Curriculum Vitae
of
Md. Mostofa KAMAL
(DVM, MS, PhD)

Last Name	:	**KAMAL**
First Name	:	Md. Mostofa
Date and Place of Birth	:	15 October 1973; Gaibandha, Bangladesh
Nationality	:	Bangladeshi (by birth)
Country of Residence	:	Bangladesh
Sex and Marital Status	:	Male; Married
Spouse Name	:	Dr. Nasreen Parveen
Children (1)	:	Rifa Tasfia (19 years old)
Children (2)	:	Basratul Rafid (16 years old)
Profession	:	Veterinarian, Researcher
Place of Work (Address for correspondence)	:	Md. Mostofa Kamal, PhD Director Livestock Research Institute (LRI) Department of Livestock Services School Road, Mohakhali, Dhaka
		Phone : +880 2226 603157
		Mobile : 01715805090 (personal) 01324 288970 (official)
		E-mail : mostofa.kamal.phd@gmail.com
Home Address	:	Father- Abdul Lafif Akond; Mother- Aleya Begum Village- South Sathalia; Post- Munshirhat; Upazila-Saghata; District- Gaibandha; Country- Bangladesh
		Phone : +88 01716 199539
		E-mail : dnparveen@gmail.com
Current Place of Residence	:	Bijoy Rakeen City (Building A7 Tower 1, Flat 10/04), Mirpur-15, Dhaka

Key Expertise:

- Have strong ability to provide technical assistance regarding economic and social development of the poor communities through agro-based interventions.
- Skill in development of agro-based enterprises through access to finance, processing and marketing and improvements of technology.
- Have strong ability to perform problem identification and decision-making and conflict management.
- Experience in conducting need based formal or informal training for staff and farmer participants.
- More than 15 years of experience in agricultural development with governmental and non-governmental organizations.
- Have working experience with Chars Livelihoods Programme (CLP) of DFID and with Local Service Provision (LSP) of Inter-cooperation.
- Experienced in conducting and facilitating field level beneficiary training with preparation of training and extension material.

- Have ability to work with multi-disciplinary team thinking clearly and analytically.
- Experienced in operational planning and implementation of social and economic development activities related to agriculture.

Educational Qualification (after 12 years of formal education):

Doctor of Veterinary Medicine (DVM) in Veterinary Science in 1995
Master of Science (MS) in Microbiology in 1999
Doctor of Philosophy (PhD) in Veterinary Science in 2015
Post-Doctoral Research in Veterinary Science in 2017

DEGREE	INSTITUTE	SUBJECTS STUDIED	RESULT	REMARKS
Doctor of Veterinary Medicine (DVM) in 1995	Bangladesh Agricultural University, Mymensingh	Microbiology, Parasitology, Histology, Pathology, Surgery, Pharmacology, Anatomy, Obstetrics, Medicine etc.	First Class (66.22% Marks) with First position	Four years course in English Medium
Master of Science in Microbiology (MS) in 1999	Bangladesh Agricultural University, Mymensingh	Bacteriology, Virology, Immunology and Serology, Replication of DNA, Protein Biosynthesis and Introduction to Recombinant DNA etc. Research Topic: Investigation on microflora of the uterine discharge in repeat breeding cows	First Class with Distinction (83.13% Marks)	One and half years course in English Medium
Doctor of Philosophy (PhD) in Veterinary Science	Bangladesh Agricultural University, Mymensingh	Research Topic: Clinical management of postpartum anoestrous cows using ultrasonography	Passed	
Post-Doctoral Research in Veterinary Science	Ghent University, Belgium	Research Topic: Improvement of Cattle Fertility and Fetal Programming guided by Ultrasonography, Hormonal Assay and Metabolic Profiling	Passed	For 2 years

*Grading System, First Class (60-100%), Second Class (45-below 60%) marks

Awards and Prizes

(1.) **'University Prize'** for securing first position out of 72 students in Bachelor studies (DVM)
(2.) **'University Gold Medal'** for securing highest mark (83.13%) in Masters studies (MS), First Class with Distinction

Language Proficiency: Good working level in English.
Computer Proficiency: Good command on computer.
Foreign Training:

No.	Course Title	Name of Institution	Duration		Remarks
			From	To	
1.	Basic Course on Veterinary Epidemiology	Ghent University, Belgium	12/09/2011	23/09/2011	2 Weeks
2.	Low Countries Studies	Ghent University, Belgium	16/02/2012	31/05/2012	Weekly, 12 evenings
3.	Logistic Regression	Ghent University, Belgium	24/04/2012	29/05/2012	5 days
4.	VIBes in Biosciences	Flemish Training Network in Life Sciences, Belgium	05/09/2012	07/09/2012	3 days
5.	Act, Policy and Standards for quality control of animal feeds and foods originated from animal	Temple University, Japan	03/06/2018	09/06/2018	7 days
6.	Dairy farm management, milk processing, product diversification and marketing	University Malaysia Sarawak Learning Centre Kuala Lumpur, Malaysia	29/09/2019	05/10/2019	7 days

Domestic Training:

No.	Course Title	Name of Institution	Duration		Remarks
			From	To	
A	**Fundamental Topics**				
1.	Foundation Training Course	Bangladesh Public Administration Training Centre (BPATC), Savar, Dhaka	02/08/2000	29/11/2000	4 Months
2.	Poverty Alleviation Strategies	Rural Development Academy, Bogra	23/09/2000	28/09/2000	8 days
3.	Enhancing Training Quality and Facilitation Skills	MDC-Bangladesh, Dhaka	01/11/2006	05/11/2006	5 days
4.	Organization and business management	Department of Agricultural Extension, Dhaka	04/02/2009	05/02/2009	2 days
5.	Data analysis: MStatc and SPSS	Graduate Training Institute, Bangladesh Agricultural University,	17/01/2010	28/01/2010	12 days

		Mymensingh			
6.	Public Procurement	PPRP-II AF project of CPTU	28/08/2016	30/08/2016	3 days
7.	Management Information System	Udemy	01/11/2016	24/12/2016	7.5 hours online course
8.	MS Office – Advanced – Efficiency Training	Udemy	24/12/2016	07/01/2017	2.5 hours online course
9.	Supporting smallholders farmers in Asia and Pacific Islands Region through Strengthened Agricultural Advisory Services	Bangladesh Agricultural Extension Network (BAEN) at BARD in Comilla	01/04/2017	02/04/2017	Consultation and Planning Workshop
B	**Livestock-related Topics**				
1.	Coordination and integration of Reproductive Health	Government-BPATC	12/10/2000	14/10/2000	2 days
2.	Commercial Poultry Production Practices	Department of Livestock Services (DLS)	17/11/2002	21/11/2002	5 days
3.	Goat Production and Management	Bangladesh Livestock Research Institute (BLRI)	21/06/2003	25/06/2003	5 days
4.	Poultry Disease Diagnosis	Government of Bangladesh	26/06/2003	30/06/2003	5 days
5.	Methodology of Progeny Testing	Department of Livestock Services (DLS), Dhaka	22/02/2007	27/02/2007	6 days
6.	Avian Influenza Outbreak Management	Department of Livestock Services (DLS), Dhaka	12/06/2007	13/06/2007	2 days
7.	Culling, safe disposal, bio-containment and security	Department of Livestock Services (DLS), Dhaka	25/06/2008	26/06/2008	2 days
8.	Sheep Production and Management	Bangladesh Livestock Research Institute (BLRI)	19/10/2008	21/10/2008	3 days
9.	Animal welfare at slaughter and killing for disease control	Better Training for Safer Food of European Commission	09/05/2016	27/05/2016	9 hours online course
10.	Overview and safe	ESCO Biological	23/07/2018	23/07/2018	

	use of laboratory ventilation equipment	Safety Institute			
11.	Understanding training course on ISO/IEC 17025:2017	Bangladesh Accreditation Board	12/08/2018	14/08/2018	
12.	Biosafety and Biosecurity, Quality Management Systems, Chemical Safety and Writing SOP	Bangladesh Biosafety and Biosecurity Society	17/10/2020	21/10/2020	

Professional Experience:

October 1999 to November 2009
Employer : Government of People's Republic of Bangladesh
Department : Department of Livestock Services (DLS)
Position held : Veterinary Surgeon
Responsibilities:

- Regular support to field stuff and community people to identify livestock and poultry disease related problems.
- Transfer of sustainable technologies to livestock farmers for livestock breed up-gradation and fodder cultivation.
- Treatment and control of livestock and poultry diseases at field level.
- Farmer's awareness by training, motivational programme and incentive support.

December 2009 to October 2016
Employer : Government of People's Republic of Bangladesh
Placement : Department of Livestock Services (DLS)
Position held : Upazila Livestock Officer
Responsibilities:

- Overall management and coordination of livestock activities for livestock development and poverty alleviation.
- Regular support to field stuff and community people to identify livestock and poultry related problems.
- Transfer of sustainable technologies to livestock farmers for livestock breed up-gradation and fodder cultivation.
- Prevention and management of livestock and poultry diseases at field level.
- Poverty alleviation of poor farmers through micro-credit support.
- Farmer's awareness by motivational programme and incentive support.

On 23 October 2016:
Promoted to District Livestock Officer
Worked at Artificial Insemination and Embryo Transfer (AIET) Project under DLS

July 2017 to October 2022:
Project Director

QC Lab Establishment project
Department of Livestock Services

February 2023 to August 2023:
Principal
Institute of Livestock Science and Technology (ILST)
Department of Livestock Services, Netrokona

August 2023 to till date:
Director
Livestock Research Institute (LRI)
Department of Livestock Services, Mohakhali, Dhaka

Teaching Experience:

July 2001 to December 2002
Employer : Bangladesh Open University
Placement : School of Agriculture and Rural Development
Position held : Tutor
Responsibilities:

- Course (BAE-4104) tutor for `Dairy Breed Improvement and Establishment of Dairy Farm'.
- Course (CLP-1104) tutor for ` Artificial Insemination and Farm Establishment'.

Research Experience:

Master's Studies

Supervisors	:	Professor Md. Mansurul Amin, PhD Professor Md. Golam Shahi Alam, PhD
Title	:	Investigation on Microflora of the Uterine Discharge in Repeat Breeding Cows
Year	:	July 1998 to December 1999
University	:	Bangladesh Agricultural University, Mymensingh
Funding:	:	A project titled "Optimization of Fertility of Repeat Breeder Zebu Cows through Microbiological Interventions" funded by Bangladesh Agricultural University Research System (BAURES), Bangladesh

PhD Research

Promoters	:	Professor Md. Musharraf Uddin Bhuiyan, PhD Professor Harry W. Momont, PhD Professor Mohammed Shamsuddin, PhD
Title	:	Clinical Management of Postpartum Anoestrous Cows using Ultrasonography
Year	:	June 2009 to June 2011
University	:	Bangladesh Agricultural University, Mymensingh

Funding	:	A project titled "Introduction of Herd Health Services for Sustainable Improvement of Dairy Production and Marketing through Farmers' Associations in Bangladesh" funded by United States Department of Agriculture (USDA), USA.

Post Doctoral Research

Promoters	:	Professor Geert Opsomer, PhD Professor Ann Van Soom, PhD
Title	:	Improvement of Cattle Fertility and Fetal Programming guided by Ultrasonography, Hormonal Assay and Metabolic Profiling
Year	:	July 2011 to June 2013
University	:	Ghent University, Belgium
Funding	:	Belgian BOF scholarship.

Research Interests: Bovine fertility and developmental programming

International conference/symposium attended

1. Epigenetics and Periconception Environment: The 1st General Conference of EPICONCEPT, 24-25 April 2013, Antalya, Turkey.
2. Improving Smallholder and Industrial Livestock Production for Enhancing Food Security, Environment and Human Welfare: The 15th AAAP Animal Science Congress of the Asian-Australasian Association of Animal Production Societies. 26-30 November 2012, Thammasat University, Bangkok, Thailand.
3. VIBes in Biosciences: The 3rd International VIB PhD Student Symposium, 5-7 September 2012, Ghent, Belgium.
4. The 16th Annual Conference of the European Society for Domestic Animal Reproduction (ESDAR), 29 August to 1 September 2012, University College Dublin, Dublin, Ireland.
5. Dairying for Food Security and Livelihood Development. International Dairy Conference, 03-05 April 2010, Bangladesh Agricultural University, Mymensingh, Bangladesh.

List of Publications:

Books and Theses

1. **Kamal MM**. 2020. Pranisampad O Unnayan (Livestock and Development; 3rd Version). Bangla Prokashon, Saghata, Gaibandha.
2. Noor Uddin G, Hannan ASMA, **Kamal MM**. 2019. A Review on Quality and Safety of Animal Source Foods. Quality Control Laboratory for Livestock Inputs and its Food Products, Department of Livestock Services, Bangladesh.
3. **Kamal MM**. 2017. Evidence for metabolic programming in dairy cattle based on field date. PhD Dissertation, Department of Reproduction, Obstetrics and Herd Health, Faculty of Veterinary Medicine, Ghent University, Mymensingh, Belgium.
4. **Kamal MM**. 2014. Clinical Management of Postpartum Anoestrous Cows using Ultrasonography. PhD Dissertation, Department of Surgery and Obstetrics, Bangladesh Agricultural University, Mymensingh, Bangladesh.

5. **Kamal MM**, Rahman MS and Shohag AB. 2011. Postpartum Anestrus in Water Buffaloes: Bangladesh Perspective. LAP LAMBERT Academic Publishing, USA.
6. **Kamal MM**. 1999. Investigation on Microflora of the Uterine Discharge in Repeat Breeding Cows. MS Thesis, Department of Microbiology and Hygiene, Bangladesh Agricultural University, Mymensingh, Bangladesh.

Articles - A1 (articles published in international journals)

1. Hossain MM, Hannan ASMA, **Kamal MM**, Hossain MA and Quraishi SB. 2022. Appraisal and Validation of a Method (MVU-AAS) Used for the Detection of a Toxic Metal Mercury (Hg) in Poultry Feed Available in Bangladesh. Austin Journal of Analytical and Pharmaceutical Chemistry 9(2): id1147
2. Hossain MM, Hannan ASMA, **Kamal MM**, Hossain MA, Quraishi SB. 2022. Appraisal and validation of a method used for detecting heavy metals in poultry feed in Bangladesh. Veterinary World 15(9): 2217-2223. DOI: 10.14202/vetworld.2022.2217-2223
3. Hossain MM, Hannan ASMA, **Kamal MM**, Hossain MA, Zaman S. 2022. Determination of Heavy Metals (Pb, Cd) and Evaluation of Commercially Produced Broiler Feed Available in Bangladesh. European Journal of Agriculture and Food Sciences 4(4): 6-10. DOI: 10.24018/ejfood.2022.4.4.511
4. Hossain MM, Hannan ASMA, **Kamal MM**, Hossain MA, Zaman S. 2022. Evaluation of Broiler Meat through Detection of Poisonous Metals (Cr, Cd) Available in Bangladesh. Austin Journal of Analytical and Pharmaceutical Chemistry 9(2: id1145
5. Hossain MM, Hannan ASMA, **Kamal MM**, Hossain MA. 2022. Detection of heavy metals and evaluation of beef procured from the different market of Dhaka in Bangladesh. European Journal of Food Science and Technology 10(2): 1-10
6. Hossain MM, Hannan ASMA, **Kamal MM**, Hossain MA, Zaman S. 2022. Development and Ratification of a Precise Method (GF-AAS) Used for the Determination of Poisonous Metal Lead (Pb) in Dairy Cow Milk Sample Commonly Available in the Market of Bangladesh. Austin Journal of Analytical and Pharmaceutical Chemistry 9(1): id1142
7. Hosain MZ, Islam SMS, **Kamal MM**. 2022. Investigation on Chloramphenicol Residues in Poultry Meat in Bangladesh Using a Validated Liquid Chromatography-Tandem Mass Spectrometry. Austin Journal of Analytical and Pharmaceutical Chemistry 9(2): id1146
8. Hosain MZ, Islam SMS, **Kamal MM**. 2022. Analytical Method Validation for Quantification of Chloramphenicol Residues in Poultry Meal Using a Liquid Chromatography-Tandem Mass Spectrometry. American Journal of Chemical and Biochemical Engineering 6(2): 44-50. DOI: 10.11648/j.ajcbe.20220602.11
9. Al-Amin M, **Kamal MM**. 2022. Integration of MALDI TOF MS in the Most Probable Number Method for Enumeration of Escherichia coli Significantly Reduces the Assay Time. International Journal of Microbiology and Biotechnology 7(2): 106-114. DOI: 10.11648/j.ijmb.20220702.19
10. Al-Amin M, Rahman MM, **Kamal MM**. 2022. Microbiological Quality Assessment of Frozen Beef in Bangladesh. International Journal of Microbiology and Biotechnology 7(2): 98-105. DOI: 10.11648/j.ijmb.20220702.18

11. Al-Amin M, Rahman MM, Aktar M, **Kamal MM**. 2022. Development and Verification of a MALDI-TOF MS-Based Method for Rapid and Confirmatory Identification of Salmonella in Feed and Foods. International Journal of Microbiology and Biotechnology 7(2): 84-92. DOI: 10.11648/j.ijmb.20220702.16
12. Hosain MZ, Islam SMS, **Kamal MM**, Rahman MM. 2022. Quantitative Analysis of Fat-Soluble Vitamins in Feed Additives Using an In-House Developed and Validated HPLC Method. Austin Journal of Analytical and Pharmaceutical Chemistry 9(2): id1143
13. Al-Amin M, Pasha MH, Hoque MN, Siddiki AZ, Saha S, **Kamal MM**. 2022. Methodology for laboratory-based antimicrobial resistance surveillance in animals. Veterinary World 15(4): 1066-1079. DOI: 10.14202/vetworld.2022.1066-1079
14. Hosain MZ, Islam SMS, **Kamal MM. 2021**. Development of a rapid and reliable high-performance liquid chromatography method for determination of water-soluble vitamins in veterinary feed premix. Veterinary World 14(12): 3084-3090. DOI: 10.14202/vetworld.2021.3084-3090.
15. Hosain MZ, Kabir SML, **Kamal MM. 2021**. Antimicrobial uses for livestock production in developing countries. Veterinary World 14(1):210-221. DOI: 10.14202/vetworld.2021.210-221
16. Al-Amin M, Hoque MN, Siddiki AZ, Saha S, **Kamal MM**. 2020. Antimicrobial resistance situation in animal health of Bangladesh. Veterinary World 13(12): 2713-2727. DOI: 10.14202/vetworld.2020.2713-2727
17. Van Eetvelde M, **Kamal MM,** Vandaele L, Opsomer G. 2017. Season of birth is associated with first lactation milk yield in Holstein Friesian. Animal 11(12): 2252-2259. DOI: 10.1017/S1751731117001021
18. **Kamal MM**, Van Eetvelde M, Vandaele L, Opsomer G. 2017. Environmental and maternal factors associated with gross placental morphology in dairy cattle. Reproduction in Domestic Animals 52(2): 251-256 DOI: doi: 10.1111/rda.12887
19. Opsomer G, Van Eetvelde M, **Kamal MM** and Van Soom A. 2017. Epidemiological evidence for metabolic programming in dairy cattle. Reproduction, Fertility and Development 29: 52–57 DOI: 10.1071/RD16410
20. Van Eetvelde M, **Kamal MM**, Hostens M, Vandaele L, Fiems LO and Opsomer G. 2016. Evidence for placental compensation in cattle. Animal 10 (8): 1342-1350 DOI: 10.1017/S1751731116000318
21. **Kamal MM**, Van Eetvelde M, Bogaert H, Hostens M, Vandaele L, M Shamsuddin and Opsomer G. 2015. Environmental factors and dam characteristics associated with insulin sensitivity and insulin secretion in newborn Holstein calves. Animal 9 (9): 1490-1499 DOI: 10.1017/S1751731115000701
22. **Kamal MM**, Van Eetvelde M, Depreester E, Hostens M, Vandaele L and Opsomer G. 2014. Age at calving in heifers and level of milk production during gestation in cows are associated with the birth size of Holstein calves. Journal of Dairy Science 97 (9): 5448-5458 DOI: 10.3168/jds.2014-7898
23. Depreester E, **Kamal MM**, Van Eetvelde M, Hostens M, Opsomer G. 2014. Maternal and environmental factors associated with the birth weight of Holstein calves. Vlaams Diergeneeskundig Tijdschrift 83 (1): 3-13 URL: http://vdt.ugent.be/sites/default/files/artikel01.pdf

24. **Kamal MM**, Bhuiyan MMU, Parveen N, Momont HW and Shamsuddin M. 2014. Risk Factors for postpartum anestrus in crossbred cows in Bangladesh. Turkish Journal of Veterinary and Animal Sciences 38 (2): 151-156 DOI: 10.3906/vet-1303-74
25. Rahman MB, **Kamal MM**, Rijsselaere T, Vandaele L, Shamsuddin M and Van Soom A. 2014. Altered chromatin condensation of heat-stressed spermatozoa perturbs the dynamics of DNA methylation reprogramming in the paternal genome after in vitro fertilisation in cattle. Reproduction, Fertility and Development 26 (8): 1107-1116 DOI: 10.1071/RD13218
26. **Kamal MM**, Opsomer G, Parveen N, Momont HW and Shamsuddin M. 2013. Comparative efficacy of the synchrony programmes in subestrus crossbred cows at smallholder farms in Bangladesh. Journal of Applied Animal Research 41 (4): 448-454 DOI: 10.1080/09712119.2013.792736
27. Rahman MS, Shohag AB, **Kamal MM**, Bari FY and Shamsuddin M (2012). Preovulatory follicular and subsequent luteal size influence pregnancy success in Water buffaloes. Journal of Reproduction and Development 58 (2): 219-222. DOI: 10.1262/jrd.11-111T

Articles - A2 (articles published in widely circulated scholarly or scientific journals)

1. Van Soom A, Vandaele L, Goossens K, Heras S, Wydooghe E, Rahman MB, **Kamal MM**, Van Eetvelde M, Opsomer G, Peelman L. 2013. Epigenetics and the periconception environment in ruminants. Proceedings of the Belgian Royal Academies of Medicine 2: 1-13.
2. **Kamal MM**, Rahman MM, Momont HW and Shamsuddin M. 2012. Underlying disorders of postpartum anoestrus and effectiveness of their treatments in crossbred dairy cows. Asian Journal of Animal Sciences 6(3): 132-139. DOI: 10.3923/ajas.2012.132.139
3. Rahman MS, Shogag AS, **Kamal MM**, Parveen N and Shamsuddin M. 2012. Application of ultrasonography to investigate postpartum anestrus in Water Buffaloes. Reproductive Developmental Biology 36 (2): 103-108.
4. **Kamal MM.** 2010. A review on cattle reproduction in Bangladesh. International Journal of Dairy Science 5 (4): 245-252. DOI: 10.3923/ijds.2010.245.252

Articles- A3 (articles published in national journals with peer review)

1. Pradhan MGA, Rahman MS, Kwon WS, Mishra D, **Kamal MM**, Bhuiyan MMU and Shamsuddin M. 2013. Duration of preservation affect the quality of chilled Black Bengal buck semen. Journal of Embryo Transfer 28 (2): 113-119. DOI: 10.12750/JET.2013.28.2.113
2. Hoque MN, Talukder AK, **Kamal MM**, Jha AK, Bari FY and Shamsuddin M. 2011. Ovulation synchronization in Water Buffaloes guided by milk progesterone ELISA. Journal of Embryo Transfer 26 (2): 105-109.
3. Akter T, **Kamal MM**, Talukder AK, Akter Z, Bari FY and Shamsuddin M. 2011. Postpartum ovarian cyclicity of zebu cows in Bangladesh. VetScan 6 (1): Article 85. URL: http://www.vetscan.co.in/v6n1/85-Postpartum-Ovarian-Cyclicity-Zebu-Cows-Bangladesh.htm
4. Jha AK, Hoque MN, **Kamal MM**, Rahman MM, Bhuiyan MMU and Shamsuddin M. 2010. Prevalence of mastitis and efficacy of different treatment regimens on

clinical mastitis in cows. SAARC Journal of Agriculture 8(1): 79-89.URL: http://www.saarcagri.org/images/abook_file/sja_v_8_i_1.pdf

5. Akter Z, Talukder AK, Akter T, Kabir MS, **Kamal MM**, BariFY and Shamsuddin M. 2010. Ultrasonographic examination of ovarian cyclicity in zebu cows of Bangladesh. Vet Scan 5 (2). Article 65. URL:http://www.vetscan.co.in/v5n2/65-usg-study-ovary-cow.htm
6. **Kamal MM**, Iqbal DMH and Khaleduzzaman ABM. 2009. Supplementation of maize-based concentrates and milk production in indigenous cows. Bangladesh Veterinarian 26 (2): 48-53. URL: http://journals.sfu.ca/bd/index.php/BVET/article/view/4950/3960
7. Rahman MA, Bhuiyan MMU, **Kamal MM** and Shamsuddin M. 2009. Prevalence and risk factors of mastitis in dairy cows. The Bangladesh Veterinarian 26 (2): 54-60. URL: http://journals.sfu.ca/bd/index.php/ BVET/article/view/4951/3961
8. Uddin MA, **Kamal MM** and Haque ME. 2009. Epidemiological study of udder and teat diseases in dairy cows. Bangladesh Journal of Veterinary Medicine 7 (2): 332-340. URL: http://www.banglajol.info/index.php/BJVM/article/view/6000/4701
9. Trisha AA, Mostofa M, Bhuyan AAM, Islam MS and **Kamal MM.** 2009. Efficacy of Raanivet in the immune response against Newcastle disease. International Journal of BioResearch 6 (1): 83-86. URL: http://www.inri-net.org/arcive.html
10. Alam MGS, **KamalMM** and Amin MM. 2007. Bacteria and fungi in uterine infections in cows. The Bangladesh Veterinarian 24 (1): 1-12
11. Parveen N, **Kamal MM**, Saha S and Choudhury KA. 2002. Characterization and antibiogram of *Staphylococcus aureus* isolated from market meat and food handlers. Indian Journal of Animal Sciences 72 (2): 195-196
12. Parveen N, **Kamal MM**, Saha S and Choudhury KA. 2001. Characterization and antibiogram of *Staphylococcus aureus* Isolated from mastitic milk. Bangladesh Veterinary Journal 35 (1-2): 29-33
13. **Kamal MM**, Parveen N, Saha S and Amin MM. 2001. Bacteriological study on uterine discharge in repeat breeder cows. Bangladesh Veterinary Journal 35 (1-2): 49-52
14. Parveen N, **Kamal MM**, Choudhury KA and Saha S. 2000. Studies on pathogenicity of *Staphylococcus aureus* isolated from dermatitis lesions of cattle. Bangladesh Veterinary Journal 34 (1-2): 17-21
15. **Kamal MM**, Parveen N, Amin MM and Alam MGS. 1999. Mycoflora in the uterine exudate of repeat breeder cows. Bangladesh Veterinary Journal 33 (3-4): 83-86

Abstracts published in international conferences (oral or poster presentation):

1. **Kamal MM**, Rahman MB, De Koster J, Van Eetvelde M, Van Soom A and Opsomer G. Chromatin of germinal vesicle is hypomethylated in fat cows compared to cows of moderate body condition. Proceeding of the 1stGeneral Meeting of Epiconcept, Antalya, Turkey 24th-25th April 2013, page 119
2. Rahman MB, **Kamal MM**, Rijsselaere T, Vandaele L, Shamsuddin M and Van Soom A. 2013. Altered chromatin conformation in bovine spermatozoa perturbs dynamic DNA methylation in the male pronucleus after fertilization in vitro. Proceedings of the 39thAnnual Conference of the International Embryo Transfer Society (IETS), Hannover, Germany, 19-22 January 2013. Reproduction, Fertility

and Development 25 (1): 150. URL: http://www.publish.csiro.au/paper/RDv25n1Ab6.htm

3. **Kamal MM**, Opsomer G, Parveen N, Momont HW and Shamsuddin M. 2012.Body condition, suckling and calving season influence the prevalence of true anoestrus in postpartum crossbred cows in Bangladesh. Proceedings of the 15th AAAP Animal Science Congress, 26-30 November 2012, Thammasat University, Rangsit Campus, Bangkok, Thailand. pp 270.
4. **Kamal MM**, Opsomer G, Parveen N, Momont HW and Shamsuddin M. 2012. Farmers' skill and linkage to milk market influence the prevalence of anoestrus in postpartum crossbred cows in Bangladesh. Proceedings of the 15th AAAP Animal Science Congress, 26-30 November 2012, Thammasat University, Rangsit Campus, Bangkok, Thailand. pp914.
5. **Kamal MM**, Van Eetvelde M, Opsomer G. 2012. Time of conception during lactation in Holstein cows influences the basal metabolic parameters and pancreatic β-cell function of the newborn calves. Proceeding of the 28th Scientific Meeting of the European Embryo Transfer Association, 7-8 September 2012, Saint Malo, France. pp 166.
6. Van Eetvelde M, **Kamal MM**, FiemsLO, OpsomerG. 2012. Pancreatic β-cell function of a newborn Belgian Blue calf is influenced by its birth weight and parity of the dam. Proceeding of the 28th Scientific Meeting of the European Embryo Transfer Association, 7-8 September 2012, Saint Malo, France. pp 222.
7. **Kamal MM**, Van Eetvelde M, Vandaele L, Opsomer G. 2012. Pancreatic β-cell function is positively correlated with the size of newborn Holstein calves. Proceeding of the 16th Annual Conference of the European Society of Domestic Animal Reproduction (ESDAR), Reproduction in Domestic Animals 47 (5): 91.
8. Van Eetvelde M, **Kamal MM**, Fiems LO, Opsomer G. 2012. Pancreatic β-cell function differs between Belgian Blue and Holstein calves. Proceeding of the 16th Annual Conference of the European Society of Domestic Animal Reproduction (ESDAR), Reproduction in Domestic Animals 47 (5): 112.
9. Opsomer G, **Kamal MM**, Van EetveldeM, VandaeleL, Hostens M. 2012. Placental development in Holstein cattle is correlated with dam characteristics and β-cell function of the newborn calf. Proceeding of the 16th Annual Conference of the European Society of Domestic Animal Reproduction (ESDAR), Reproduction in Domestic Animals 47 (5): 69.
10. Shamsuddin M, Hoque MM, **Kamal MM**, Rahman MM, Goodger WJ, Momont H, Frank G and Akhteruzzaman M. 2010. Productivity veterinary services and milk marketing through communities increase milk production and farmers income. In the proceedings of 'International Symposium on Sustainable Animal Production in the Tropics: Farming in a Changing World', 14-18 November 2010, Guadeloupe, France. Advances in Animal Biosciences 1 (2): 516-517 URL: http://journals.cambridge.org/abstract_S2040470010001317
11. **Kamal MM**, Rahman MM, Momont HW and Shamsuddin M. 2010. Double insemination with intrauterine antibiotic improves conception in repeat breeding dairy cattle. International Dairy Conference 2010, Bangladesh Agricultural University, Mymensingh, Bangladesh, 03-05 April 2010. pp 56
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1. **কামাল এমএম**। জুন-জুলাই ২০১৬। বাংলাদেশে দুধ উৎপাদনের বর্তমান অবস্থা ও আমাদের করণীয়। খামার ২২ (৩-৪): ২২-২৪।
2. **কামাল এমএম**। মে ২০১৬। বাংলাদেশে প্রাণিসম্পদ সম্পর্কিত সম্ভাবনাময় শিক্ষা ও কর্মকাঠামো। খামার ২২ (২): ২১-২৮।
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Date: Mohakhali, Dhaka
08 November 2023

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