Pregnancies at Ad-din Women's Medical College Hospital, Moghbazar, Dhaka. Vol. 9, N-2, July 2021

From Department of Surgery:

So far, total 09 articles have been published in our AWMJC since September 2021 onwards-

Published in January, 2020-

1. Md. Hanif Emon, Sardar Samiul Islam, Fatema Tuz Zohra, Shah Alom Sarkar, Debabrata Paul, Sardar Rezaul Islam; Outcome of lateral pancreato-jejunosotomy in chronic pancreatitis – Our experience in two tertiary care hospitals. Vol. 8, N-1, Jan 2020
2. Md. Abdul Matin, Khandaker Nazmul Huda, Mahbubur Rahman Shaheen; Complication of Nd: YAG Laser Capsulotomy. Vol. 8, N-1, Jan 2020

Published in July, 2020-

3. M Afiquor Rahman, Md. Hasanuzzaman, Merina Tanzil, Suraiya Hasna Suha; Urolithiasis and Nephrolithiasis: The two wings of analogue urinary tract injuries. Vol. 8, N-2, July 2020
4. Shah Alom Sarkar, Md. Hanif Emon, Sardar Samiul Islam, Sardar Rezaul Islam, Maruf Raza, Debabrata Paul; Testicular Tumor. Vol. 8, N-2, July 2020
5. Shahidul Islam, Merina Tanzil, Najiba Kabir, Chowdhury Md. Saleh Al-Nayem, Sabikun Nahar Tonima; Spine surgery – Scopes, expectation and drives in Bangladesh: On how to alleviate patient's sufferings. Vol. 8, N-2, July 2020
6. Md. Abdul Matin, Mahbubur Rahman Shaheen, Tasnia Nawreen; DCR Operation in rural area of Bangladesh: A study of 346 cases. Vol. 8, N-2, July 2020

Published in January, 2021-

7. Dr. Sadia Armin Khan; Nipple discharge evidence based observation from dept. of surgery, Ad-din Hospital. Vol. 9, N-1, Jan 2021.

Published in July, 2021-

8. Sardar Rezaul Islam; Laparoscopic Vs Open Appendectomy- A Retrospective Cohort Study. Vol. 9, N-2, July 2021
9. Dr. A K M Maruf Raza; Various staging and grading system of colorectal cancer: A review article. Vol. 9, N-2, July 2021

From the Department of Public Health Nutrition:

So far, total 03 articles have been published in our AWMJC since September 2021 onwards-

Published in January, 2021-

1. Trisita Saha Biswas; Nutritional knowledge and dietary habit of medical students: a systematic review. Vol. 9, N-1, Jan 2021

2. Nila Akter Keya; Early initiation of breast feeding (EIBF). Vol. 9, N-1, Jan 2021

Published in July, 2021-

3. Dr Farhana Haque; Evolution and Metamorphosis in my Career: from a Junior Public Health Physician to an UN Employee – What's all about? Vol. 9, N-2, July 2021

From Department of Ophthalmology:

So far, total 02 articles have been published in our AWMCH since September 2021 onwards-

Published in January, 2020-

1. Md Abdul Matin, Khandaker Namul Huda, Mahbubur Rahman Shaheen; Complications of Nd: Yag Laser Capsulotomy; Vol. 8, N-1, January 2020

Published in July, 2020-

2. Md Abdul Matin, Mahbubur Rahman Shahin, Tasnia Nawreen; DCR Operation in Rural Area of Bangladesh: A study of 346 Cases. Vol. 8, N-2, July 2020

From Department of Skin and VD:

So far, total 03 articles have been published in our AWMCH since September 2021 onwards-

Published in January, 2022

1. Dr. Kaniz Rahman Trend in Pediatric Dermatology & Recent finding from Dermatology OPD Ad-din Hospital. Vol. 10, N-1, January 2022
2. Dr. Kaniz Rahman; What are the main common causes of childhood scabies in dermatology OPD of AMCH, Vol. 10, N-1, January 2022
3. Dr. Kaniz Rahman, Farhana Rahman, Syed Afzalul Karim,; Scabies: Commonest cause of childhood skin infection in Bangladesh. Vol. 10, N-1, January 2022

From Department of Psychiatry:

So far, total 01 article have been published in our AWMCH since September 2021 onwards-

Published in January, 2022-

1. Solaiman M A, Morshed ASM, Morshed NM, Mullick MSI Psychological Distress and Perceived Burden among Parents of Children with Autism Spectrum Disorder: A Cross-Sectional Study. Vol. 10, N-1, January 2022

Special / Invited Article/ Commentary on Research and Development:

Published in July, 2019-

1. Kazi Selim Anwar, M Afiquor Rahman, Nahid Yasmin, ARM Luthful Kabir, Richmond Ronld Gomes, Mahmuda Hassan; Ad-din research unit (ARU): Biomedical research on the move! Vol.7, N-2, July 2019

Published in January, 2020-

2. Faugia Islam Anne; Importance of Qualitative Research: Experience from my career in public health. Vol. 8, N-1, Jan 2020

Published in July 2020-

3. Kazi Selim Anwar; Research capacity building: Newer strategy of boosting research, medical education and health care services delivery in medical college hospitals. Vol. 8, N-2, July 2020

Scientific Efforts From Intern Doctors of AWMCH:

Published in January, 2021-

1. Dr. Sadah Hasan- Can it open up a window to add value to clinical internship and act as an adjunct for job hunting subsequently? Vol. 9, N-1, Jan 2021

Published in July, 2021-

2. Kashfi Rizwana; Inception of ARU (Ad-din Research Unit) in Ad-din Women's Medical College and Hospital (AWMCH). Vol. 9, N-2, July 2021

FINAL POINTS:

MRU has been keenly watching the active roles of our doctors who assisted us in our research and scientific activities towards achieving missions and vision of MRU much more effectively.

Some of those are named as follows: (professors/ academicians who contributed in establishing the MRU and its sustainable approaches).

A) Administrative assistance:

1. Our Executive Director (ED) of Ad-din Foundation, Dr. Sheikh Mohiuddin assisted us in improving our ARU prudently to be much empowered and ensured with his valuable suggestions and exerted brilliant effort to make it sustained. Being so kind, yet largely logical, the Executive Director sir, transformed our earlier named research office from ARU (Ad-din Research Unit) to MRU (Medical Research Unit) of AWMCH, this act of kindness which made all of us at the MRU, not only feel happy, but also being much encouraged.

- 2 Prof. Dr. Nahid Yasmin, Director General (Ad-din Foundation), rendered valuable assistance in developing and flourishing MRU, as well, along with Prof. Dr. M Afiquor Rahman, Head, Urology, Ex-Principal, Ad-din Women's Medical College & Hospital.
- 3 However, Prof. Dr. ARM Luthful Kabir, Head, Pediatrics, Ad-din Women's Medical College & Hospital, has exerted tremendous cooperation in founding, establishing links and making MRU familiar among all departments and doctors.
- 4 Moreover, Prof. Dr. Jamalunneesa, the Managing Director (MD), Ad-din Pharmaceuticals, also gave us the MRU some superb suggestions and pretty wise advise (to Head ARU) on how it should run more prudently and sustainably enough. She also emphasized to get some publications in international journal as early as possible, which the Head, MRU is being trying, too. And, MRU already has nine international publications, three manuscripts under pipeline and two manuscripts under preparation: (vide: attached at the end).

B) **Scientific assistance:**

While ARU remains largely indebted to Professor Dr. ARM Luthful Kabir, Head, Department of Pediatrics and the role of scientific empowerment to our MRU by Professor SM Rezaul Islam, Department of Surgery who, being one of the most senior academicians and great surgeons of AWMCH encouraged us in our scientific activities to denote more interests and enthusiasm by submitting.

Assoc. Professor Dr. Richmond Ronald Gomes who exerting all his talent and powerful thoughts towards setting and shaping up ARU to his utmost. He brought Dr. Meherun Nessa Neela, in at our ARU as the first Research Officer. Ms. Neela's contribution to ARU's over the first few months hardship and extremely responsible planning remains praise worthy. She started the clinical epidemiological studies of dengue titled 'Combating Severe Dengue in Children Utilizing WHO-2009 Classification: Insight from Ad-Din Hospital on Rapid Appraisal of Pocket Outbreak in Urban Dhaka' so brilliantly and with due responsibility.

Then, Dr. Suraiya Suha also joined the MRU in place of Dr. Meherunessa Neela who also gave some effort in ARU in some programs, issues, studies. Notably, both had been introduced by Dr. Richmond Ronald Gomes being very kind.

Moreover, Dr. Richmond's versatile yet prudent assistance to ARU and preparing project for attracting

research funding and other grants from various institutions and Govt. sources (MOHFW, MOSC etc.) in Bangladesh, remain great.

Furthermore, contribution of Professor Dr. ARM Luthful Kabir in capitalizing ARU'S research fund to various donors remains unforgettable. The following table shows how seriously yet prudently Prof. Luthful Kabir could exert his maximum drives towards MRU Research funding:

The following 9 research project proposals were submitted at Ministry of Health (MoH) for MOHFW Research Grant (The marked projects have been funded in process of findings):

1. ***Further upgrading of research cell at AWMC: A Research Capacity Building (RCB) Drive.**
2. Mol. genetics & genomics of Cystic fibrosis- a life threatening childhood disease largely misdiagnosed: Multi Centre study: Phase 1
3. Benign prostatic hyperplasia & lower urinary tract symptoms: Associations and Risk Factors among 50+ years-old men
4. Prevalence of *Nocardia* spp. causing non-healing-wound infections in randomly selected districts of Bangladesh
5. Preventing HBV vertical transmission & immune prophylaxis failure using antiviral drug in pregnant women- a cost effective lifesaving drive from AWMCH: First effort in Bangladesh.
6. ***Comparison of efficacy of Heated Humidified-High-flow nasal cannula (HHHFNC) with nasal Continuous Positive Airway Pressure (nCPAP): a primary respiratory support in neonates.**
7. Association of Ac. kidney injury in complicated pregnancy & its Outcome after 28 weeks pregnancy
8. ***The Mol. genetic approach to diagnose primary immune-deficiencies in children attending major hospitals in Dhaka city.**
9. Evaluation of Clinical rickets in respect to biochemical & radiological assay: A multi-center study in U-5 Children.

Projects that have already been funded (No. 1, 6 and 8) are on the way of funding soon.

B) MRU Staff:

The ARU (latest named as MRU) is run with the following staffs:

Permanent posting:

- i. Dr. Kazi Selim Anwar (Head),
- ii. Dr. Meherunnessa Neela (Research Officer-resigned after 3.5 month),
- iii. Dr. Suraiya Suha (Research Officer-resigned after 5 month),
- iv. Dr. Merina Tanzil (Research Officer-resigned after 6 month),
- v. Ms. Nila Akter Keya - a Nutritionist joined as a Research Officer in March 2022.

Part time Volunteers: Ms. Jamima, Ms. Nowshin

Research Associates: Dr. Ony, Dr. Sadah, Dr. Umama from AWMCH and Dr. Meher afroza Momo (Dental Surgeon) from Kumodini Hospital.

- Few interns like Dr. Sadah, Dr. Kashfi Rizwana, Dr. Khadiza used to help us in creating database of clinical studies of dengue.
- Similarly, BSc. Nurse Ms. Suchana Yeasmin and Ms. Samia Momtarin also assisted us after completing their BSc nursing course helped us as well.

Publication of AWMCH was stucked for more than one year due to COVID pandemic issues. After forming the ARU, in 2021, we have published Journal of Ad-din Women's Medical College - Volume 7, Number 2 July 2019, Volume 8, Number 1, January 2020, Volume 8, Number 2, July 2020; Volume 9, Number 1, January 2021; Volume 9, Number 2, July 2021 respectively. The MRU has updated its publication and from now we will published our journals regularly.

• **Publication List (Only shown since 2021):**

1. **Kazi Selim A**, AMR L Kabir, Nahid Y, Masuma K, Mahmuda H, Sonjay S, Trisita SB, Faugia, I A, Nila A Keya. Prevention and Control of Childhood TB: Recent Findings on Parental Perceived-Knowledge, Attitudinal-Trend & Practice-Level from SW Bangladesh: Using a Mixed Method Study. *Frontiers in Ped* **2022** (9th Congress of European Acad of Paed Soc, 7-11 Oct **2022**, Barcelona).
2. Saha D, Richmond RG, Saha CK, **Anwar KS** (Mar **2022**). Evidence of pancytopenia, secondary to nutrition deprived vit. B12 efficiency in an epileptic child having cerebral palsy: A rare case report. *J Blood Disord Transfus.* 13(2):1000488

3. **Dr. Kazi Selim Anwar**, Prof. M Afiquor Rahman, Prof. Nahid Yasmin, Prof. ARM Luthful Kabir, Dr. Richmond R Gomes, Prof. Mahmuda Hassan. (Feb **2022**). Ad-din Research Unit (ARU): Biomedical Research on the Move! Special/ Invited Article. *AWMC Journal* V-7, No. 2, pp.1-4.
4. Sheikh A Hoque, Azumi W, Hideaki S, Sayaka T, Shoko O, **Kazi Selim Anwar**....Hiroshi Ushijima. Detection of Rotavirus Strains in Freshwater Clams in Japan. *Food & Environ Virol.* **2022** Mar; 14(1); 84-100.
5. **Anwar KS**, AMZ Hussain, Kato Y, Naureen Tanzila, Huq KMA, et al., and Matsumoto, T. Knowledge-level, attitudinal trend and practice-status on COVID-19 prevention among randomly selected rural Bangladeshi communities. (*Manuscript under preparation: 2022*)
6. **Kazi S Anwar**, Sayeeda, Anwar, Rafiqul AC, Salekul I, Kato Y, et al...and Matsumoto, T., Mol. Epidemiol of Naso-pharyngeal MDR-bacteria in clinically diagnosed children with pneumonia/LRTI attending 6 tertiary care hospitals in Dhaka. (*Manuscript under preparation: 2022*)
7. ARM Luthful Kabir, Sudipta Roy, Rahat B Habib, **Kazi S Anwar**, MAH Mollah, Ruhul Amin, et al. Cystic Fibrosis diagnosed using indigenously wrapped sweating technique: First large-scale study reporting socio-demographic, clinical & laboratory features among children in Bangladesh a lower-mid income country. *Global Pediatric Health*, 7:1-15; 30 Oct **2020** DOI: 10.1177/2333794X20967585.
8. Hazim K, Atef Oreiby, Amer Abd El-Hafeez, Takashi Okanda, Anwarul H, Kazi S Anwar..., **Matsumoto, T.** 'First report of multidrug-resistant Carbapenems-producing bacteria co-harboring *mcr-9* associated with pets' respiratory disease complex: A potential of animal-human transmission' *Antimicrobial Agents Chemotherapy.* **2020** Dec 16;65(1): e01890-20. doi:10.1128/AAC.01890-20.
9. Md Saiful Islam, T Sarkar, Sazzad HK, Abu-H Kamal, SMM Hasan, A Kabir, D Yeasmin, MA Islam, KIA Chowdhury, **Kazi S Anwar**, Abrar A Chughtai, Holly Seale. COVID-19-Related Infodemic and Its Impact on Public Health: A Global Social Media Analysis. *Am J Trop Med Hyg.* **2020** Oct; 103(4): 1621-1629. Published online 2020 Aug 10. doi: 10.4269/ajtmh.20-0812

Manuscript under Pipeline:

10. Sk. Ariful H, **Kazi Selim A**, M Azraf HK, UN Sultana, MAA, T Hossain, Laila S Sharmin, ARML Kabir, MAH Mollah, SA Hoque, Masuma K, Ngan Thi KP, Pattara K, Shoko O, Satoshi H & **Hiroshi Ushijima**. Emergence of Coxsackievirus A16 causing childhood Hand Foot & Mouth Disease: First Molecular Evidence from Bangladesh. *J Pediatr Infect Dis* (**Accepted for publication**).
11. Md. Azraf Hossain Khan, Ibrahim MS, MJ Alam, MM Rahman, P Chandra, F Yesmin, MA Reza, **Kazi Selim Anwar**. Rajshahi Med College Hosp., Rajshahi Univ., and MRU, AWMCH. Clinically and genetically diagnosed first childhood case of lipoid proteinosis (LP) in Bangladesh: Importance of P.R416X mutation in ECM1 gene in causing LP (Recently submitted for publication).

12. **Richmond R Gomes, Kazi Selim Anwar, et al.** Dept. of Medicine, and, Medical Research Unit, Ad-din Women's Medical College Hospital, Dhaka, Bangladesh (**Ready to submit for international publication, soon**).

Manuscript under preparation:

13. **Anwar KS**, AMZ Hussain, Kato Y, Naureen Tanzila, Huq KMA, et al., and **Matsumoto, T**. Knowledge-level, attitudinal trend & practice-status on COVID-19 prevention among randomly selected rural Bangladeshi communities. (**Manuscript under preparation: 2021**)
14. **Kazi S Anwar**, Sayeeda, Anwar, Salequl I, Rafiqul AC, Kato Y, et al. & **Matsumoto, T**. Molecular Epidemiol of Nasopharyngeal MDR-bacteria in clinically diagnosed children with pneumonia/LRTI attending 6 tertiary care hospitals in Dhaka. (**Manuscript under preparation: 2021**).