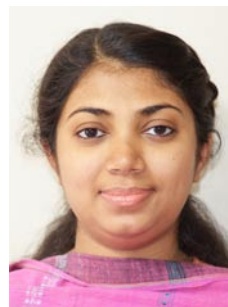


CURRICULUM VITAE

Dr. Tahmina Foyez

Assistant Professor
North South University
Dhaka, Bangladesh
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Personal Information:

Name: Tahmina Foyez
Father's Name: Foyez Ahmed
Mother's Name: Hosne Ara Begum
Place of Birth: Dhaka, Bangladesh
Nationality: Bangladeshi by Birth
Marital Status: Married

Language Proficiency:

Bengali: Mother tongue
English: Excellent proficiency in speaking, writing and reading
Hindi/Urdu: Proficiency in speaking is good, writing and reading is fair.
Arabic: Proficiency in reading is good, writing is fair.
Japanese: Proficiency in speaking, reading and writing is fair.

Educational Qualifications:

<i>Name of the Degree</i>	<i>Institute/Department</i>
Doctor of Philosophy	Department of Molecular Biology Graduate School of Medicine Nagoya University, Nagoya, Japan
Masters of Pharmacy	Department of Clinical Pharmacy & Pharmacology, University of Dhaka, Dhaka, Bangladesh
Bachelor of Pharmacy	Department of Pharmacy, University of Dhaka, Dhaka, Bangladesh
H.S.C.	Science, Bangladesh Navy College, Dhaka, Bangladesh
S.S.C.	General Science, Shaheed Abu Taleb High School, Dhaka, Bangladesh

Research Experiences:

<i>Research Institution</i>	<i>Research Project</i>	<i>Status</i>	<i>Period</i>
Department of Clinical Pharmacy & Pharmacology, University of Dhaka, Dhaka, Bangladesh	The isolation, structure elucidation of secondary metabolites and biological investigation of plant, <i>Bursera serrata</i> belonging to the Burseraceae family	Masters of Pharmacy Student	May 2007- August 2008
Department of Molecular Biology, Graduate School of Medicine, Nagoya University, Nagoya, Japan	Identification of the core protein of KSPG on microglia in ALS.	Visiting Researcher	July 2010- September 2011
Department of Molecular Biology, Graduate School of Medicine, Nagoya University, Nagoya, Japan	Expression and characterization of the 5D4 keratan sulfate epitope and sulfotransferases in the CNS of an ALS model mouse	Doctoral Student	October 2011- to date

Job Experiences:

i. Quality Control
Incepta Pharmaceutical Ltd.
Dhaka, Bangladesh
Duration: (August 2007~2010)

ii. Production Officer
Incepta Pharmaceutical Ltd.
Dhaka, Bangladesh
Duration: (August 2007~2010)

List of Publications:

Publications in Scientific Journals

- i. Hitomi Hoshino, Tahmina Foyez, Shiori Ohtake-Niimi, Yoshiko Takeda-Uchimura, Makoto Michikawa, Kenji Kadomatsu, Kenji Uchimura KSGal6ST Is Essential for the 6-Sulfation of Galactose within Keratan Sulfate in Early Postnatal Brain. *J Histochem Cytochem*, **62**, 2, 145-156, 2014

- ii. Tahmina Foyez, Yoshiko Takeda-Uchimura, Shinsuke Ishigaki, Narentuya, Zui Zhang, Gen Sobue, Kenji Kadomatsu, Kenji Uchimura Microglial Keratan Sulfate Epitope Elicits in Central Nervous Tissues of Transgenic Model Mice and Patients with Amyotrophic Lateral Sclerosis. *The American Journal of Pathology*, **2015**

Publications in Scientific Meetings/Bulletins

- i. Tomohiro Ohgomori, Takamistu Natori, Kazuma Sakamoto, Tahmina Foyez, Junichi Ukai, Kenji Kadomatsu: "Identification of novel keratan sulfate proteoglycans in central nervous system" 31th Naito Conference. Sapporo, September 2011.
- ii. Kenji Uchimura, Shiori Ohtake-Niimi, Yoshiko Takeda-Uchimura, Tahmina Foyez, Hitomi Hoshino, Makoto Michikawa, Kenji Kadomatsu Deficiency in the 6-sulfation of glcnac within keratan sulfate mitigates Alzheimer's pathology and memory impairment, *Alzheimer's & Dementia: The Journal of the Alzheimer's Association*, Volume 10, Issue 4, Supplement, Page P329, July 2014
- iii. Uchimura Kenji¹, Tahmina Foyez, Kadomatsu Kenji Characterization and analysis of the 5D4 keratan sulfate epitope expressed in tissues of neurodegenerative disease, *The 86th Annual Meeting of the Japanese Biochemical Society*, 1P-031, September 11-12, 2014
- iv. Tahmina Foyez, Deficiency in GlcNAc6ST1 and KSGal6ST abolishes the 5D4 Reactive Keratan Sulfate Expressed in the CNS of SOD1G93A, an ALS Model Mouse, 78th Japan Biochemical Society (Chubu Branch) meeting, 2014
- v. Tahmina Foyez, Uchimura Kenji, Kadomatsu Kenji Characterization and analysis of the 5D4 keratan sulfate epitope expressed in the spinal cord of SOD1 transgenic mice, *The 85th Annual Meeting of the Japanese Biochemical Society*, 2P-084, December 15, 2013
- vi. Foyez Tahmina, Uchimura Yoshiko, Niimi Shiori¹, Hoshino Hitomi, Michikawa Makoto, Kadomatsu Kenji, Uchimura Kenji Functional analysis of keratan sulfate and sulfotransferases expressed in the brain of Alzheimer disease model mice, *The 87th Annual Meeting of the Japanese Biochemical Society*, 4P-053, October 18, 2014
- vii. Tahmina Foyez, Yoshiko Takeda-Uchimura, Shinsuke Ishigaki, Zui Zhang, Narentuya, Gen Sobue, Kenji Kadomatsu, Kenji Uchimura; Title: Microglial keratan sulfate up-regulated in the spinal cord and brainstem of transgenic model mice and patients of ALS, 23rd International Symposium on Glycoconjugates, Croatia, September 15-20, 2015

List of Attended Conferences:

- i. 3rd International Symposium, NAGOYA Global Retreat, Nagoya, Japan
December 8, 2011
- ii. 4th NAGOYA Global Retreat at Obu. Aichi Health Plaza , Obu, Japan,
February 2012
- iii. 4th International Symposium, NAGOYA Global Retreat participants, Nagoya,
Japan 2012
- iv. 5th Nagoya Global Retreat at Obu. Aichi Health Plaza , Obu, Japan, February
2013
- v. 32nd Annual Japanese Society of Carbohydrate Research, Osaka , Japan. August
7, 2013
- vi. International Symposium on Glyco-Neuroscience, Awaji, Japan, January 2014
- vii. 6th Nagoya Global Retreat at Obu. Aichi Health Plaza , Obu, Japan, February
2014
- viii. International Symposium on Glyco-Neuroscience, Awaji, Japan, January 2014
- ix. 78th Annual Meeting of the Japanese Biochemical Society, Central Branch
Meeting Symposium, 2014
- x. 33rd Annual Japanese Society of Carbohydrate Research, Nagoya , Japan. 2014
- xi. 7th NAGOYA Global Retreat at Obu. Aichi Health Plaza , Obu, Japan,
February 2015

Research Intertest:

Glycoprotein, Sugar chain, Sulfotransferases enzymes,

Instrumentation Skills:

- i. Fluorescence Microscope
- ii. QPCR
- iii. Western Blotting
- iv. Genotyping
- v. Mouse line maintenance
- vi. Ultra centrifuge machine
- vii. Cell culture
- viii. Immuno histochemistry
- ix. Immuno cytochemistry
- x. Column chromatography
- xi. UV spectrometer
- xii. Mass Spectrometer
- xiii. Nuclear Magnetic Resonance

- xiv. pH meter
- xv. Other common laboratory instruments

Membership of the Scientific Organization:

Member, Japan Carbohydrate Society, Tokyo, Japan

Scholarship/Fellowship and Award:

Monbukagakusho (MEXT) scholarship (Ministry of Education, Culture, Sports, Science and Technology, Japan) for conducting Ph.D studies, October 2011 ~ September 2015

Countries Visited:

Japan, USA (Hawaii), China (Beijing, Qingdao, Tianjin, Kunming), India, Indonesia

Other Activities:

Research Assistant, Women Leaders Program to Promote Well-being in Asia, Nagoya University, Nagoya, Japan

Referees:

- i. Dr. Kenji Kadomatsu
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- ii. Dr. Kenji Uchimura
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