

## Curriculum Vitae

### A. Personal information

Name : Syeda Hasina Akter  
Date of birth and place : 14 February, 1981 in Dhaka, Bangladesh  
Sex : Female  
Nationality : Bangladeshi  
Marital status : Married

### B. Education

2009 to date: Ph.D. study in Agricultural Science  
Institute of Animal Science, Physiology and Hygiene Group,  
University of Bonn, Bonn, Germany  
2005 to 2006: Master of Science (M.S.) in Anatomy, Department of Anatomy and  
Histology, Faculty of Veterinary Science, Bangladesh Agricultural  
University, Mymensingh, Bangladesh  
1999 to 2004 : Doctor of Veterinary Medicine (DVM), Faculty of Veterinary Science,  
Bangladesh Agricultural University, Mymensingh, Bangladesh  
1997 to 1998: Higher Secondary Certificate (HSC), S.O.S Hermann Gmeiner  
College, Dhaka, Bangladesh  
1986 to 1996: Secondary School Certificate (SSC), M.D.C Model Institute, Dhaka,  
Bangladesh

### C. Professional career

2009 to date: Doctorate student in the Physiology and Hygiene Group, Institute  
of Animal Science, University of Bonn, Bonn, Germany  
2007 to date: Assistant Professor in the Department of Anatomy and Histology,  
(now on study leave) Faculty of Veterinary Science, Bangladesh Agricultural University,  
Bangladesh  
2005 to 2007: Lecturer in the Department of Anatomy and Histology, Faculty of  
Veterinary Science, Bangladesh Agricultural University,  
Bangladesh  
2005 to 2006: Research Associate in the Department of Anatomy and Histology,  
Faculty of Veterinary Science, Bangladesh Agricultural University,  
Bangladesh

### D. Awards

2008 Doctoral Fellowship of the Islamic Development Bank (IDB) Merit Scholarship  
Program at the University of Bonn, Germany  
2006: "Noor Jahan Kubbat Gold Medal" Award in recognition of meritorious  
performance in obtaining Master of Science (M.S.) in the department of  
Anatomy and Histology, Faculty of Veterinary Science, Bangladesh Agricultural  
University.  
2002: "Rahela Khatun Gold Medal" Award in recognition of meritorious performance  
in obtaining Graduation degree among the students of all the faculties of  
Bangladesh Agricultural University.

### E. Professional affiliations

- a) Member, World Veterinary Poultry Association (WVPA)
- b) Life Member, Bangladesh Society for Veterinary Medicine (BSVM)
- c) Life Member, Bangladesh Veterinary Council (BVC)

#### **F. Teaching experience**

Lectures and Practicals:

Lecture "Anatomy" (theory and practical), "General Histology and Embryology" (practical), "Systemic Histology" (practical) for the 1st year students Veterinary Science and Animal Husbandry and "Comparative Anatomy and Neuroanatomy" (practical) for the 2nd year students of Veterinary Science, Bangladesh Agricultural University, Bangladesh

#### **G. Training courses**

- 1) "Scientific Communication" course conducted by Faculty of Agriculture, University of Bonn, Germany; from 22 - 24 Jul, 2009
- 2) Workshop on "Physiology and Biotechnology of Machine Milking" conducted by Department of Veterinary Physiology, Vetsuisse Faculty, University of Bern, Switzerland; from 8 – 9 Oct, 2009
- 3) "IELTS Preparatory Course" (academic module: 60 contact hours) conducted by Department of Language, Bangladesh Agricultural University, Bangladesh; from Jun - Jul, 2007
- 4) "An Advanced Course on Communicative English" conducted by "Department of Language", Bangladesh Agricultural University, Mymensingh-2202, Bangladesh; from Feb - Apr, 2005
- 5) A Computer Training on "Basics of MS Office" organized by Graduate Training Institute (GTI), Bangladesh Agricultural University, Bangladesh; from 4 - 16 Dec, 2004
- 6) Successfully completed 6 months "Internship Program", conducted by Faculty of Veterinary Science, Bangladesh Agricultural University, Bangladesh; from Jul - Dec, 2004
- 7) "English Proficiency Course" conducted by Young Men's Christian Association (YMCA) English Language and TOEFL Coaching Institute, Dhaka, Bangladesh; from May - Aug, 1996

#### **H. Scientific publications:**

##### **M.S. dissertation:**

**Akter, S. H.** 2006. The effects of vitamin E and selenium on the major lymphoid tissues and mucosal immune system of broilers.

##### **Peer reviewed articles:**

- 1) **Akter S. H.**, S. Häussler, D. Germeroth, D. von Soosten, S. Dänicke, K.-H. Südekum, and H. Sauerwein. 2011. Immunohistochemical characterization of phagocytic immune cell infiltration into different adipose tissue depots of dairy cows during early lactation. *J. Dairy Sci.* (submitted to *J. Dairy Sci.*).
- 2) **Akter, S. H.**, S. Haeussler, S. Dänicke, U. Müller, D. von Soosten, J. Rehage, and H. Sauerwein. 2011. Physiological and conjugated linoleic acid-induced changes of adipocyte size in different fat depots of dairy cows during early lactation. *J. Dairy Sci.* 94(6):2871–2882.
- 3) Khan, M. Z. I., **S. H. Akter**, M. N. Islam, M. R. Karim, M. R. Islam, and Y. Kon 2008. The effect of selenium and vitamin E on the lymphocytes and immunoglobulin-containing plasma cells in the lymphoid organ and mucosa-associated lymphatic tissues of broiler chickens. *Anat. Histol. Embryol.* 37(1):52–59.
- 4) Karim, M. R., Z. Haque, M. Z. I. Khan, **S. H. Akter**, and R. Gofur. 2008. The brachial plexus of the Black Bengal Goat (*Capra hircus*). *Bangladesh Journal of Progressive Science and Technology* 6(1):113–116.
- 5) Uddin, M. J., M. S. Rahman, and **S. H. Akter**. 2007. Brucellosis of goats in Bangladesh. *Journal of the Bangladesh Agricultural University* 5(2):275–282.
- 6) Uddin, M. J., M. S. Rahman, M. R. Hossain, **S. H. Akter**, S. Majumder, J.-H. Park, and H.-J. Song. 2007. Relation between Brucellosis and husbandry practices in goats in Bangladesh. *Korean Journal of Veterinary Service* 30(2):261–269.
- 7) Uddin, M. J., M. S. Rahman, **S. H. Akter**, M. R. Hossain, M. T. Islam, M. A. Islam, J.-H. Park, and H.-J. Song. 2007. Seroprevalence of Brucellosis in small ruminants in selected area of Bangladesh. *Korean Journal of Veterinary Service* 31(4):511–525.
- 8) **Akter, S. H.**, M. Z. I. Khan, M. R. Karim, and Z. Haque. 2007. Morphological study of major lymphoid tissues and ileum of selenium and vitamin E-supplemented broilers. *Bangladesh Journal of Progressive Science and Technology* 5(1):57–62.
- 9) **Akter, S. H.**, M. Z. I. Khan, M. R. Jahan, M. R. Karim, and M. R. Islam. 2006. Histomorphological study of the lymphoid tissues of broiler chickens. *Bangladesh Journal of Veterinary Medicine* 4(2):87–92.
- 10) Jahan, M. R., M. Z. I. Khan, M. N. Islam, and **S. H. Akter**. 2006. Morphometrical analysis of harderian gland of broiler and native chickens of Bangladesh. *Journal of the Bangladesh Agricultural University* 4(2):273–278.

#### Proceedings:

- 1) **Akter, S. H.**, S. Häussler, S. Dänicke, and H. Sauerwein. 2011. Immunohistochemical evidence against an appreciable infiltration of macrophages into subcutaneous and visceral adipose tissue depots in dairy cows. *Proceedings of the Oskar Kellner Symposium*, 9 to 11 September, 2011, Warnemünde, Germany (accepted).
- 2) **Akter, S. H.**, S. Häussler, S. Kall, D. Germeroth, and H. Sauerwein. 2011. Macrophage infiltration into bovine subcutaneous adipose tissue related to adipocyte cell size. *Proceedings of the 7<sup>th</sup> International Conference on Farm Animal Endocrinology (ICFAE)*, 24 to 26 August, 2011, Bern, Switzerland.
- 3) Germeroth, D., S. Häussler, **S. H. Akter**, and H. Sauerwein. 2011. Adipocyte cell turnover in bovine subcutaneous adipose tissue related to adipocyte cell size. *Proceedings of the Joint Annual Meeting of ADSA and ASAS*, 10 to 14 July, 2011, New Orleans, Louisiana.
- 4) Saremi, B., H. Sauerwein, D. von Soosten, S. Dänicke, **S. H. Akter**, S. Häussler, and M. Mielenz. 2011. Conjugated linoleic acid (CLA) and lactation related changes of

- leptin and the long form leptin receptor (ObRb) mRNA abundance in different bovine tissues and their correlation to individual fat depots mass and adipocyte cell size. Proceedings of the 7<sup>th</sup> International Conference on Farm Animal Endocrinology (ICFAE), 24 to 26 August, 2011, Bern, Switzerland.
- 5) **Akter, S. H.**, H. Sauerwein, D. von Soosten, S. Dänicke, and S. Häussler. 2010. Physiological and conjugated linoleic acid (CLA) induced changes of adipocyte size in different fat depots of dairy cows. Proceedings of the 14<sup>th</sup> International Conference on Production diseases in Farm Animals (ICPD), 20 to 24 June, 2010, Ghent, Belgium.
  - 6) **Akter, S. H.**, M. Z. I. Khan, and M. J. Uddin. 2007. Morphological study of the major lymphoid tissues and ileum of broiler chickens fed diets supplemented with selenium and vitamin E. Proceedings of the 15<sup>th</sup> Congress and Exhibition of the World Veterinary Poultry Association (WVPA), 10 to 15 September, 2007, Beijing, China.
  - 7) **Akter, S. H.** M. Z. I. Khan, and M. J. Uddin. 2007. Effects of selenium and vitamin E on the lymphocytes and immunoglobulin (Ig)-containing plasma cells in the lymphoid organs and mucosa-associated lymphatic-tissues (MALT) of broiler chickens. Proceedings of the 15<sup>th</sup> Congress and Exhibition of the World Veterinary Poultry Association (WVPA), 10 to 15 September, 2007, Beijing, China.
  - 8) Uddin, M. J., M. Das, and **S. H. Akter**. 2007. Persistence of maternally derived antibody in selected groups of ducklings to duck plague virus vaccine. Proceedings of the 15<sup>th</sup> Congress and Exhibition of the World Veterinary Poultry Association (WVPA), 10 to 15 September, 2007, Beijing, China.

**Referees:**

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