**Khondker Ayesha Akter, Ph.** **D.**



**Nationality**: Bangladeshi **Date of Birth**: January 17 1983

**Address**: House # 13, Lane # 13, Road # 11, Block # C, Sec -11,

 Mirpur, Pallabi, Dhaka, Bangladesh

**Cell Phone**: +8801716829253 **e-mail**: ayash\_8@yahoo.com

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| **Profile** |
| * Self-confident & being positive. * Ability to manage time & being flexible. * Ability to work efficiently under pressure & fulfill deadlines. * Willing to accept responsibility & perform accordingly. * Ability to work in teams & maintain effective communication (both oral & written) |

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| **Work Experience** | | | |
| 04/2006 - 12/2006 | Product Executive, **SK+F Pharmaceutical Ltd. Bangladesh** | | |
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| 01/2007 - 12/2007 | Research Student, **ICDDR**, Bangladesh | | |
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| 01/2008 - 02/2010 | Lecturer, Pharmacy Department, **Northern University**, Bangladesh | | |
| 03/2010 - 01/2012  01/2012 - 03/2012 | Senior Lecturer, Pharmacy Department, **Northern University**, Bangladesh  Assistant Professor, Pharmacy Department, **Northern University**, Bangladesh | | |
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| **Education** | | |
| 1997      1999  07/2000 - 06/2003 | Secondary School Certificate, Pabna Govt. Girls’ High School  First Division (10th position in Female group, Rajshahi Board) (88.8%)  Higher Secondary School Certificate, Pabna Govt. Women’s’ College  First Division (2nd position in Female group, Rajshahi Board) (89.7%)  Bachelor of Pharmacy, Department of Pharmacy, **University of Dhaka**  1st class 4th in order of merit (71.16%) | |
| 07/2003 - 06/2004 | Master of Pharmacy, Department of Clinical Pharmacy and Pharmacology, **University of Dhaka**  1st class 4th in order of merit (69.5%) | |
| 04/2012– 09/2012 | A research student, **Nagoya University Graduate School of Medicine**, Japan | |
| 10/2012 – 03/2016 | A doctoral student, **Nagoya University Graduate School of Medicine**, Japan  Division of Cancer Pharmacology   * Thesis: UBE2S is associated with malignant characteristics of breast cancer cells. *Tumor Biology*. 2016 Jan; 37(1):763-72. doi: 10.1007/s13277-015-3863-7. Epub 2015 Aug 6. | |
| 03/2016 | Ph.D. degree | |
| **Skills** | |  |
| Languages | | English, Japanese, Bengali (native) |
| Computer and IT | | MS office Application, SPSS |
| **Scientific Skills** | | |
| **Molecular Biology :**  Gene cloning, PCR, DNA sequencing, Site-directed mutagenesis, mRNA extraction, Reverse transfection, RT PCR  **Biochemistry :**  Protein isolation and purification, In vitro protein binding assay, Immunoprecipitation, Western blot analysis, In vitro translation and methylation assay  **Cell Biology:**  Cell culture, Transfection, Immunocytochemistry, Confocal microscope, Virus infection for establishment of stable expression, Cell line knockdown experiment by siRNA and shRNA  **Animal Experiment:**  Mouse handling | | |

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| **Publication list** |
| 1. Mansour MA, Hyodo T, **Akter KA**, Kokuryo T, Uehara K, Nagino M, Senga T. SATB1 and SATB2 play opposing role in c-Myc expression and colorectal cancer progression. *Oncotarget.* 2016 Jan 26; 7(4):4993-5006. doi: 10.18632/oncotarget.6651 2. **Akter KA**, Mansour MA, Hyodo T, Ito S, Hamaguchi M, Senga T. FAM98A is a novel substrate of PRMT1 required for tumor cell migration, invasion and colony formation. *Tumour Biol*. 2016 Apr; 37(4):4531-9. doi: 10.1007/s13277-015-4310-5. Epub 2015 Oct 27 3. **Akter KA**, Hyodo T, Asano E, Sato N, Mansour MA, Ito S, Hamaguchi M, Senga T. UBE2S is associated with malignant characteristics of breast cancer cells. *Tumor Biology*. 2016 Jan; 37(1):763-72. doi: 10.1007/s13277-015-3863-7. Epub 2015 Aug 6 4. Mansour MA, Asano E, Hyodo T, **Akter KA**, Takahashi M, Hamaguchi M, Senga T. Special AT-rich sequence-binding protein 2 suppresses invadopodia formation in HCT 116 cells via palladin inhibition. *Exp Cell Res*. 2015, Mar 1; 332(1):78-88. doi: 10.1016 5. Chowdhury MM, Ullah MA, Iqbal N, Al Maruf A, Shohag MH, Harun S, **Akter KA**, Begum B, Latif AH, Hasnat A. Relative bioavailability and pharmacokinetic study of two trimetazidine modified release formulations in healthy Bangladeshi male volunteers. *Arzneimittelforschung*. 2011:61(7):393-8 |

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| **Meeting List** |
| 1. 02/16. The 8th Nagoya Global Retreat.   Obu, Japan: Oral Presentation  UBE2S is associated with malignant characteristics of breast cancer cells.   1. 02/16. The 8th Nagoya Global Retreat.   Obu, Japan: Poster Presentation  UBE2S is associated with malignant characteristics of breast cancer cells.  3. 12/15. The 38th Annual meeting of the Molecular Biology Society of Japan.  Kobe, Japan: Poster Presentation  UBE2S is associated with malignant characteristics of breast cancer cells. |
| **Awards and Scholarships** |
| * Monbukagakusho Scholarship from Japan Government to pursue Doctoral Course * Merit order Scholarship throughout the 4 Years’ study of B. Pharm in Dhaka University * 2nd in First grade in Junior Scholarship in Rajshahi Board * 3rd in First grade in Primary Scholarship in Rajshahi Board |
| **References** |
| 1. Dr. Takeshi Senga M.D., Ph.D. Associate Professor, Division of Cancer Biology, Nagoya University Graduate School of Medicine  65 Tsurumai, Showa, Nagoya, AICHI 466-8550, Japan [tsenga@med.nagoya-u.ac.jp](mailto:tsenga@med.nagoya-u.ac.jp)   Ph: 81-52-744-2076   1. Dr. Hiroshi Kimura M.D., Ph.D.   Professor, Division of Molecular Virology, Nagoya University Graduate School of Medicine  65 Tsurumai, Showa, Nagoya, AICHI 466-8550, Japan [hkimura@med.nagoya-u.ac.jp](mailto:hkimura@med.nagoya-u.ac.jp)  Ph:81-52-744-2207 |