



AKEEL AHMED
Assistant Professor
Department of Animal Reproduction
Faculty of Animal Husbandry and Veterinary Sciences
Sindh Agriculture University Tandojam Pakistan

PERSONAL PROFILE

Age: 35 years
Nationality: Pakistani
Gender: Male
Marital status: Married
Language Known : English, (U.K/ U.S.) Urdu & Sindhi

CORRESPONDENCE ADDRESS

AKEEL AHMED

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Department of Animal Reproduction
Faculty of Animal Husbandry and Veterinary Sciences
Sindh Agriculture University Tandojam Pakistan
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PERMANENT ADDRESS

Village Bukera Sharif Taluka and District Tando Allahyar Sindh Pakistan

Award

1. Islamic Development Bank Merit Scholarship Award in the Field of Genetic Engineering/Biotechnology

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2. Young Scientists Award, 2012. Best Oral Presentation in the MSAP Conference Malaysia.

Education

Programme/ Course	University/Board	Year of Passing	Performance	Class/ Division
PhD	University Putra Malaysia	2013	4.00 GPA	1 st Class
M.Sc.(Hons.)	Sindh Agriculture University Tandojam	2001	73.71 (Percent)	1st Class
D.V.M	Sindh Agriculture University Tandojam	1999	68.16 (Percent)	1st Class
H. S. C	Board of Intermediate and Secondary Education Hyderabad	1992	68.00 (Per cent)	1st Class
S. S. C.	Board of Intermediate and Secondary Education Hyderabad	1990	71.00 (Per cent)	1st Class

DIGREE THESIS

PhD Thesis (2013). **IMPROVEMENT OF THE MEDIUM AND PROCESSING PROTOCOL FOR CRYOPRESERVATION OF BOER GOAT SPERMATOZOA**
By A.A. Memon Faculty of Veterinary Medicine University Putra Malaysia, **Malaysia**
Reg No. GS26658

M. Sc. (Hons.) Thesis (1999). Faculty of Animal Husbandry and Veterinary Sciences,
Sindh Agriculture University Tandojam, Sindh Pakistan
by A.A. Memon, Sindh Agriculture University, Tandojam, Sindh, **Pakistan**
Regd: No.99.PS.292

SERVICE/JOB RECORD

S.#	Post & Grade	Status.	From	To	Job Description.
1	Assistant Professor BPS – 19 Department of Animal Reproduction	Permanent	13 th April 2010	To date	Teaching to graduate (DVM) and Post-graduates (M.Sc.), conduct practical classes and Research at Live Stock Expt. Station, S.A.U., Tando jam.
2	Lecturer BS-18 Animal Reproduction	Permanent	30 th Dec. 2006	12 th April 2010	Teaching to graduate (DVM) and Post-graduates (M.Sc.), conduct practical classes and Research at Live Stock Expt. Station, S.A.U., Tando jam.
3	Lecturer BS-17 Animal Reproduction	Permanent	27 th Nov. 2002	29 th Dec. 2006	Teaching to graduate (DVM) and Post-graduates (M.Sc.), conduct practical classes and Research at Live Stock Expt. Station, S.A.U., Tando jam.

JOB DESCRIPTION

TEACHING AND RESEARCH AT SINDH AGRICULTURE UNIVERSITY TANDO JAM:

(A) Teaching undergraduate (5 years D.V.M. Courses).

1. Physiology of Animal Reproduction and Artificial Insemination (A.Rep-502) to 3rd Prof. D.V.M. Theory and Practical
2. Obstetrics (A.Rep-601) Final Prof. D.V.M. Theory and Practical
3. Gynecology (A.Rep-601) Final Prof. D.V.M. Theory and Practical
4. Clinics 3rd Final Prof. D.V.M.

(B) Teaching Master M.Sc (Hons.) /M. Phill 4 Semesters Courses and Research

1. Artificial Insemination (A.REP-703) Theory and Practical

Research Guide to M.Sc / M. Phill students: Dept. of Animal Reproduction

MEMBER OF BOARDS

Member of Departmental Board of Studies, Department of Animal Reproduction, Faculty of Animal Husbandry and Veterinary Science, Sindh Agriculture University, TandoJam

RECOGNIZED RESEARCH SUPERVISOR /CO-SUPERVISOR

Post-graduates M.Sc. (Hons.); M.Phil. students in Animal Reproduction.

MEMBER - MASTER'S SUPERVISORY COMMITTEE IN ANIMAL REPRODUCTION

1. Thesis: Conception Rate after Fixed Time Insemination in Kundhi Buffalo Treated with Prostaglandin F₂ alpha (PG F₂ alpha) analogue. Qismatullah Khan. M.Sc.(Hons.), **2006**.
2. Thesis: "Study on Post Thaw Quality of Kundhi Buffalo Bull semen" Asmatullah Kaka. M.Sc.(Hons.), **2007**.

3. Thesis: “Effect of Environmental Temperature on the Quality of Buffalo Bull Semen” Zia ur Rehman. M.Sc.(Hons.),2008.
4. Thesis: “Studies on the Management of Summer Anestrus in Kundhi Buffalo” Fahim Hassan. MSc. (Hons.), 2008.

MEMBERSHIP OF PROFESSIONAL BODIES

Pakistan Veterinary Medical Council

Pakistan Society of Animal Reproduction - Member 2004 - present

Pakistan Veterinary Medical Association (PVMA) - member 1999 – present

ACADEMIC CERTIFICATES AND TRAINING’S

Title	Institution/Organization
1. Office Automation Course	Information TechnologyCenter, SAU, Tandojam
2. Three Months Certificate Course in Learning Innovation	Department of Teaching and Learning Higher Education Commission Islamabad
3. International Computer Driving License (ICDL)	ECDL Foundation 107 the Windmill, Sir John Rogerson’s Quay Dublin 2, Ireland.
4. International Training Course on: Current Concepts in Bovine Reproduction	Jointly organized by SAU, Tandojam, HEC Islamabad and Washington State University, USA
5. One day orientation Seminar: Participatory Epidemiology/Participatory Disease Surveillance	Jointly Organized by International Livestock Research Institute Nairobi-Kenya.
6. UPMISA International seminar, Exhibition and international cultural show.	International Office UPM.
7. Scientific writing seminar,	SGS, UPM
8. Refworks Software seminar	SGS, UPM
9. Introduction to community service seminar.	SGS, UPM
10. Techniques and skill improvement in the using the 'Integrated' SAS and EXCEL packages in data handling, statistical analysis and analysis output	SGS, UPM

- and presentation
11. Antioxidant Methodologies workshop Laboratory of Molecular Biomedicine.
Institute of Bioscience, UPM.

PROFESSIONAL EXPERIENCE and ACADEMIC APPOINTMENTS

Sindh Agriculture University, 2002-present, Lecturer, Department of Animal Reproduction.

Sindh Agriculture University, 2002-present, rotation duties on Departmental Buffalo and Cattle herds and other large research animals.

Sindh Agriculture University, 2002-present, Clinical duties involved providing service for the Departmental Clinic/ Hospital Specially Treating Reproductive and Parasitic Cases.

Sindh Agriculture University, 2002-present, Clinical rotations during third and fourth year studies included: Physiology of Reproduction, Obstetrics and Gynecology, Semen Biology, Semen Preservation and Advanced Reproductive Technologies

DUTIES PERFORMED:

Resource Person in Trainings:

1. **Sindh Agriculture University, 2008** One Month Training Courses on “Artificial Insemination and Cryopreservation of semen in Cattle” Jointly organized by Sindh Agriculture University and Washington State University Pullman USA. 26th November -24th December 2008.
2. **Sindh Agriculture University, 2007** One Week Training Courses on Artificial Insemination, under the scheme of Prime Ministers Special Initiative for Livestock Project. 19th -24th March.
3. **Quid-e-Awam University of Engineering, Science and Technology, Nawabshah, 2006** Resource Person (Master Trainer) in 1st Staff Development Course at Quid-e-Awam University of Engineering, Science and Technology, Nawabshah for University and College Teachers under the scheme of National Academy of Higher Education (NAHE), Higher Education Commission Islamabad (lectures on Educational Measurement and Evaluation).

4. **Sindh Agriculture University, 2005** Resource Person (Master Trainer) in 3rd and 4th Staff Development Course at Sindh Agriculture University Tandojam for University and College Teachers under the scheme of National Academy of Higher Education (NAHE), Higher Education Commission Islamabad (lectures on Educational Measurement and Evaluation).
5. **Sindh Agriculture University, 2004** Resource person in Para Veterinary Technical Training Course 10-18 July.

CONGRESS, SEMINAR, CONFERENCE, WORKSHOPS, SHOWS AND MEETINGS ATTENDED

1. 20th Pakistan Congress of Zoology, University of Sindh, Jamshoro, Pakistan **2000**.
2. One day National Workshop on, Past, Present and Future of Agriculture in Sindh and Role of S.A.U. Tandojam, on 25 September **2003** held at S.A.U. Tandojam in collaboration with government of Sindh.
3. National Conference on Agricultural and Animal Sciences, November 23-25, **2004** held at Sindh Agriculture University Tandojam, PAKISTAN.
4. National Seminar on Livestock Breeds Improvement, Present Status and Its Future held on December 18th , **2004** Organised by P.S.A.R @ University of Veterinary and Animal Sciences, LAHORE.
5. 25th Pakistan Congress of Zoology, , Sindh Agriculture University, Tandojam **2005**.
6. IDB Scholars Conference 2011, 16 July **2011**.
7. 23rd Veterinary Association Malaysia congress 2011, 23-25 September, Town regency Hotel, Ipoh, Malaysia **2011**.
8. 33rd Annual Conference. 4-7th June **2012**. Grand Continental Hotel Langkawi Kedah.

EXECUTIVE MEMBER OF WELFARE ASSOCIATION

1. Secretary General Memon Welfare Community Board Bukera Sharif, 1990-98.
2. Country Representative for Pakistani students at University Putra Malaysia 2010.
3. Chairman, Education Committee University Putra Malaysia International Student Association 2010.

PUBLICATIONS

Research Articles /Technical & Popular Articles/ Abstracts

PAPERS PUBLISHED IN NATIONAL JOURNALS / PROCEEDINGS

1. **Akeel Ahmed Memon.**, H.Wahid., Y. Rosnina., Y.M. Goh., M. Ebrahimi., F.M. Nadia, 2012. Effect of antioxidants on post thaw microscopic, oxidative stress parameter and fertility of Boer goat spermatozoa in Tris egg yolk glycerol extender. *Animal reproduction Science*, (doi:10.1016/j.anireprosci.2012.10.020).
2. **Akeel Ahmed Memon.**, H.Wahid., Y. Rosnina., Y.M. Goh., M. Ebrahimi, F.M. Nadia, 2012. Effect of ascorbic acid concentrations, methods of cooling and freezing on Boer goat semen cryopreservation. *Reproduction in Domestic Animals*. (doi:10.1111/j.1439-0531.2012.02155.x).
3. **Akeel Ahmed Memon.**, H.Wahid, Y. Rosnina., Y.M. Goh., M. Ebrahimi.,F.M. Nadia., A.H. Shah 2012. Effect of semen collection in Tris extender supplemented with hypotaurine and cysteine on characteristics of cooled and post thaw Boer goat spermatozoa. *Journal of Animal and Veterinary Advances*, 11(9): 1486-1493.
4. Shah AH, Saleha AA, Murugaiyah M, Zunita Z, Memon AA., 2012. Prevalence and distribution of *Arcobacter* spp. in raw milk and retail raw beef. [Journal of Food Protection](#).75(8): 1474-1478.
5. **Akeel Ahmed Memon.**, H. Wahid, Y. Rosnina Y.M. Goh M. Ebrahimi F.M. Nadia, G. Audrey , 2011. Effect of butylated hydroxytoluene on cryopreservation of Boer goat semen in Tris egg yolk extender. *Animal reproduction Science*,129: 44-49.
6. **Akeel Ahmed Memona.**, H.Wahida., Y. Rosninaa., Y.M. Gohb., I. Mahdib, F.M. Nadia and G. Audrey. 2011. Effect of hypotaurine and cysteine on sperm cytological parameters of cooled and post thaw Boer goat semen. *Elixir Bio Tech*.38: 4100-4104.
7. **Akeel Ahmed Memon.**, H. Wahid., Y. Rosnina., Y.M. Goh., M. Ebrahimi., F.M. Nadia., Effect of different diluents and various egg yolk concentrations on sperm motility, membrane integrity, morphology, acrosome integrity and viability in cooled and frozen Boer goat Spermatozoa. *Cryobiology* (submitted).
8. **Akeel Ahmed Memon.**, H.Wahid., Y. Rosnina., Y.M. Goh., M. Ebrahimi., F.M. Nadia., M. I. Memon., A.N. Tunio Effects of hypotaurine and cysteine in washing solutions on motility, membrane integrity, morphology, acrosome integrity and viability of cooled and frozen thaw Boer goat spermatozoa. *Journal of Animal and Plant Sciences* (submitted).
9. **Akeel Ahmed Memon.**, M.U.Samo., M.A. kaker., A.B. Kalhoro, Cryopreservation of Buffalo Bull Semen: A review. *Pakistan Journal of Agriculture Agricultural Engineering and Veterinary Sciences*. (accepted).
10. Samo, M.U., I.Kaka., **A.A.Memon.**, H.K.Kunbhar., P.Khatri, 2007. Incidences of Bovine Reproductive Disorders in District Hyderabad, Sindh. *Vet. Meg*. 18-23.

11. Samo, M.U., R.F.E. Axford., T.A. Qureshi., **A.A.Memon.**, M.M.Memon, 2006. Effect of Aerobic and Anaerobic incubation on the Quality of Ram Semen. *Pakistan Journal of Biological Science*, 9 (1): 123-127.
12. **Akeel Ahmed Memon.**, Nasreen Akhter., K.B.Mirbahar., M.I.Memon., H.K.kumbhar, (2005). Prevalence of blood protozoa and its relationship with Seasons and Sex. *Pakistan Journal of Agriculture Agricultural Engineering veterinary sciences*. 20(2): 48-51.
13. Samo, M.U., **Memon, A. A.** Dhanani, J. 2004. Current Status and Futuristic Look of Artificial Insemination (A.I) in Sindh. *Proceedings of National Seminar on Livestock Improvement present status and Futuristic look of AI in Sindh*, 18th December, UVAS, Lahore.44-54.

ABSTRACTS PUBLISHED IN CONFERENCES

Authors	Year	Titles	Conference	Country
Akeel Ahmed Memon. , H.Wahid, Y. Rosnina, Y.M. Goh, M. Ebrahimi.	2012	Effect of Dilution Rates on Post-thaw Goat Spermatozoa Cytological Characteristics in Tris Citric Acid Fructose Egg Yolk Glycerol Extender.	33 rd Annual Conference. 4-7 th June 2012. Grand Continental Hotel Langkawi Kedah.	Malaysia
Akeel Ahmed Memon. , H.Wahid, Y. Rosnina., Y.M. Goh., M. Ebrahimi.	2012	Effect of Rate of Chilling and Method of Freezing on Chilled and Post-thawed Cytological Characteristics of Boer Goat Spermatozoa.	The 15 th AAAP Animal Science Congress. 26-30 November 2012. Thammasat University, Rangsit Campus, Thailand. 26-30 November 2012.	Thailand
Memon, A. A; Nasreen Akhter; K.B. Mirbahar; M.I.Memon	2005	Age-wise Prevalence of Blood Protozoa in Buffaloes..	First Kashmir International Science Conference 20-21 September, 2005	Pakistan
Memon, M.I; K.B. Mirbahar; Mah-e-jabeen. R; Nasreen Akhter; Memon, A.A.	2004	Prevalence of Trypanosomiasis in Camel at Mithi Tharparker	1 st National Conference on Agricultural and Animal Sciences	Pakistan
Solangi, M.H, M.I. Memon K.B. Mirbahar; Nasreen Akhter and Memon, A. A.	2004	Serum Calcium level during Purulent paresis in buffaloes and its relationship with pregnancy and lactation.	1 st National Conference on Agricultural and Animal Sciences	Pakistan

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S. No	Authors	Year	Title	Journal	Vol.	Page #
1	Akeel Ahmed Memon. , H.Wahid., Y. Rosnina., Y.M. Goh., M. Ebrahimi., F.M. Nadia	2012.	Effect of antioxidants on post thaw microscopic, oxidative stress parameter and fertility of Boer goat spermatozoa in Tris egg yolk glycerol extender.	Animal Reproduction Science (doi:10.1016/j.anireprosci.2012.10.020). IF: 1.750		
2	Akeel Ahmed Memon. , H.Wahid., Y. Rosnina., Y.M. Goh., M. Ebrahimi, F.M. Nadia,	2012	Effect of ascorbic acid concentrations, methods of cooling and freezing on Boer goat semen cryopreservation.	Reproduction in Domestic Animals. (doi:10.1111/j.1439-0531.2012.02155.x). IF: 1.356		
3	Akeel Ahmed Memon. , H.Wahid, Y. Rosnina., Y.M. Goh., M. Ebrahimi.,F.M. Nadia., A.H. Shah	2012	Effect of semen collection in Tris extender supplemented with hypotaurine and cysteine on characteristics of cooled and post thaw Boer goat spermatozoa.	Journal of Animal and Veterinary Advances IF: 0.390	11(9)	1486-1493.
4	<u>Shah AH, Saleha AA, Murugaiyah M, Zunita Z, Memon AA.</u>	2012	Prevalence and distribution of Arcobacter spp. in raw milk and retail raw beef.	<u>Journal of Food Protection</u> . IF:	75(8)	1474-1478.
5	Akeel Ahmed Memon. , H. Wahid, Y. Rosnina Y.M. Goh M. Ebrahimi F.M. Nadia, G. Audrey	2011	Effect of butylated hydroxytoluene on cryopreservation of Boer goat semen in Tris egg yolk extender.	Animal Reproduction Science. IF: 1.750	129	44-49
6	Akeel Ahmed Memona. , H.Wahida.,	2011	Effect of hypotaurine and cysteine on sperm cytological parameters of	<i>Elixir Bio Tech.</i>	38	4100-4104

	Y. Rosninaa., Y.M. Gohb., I. Mahdib, F.M. Nadia and G. Audrey.		cooled and post thaw Boer goat semen.			
7	Akeel Ahmed Memon. , H. Wahid., Y. Rosnina., Y.M. Goh., M. Ebrahimi., F.M. Nadia.,		Effect of different diluents and various egg yolk concentrations on sperm motility, membrane integrity, morphology, acrosome integrity and viability in cooled and frozen Boer goat Spermatozoa.	Cryobiology (submitted) IF: 2.062		
8	Akeel Ahmed Memon. , H.Wahid., Y. Rosnina., Y.M. Goh., M. Ebrahimi., F.M. Nadia., M. I. Memon., A.N. Tunio .		Effects of hypotaurine and cysteine in washing solutions on motility, membrane integrity, morphology, acrosome integrity and viability of cooled and frozen thaw Boer goat spermatozoa.	Journal of Animal and Plant Sciences (submitted). IF: 0.585	-	-
9	Akeel Ahmed Memon. , M.U. Samo., M.A. Kaker., A.B. Kalhoro	(2009)	Cryopreservation of Buffalo Bull Semen : A Review	Pakistan Journal of Agriculture Agricultural Engineering and veterinary Sciences (Accepted)		
10	Samo, M.U., I.Kaka., A.A.Memon. , H.K.Kunbhar P.Khatri	(2007)	Incidences of Bovine Reproductive Disorders in District Hyderabad, Sindh.	Vet.Mag.	-	18-23.
11	M.U. Samo., R.F.E. Axford., T.A. Qureshi., A.A. Memon M.M. Memon	(2006)	Effect of Aerobic and Anaerobic incubation on the Quality of Ram Semen.	Pakistan Journal of Biological sciences	9(1)	123-127.
12	Memon, A. A; Nasreen Akhter; K.B.Mirbahar; M.I.Memon H.K.kumbhar	(2005)	Prevalence of blood protozoa and its relationship with Seasons and Sex.	Pakistan Journal of Agriculture Agricultural Engineering veterinary sciences.	20(2)	48-51
13	Samo, M.U., Memon, A. A. Dhanani, J.	(2004).	Current Status and Futuristic Look of Artificial Insemination (A.I) in Sindh.	Proceedings of National Seminar on Livestock Improvement present status and Futuristic look of AI in Sindh, 18 th December, UVAS, Lahore.	-	44-54.

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