

Asim Kumar Bepari

MPharm, PhD (Japan)
Postdoctoral training, UTSW, Dallas, USA
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Education & Training:

- 2013** **PhD in Life Sciences**
Faculty of life Sciences, Kumamoto University, Japan
Supervisors: Prof. Dr. Nobuaki Tamamaki, Prof. Dr. Hirohide Takebayashi
- 2002** **Master of Pharmacy (Research)**
Department of Pharmacy, Jahangirnagar University, Dhaka, Bangladesh
- 2000** **Bachelor of Pharmacy (Honors)**
Department of Pharmacy, Jahangirnagar University, Dhaka, Bangladesh

Teaching & Research experience:

- 1 April 2018 to date** **Associate Professor**
Department of Pharmaceutical Sciences
School of Health and Life Sciences, North South University, Dhaka, Bangladesh
- 2013 to 2018** **Assistant Professor (on leave from April 2015 to May 2017)**
Department of Pharmaceutical Sciences
School of Health and Life Sciences, North South University, Dhaka, Bangladesh
- 2015 to 2017** **Postdoctoral Researcher**
Department of Neuroscience
University of Texas Southwestern Medical Centre Dallas, Texas, USA
Supervisor: Prof. Dr. Mark Henkemeyer
- 2013** **Postdoctoral Researcher**
Division of Neurobiology and Anatomy
Graduate School of Medical and Dental Sciences, Niigata University, Japan.
- 2009 to 2013** **Doctoral Researcher**
Department of Morphological Neural Science
Faculty of life sciences, Kumamoto University, Japan.
- 2007 to 2013** **Junior Lecturer (on study leave from 2009 to 2013)**
Department of Pharmacy, North South University, Dhaka.
- 2004 to 2006** **Lecturer**
Department of Pharmacy, Stamford University Bangladesh, Dhaka, Bangladesh

Research Profiles:

- Scopus** ID: 54398230600
- Google Scholar** asimbepari
- ResearcherID** ID: D-4001-2013

Administrative and Extracurricular Appointments:

- Feb 2019- to date** Research Coordinator, School of Health and Life Sciences
- 2017-2018** Coordinator, Spring 2018 Undergraduate Examination Committee
Department of Pharmaceutical Sciences, NSU
- 2017-2018** Graduate Program Coordinator (GPC)
Department of Pharmaceutical Sciences, NSU
- 2017** Coordinator, Academic Support Sub-committee
Department of Pharmaceutical Sciences, NSU
- 2014** Faculty advisor
North South University Pharmacy Club

Awards:

- 2011** *Financial support for young scientists*, Global COE, Kumamoto University, Japan.
- 2011** *GCOE Travel Award for Young Scientists*, Global COE, Kumamoto University, Japan.
- 2011** *Global COE Jr. Research Associate*, Global COE, Kumamoto University, Japan
- 2009 to 2013** *Monbukagakusho Fellowship* for doctoral study, MEXT, Japan.
- 1996 to 2001** *Jahangirnagar University Undergraduate and Postgraduate Scholarship* for excellent academic results in B.Pharm (Honours) and M.Pharm.

Industry Experience:

- 2002 to 2004** **Executive**
Division of International Marketing
The ACME Laboratories Limited, Dhaka, Bangladesh
- Coordinated international marketing operations of pharmaceutical finished products for countries like Australia, China, India, Sri Lanka, and Pakistan.
 - Major duties involved identification and development of international markets for medical products, drafting business agreements, preparation of marketing plans, development of promotional materials, preparation of reports, participation in international meetings and exhibitions.

List of Publications:

Research articles:

1. Reza, H.M., Saleh, R., Jain, P., Rahman, G.M.S., **Bepari, A.K.** (2020) C-MAF Expression in Adult Human Ocular Surface and its Implication in Pterygium Pathogenesis. *Rep. Biochem. Mol. Biol.* 8, 419–428.

2. Toda, H., Kawasaki, K., Sato, S., Horie, M., Nakahara, K., **Bepari, A.K.**, Sawahata, H., Suzuki, T., Takebayashi, H., Hasegawa, I. (2018) Cortical neuronal synchrony is modulated during radial, but not tangential, spike propagation. *Scientific Reports*, 8, Article number: 7678.
3. Talebian, A., Britton, R., Ammanuel, S., **Bepari, A.**, Sprouse, F., Birnbaum, S.G., Szabó, G., Tamamaki, N., Gibson, J., Henkemeyer, M. (2017). Autonomous and non-autonomous roles for ephrin-B in interneuron migration. *Developmental Biology*, 431 (2), 179-193.
4. Pohlkamp, T., Xiao, L., Sultana, R., **Bepari, A.**, Bock, H. H., Henkemeyer, M., & Herz, J. (2016). Ephrin Bs and canonical Reelin signalling. *Nature*, 539 (7630), E4-E6.
5. Horie, M., Watanabe, K., **Bepari, A. K.**, Nashimoto, J.-i., Araki, K., Sano, H., Chiken, S., Nambu, A., Ono, K., Ikenaka, K., Kakita, A., Yamamura, K.-i. and Takebayashi, H. (2014). Disruption of actin-binding domain-containing Dystonin protein causes dystonia musculorum in mice. *European Journal of Neuroscience*. 40(10):3458-3471.
6. **Bepari, A.K.**, Sano, H., Tamamaki, N., Nambu, A., Tanaka, K.F., and Takebayashi, H. (2012). Identification of optogenetically activated striatal medium spiny neurons by *Npas4* expression. *PLoS ONE* 7: e52783.
7. **Bepari, A.K.**, Watanabe, K., Yamaguchi, M., Tamamaki, N, and Takebayashi, H. (2012). Visualization of Odor-induced Neuronal Activity by Immediate Early Gene Expression. *BMC Neuroscience* 13: 140.
8. Watanabe, K., Takebayashi, H., **Bepari, A.K.**, Esumi, S., Yanagawa, Y., Tamamaki, N. (2011). Dpy19L1, a multi-transmembrane protein, regulates radial migration of glutamatergic neurons in the developing cerebral cortex. *Development* 138: 4979-4990.
9. **Bepari, A.K.**, Mazumder, M.E.H., Chowdhury, S.S., and Saha, P. (2007). Evaluation of the Potency of Amoxicillin Trihydrate Active Ingredient Manufactured Locally in Bangladesh. *USTA1*: 55-59.
10. **Bepari, A.K.**, Mazumder, M.E.H., Chowdhury, S.S., and Saha, P. (2006). Comparative study of the quality of four amoxicillin capsule brands marketed in Bangladesh in terms of packaging features, potency and dissolution profile. *Bangladesh J. Life Sci.* 18: 91-96.

Conference papers (Posters/Abstracts):

1. Pohlkamp T., Connor J., Durakogluligil M., Xian X., Xiao L., **Bepari A.**, Henkemeyer M., Herz J. (2016). Reelin and EphB/Ephrin-B Interplay: Neuronal Migration or Synaptic Plasticity? Neurobiology of Brain Disorders (GRS) Gordon Research Seminar. PGA Catalunya Business and Convention Centre, Girona, Spain. 2016.8.6-2016.8.7.
2. **Bepari, A.K.**, Watanabe, K., Yamaguchi, M., Tamamaki, N., and Takebayashi, H. (2012). Sensitive detection of neuronal activity by immediate early gene expression. *Journal of Neurochemistry* 123, Suppl. 1, 128.
3. Takebayashi, H., **Bepari, A.K.**, Yamaguchi, M., and Tamamaki, N. (2011). Brain Response to environmental change: Odor-evoked induction of activity-dependent gene expression in mouse brain. *54th Annual Meeting of The Japanese Society for Neurochemistry*. Ishikawa, Japan. P2-11, 2011.9.26-28.
4. **Bepari, A.K.**, Yamaguchi, M., Tamamaki, N., and Takebayashi, H. (2011). Detection of activity dependent gene expression in olfactory circuit by in situ hybridization probe set. *Neuroscience Research* 71, Supplement, e153.
5. Watanabe, K., Takebayashi, H., **Bepari, A.K.**, Esumi, S., Yanagawa, Y., and Tamamaki, N. (2011). Dpy19L1, a multi-transmembrane protein, is required for radial migration of glutamatergic neurons in the developing neocortex. *Neuroscience Research* 71, Supplement, e230.
6. Watanabe, K., **Bepari, A.K.**, Takeda, N., Araki, K., and Takebayashi, H. (2012). Roles of Dpy19 family in development of the cerebral cortex. *Journal of Neurochemistry* 123, Suppl. 1, 49.
7. **Bepari, A.K.**, Yamaguchi, M., Tamamaki, N., and Takebayashi, H. (2011). Brain response to environmental change: Odor-evoked induction of activity-dependent gene expression in mouse brain. *KEY Forum in Developmental Biology and Regenerative Medicine*. 100th Anniversary Memorial Hall, Kumamoto University, Kumamoto, Japan. 1-26, 2011.09.8-9.
8. Watanabe, K., Takebayashi, H., **Bepari, A.K.**, Esumi, S., Yanagawa, Y., and Tamamaki, N. (2010). Novel transmembrane protein Gsg1 is essential for radial migration and dendrite formation of glutamatergic neurons in the Cerebral cortex. *THE 29th NAITO CONFERENCE ON GLIA WORLD- Dynamic Function of Glial Cells in the Brain*. Shonan Village, Hayama-machi Miuragun, Kanagawa, Japan. 2010.10.05-08.
9. **Bepari, A.K.**, Usui, N., Ikenaka, K., Tamamaki, N., and Takebayashi, H. (2010). Left-right brain asymmetry in mice. *2010 Global COE-IMEG Joint Summer Retreat Seminar in Aso*. Mt. Aso, Japan. 2010.09.09-10.
10. Takebayashi, H., **Bepari, A.K.**, Usui, N., Ikenaka, K., and Tamamaki, N. (2010). Analysis on brain left-right asymmetry. *Fourth Neural Development Seminar*. Okazaki, Japan 2010.03.19-20.

Personal Information

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References

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