

HASAN RIAZ

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PERSONAL INFORMATION:

Date of Birth	17 January 1986
Place of Birth	Sahiwal, Pakistan
Marital Status	Married
Nationality	Pakistani
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QUALIFICATION:

Ph.D: Animal Genetics, Breeding and Reproduction (2011-14)

Huazhong Agricultural University, Wuhan, China

Thesis Title:

“Somatostatin and its receptors; regulation of apoptosis and proliferation in bovine and mice Sertoli and Granulosa cell culture models by RNAi”.

M-Phil: Animal Reproduction (2009-11)

Silver Medalist

University of Veterinary and Animal Sciences, Lahore

Thesis Title:

“Effect of two synchronization protocols (Ovsynch Vs double PG) and GnRH on reproductive performance in goats”.

Doctor of Veterinary and Medicine (DVM) (2003-2008)

University of Veterinary and Animal Sciences, Lahore

Marks/CGPA: 3.68/4

TEACHING EXPERIENCE

Assistant Professor

1st September 2014- till

Department of Bio sciences

COMSATS institute of information Technology, Sahiwal, Pakistan

Teaching Assistant

February 2009 - February 2011

University of Veterinary and Animal Sciences, Lahore, Pakistan.

Department of Theriogenology

Major responsibilities include Undergraduate teaching and clinical handling of reproductive cases.

SELECTED PUBLICATIONS

1. **Hasan Riaz**, Dong ping, Muhammad Shahzad, Ligu Yang. 2014. Constitutive and FSH-induced action of Somatostatin receptor-2 by RNAi in regulation of apoptosis and steroidogenesis in bovine GCs. **Journal of Steroid biochemistry and molecular biology**. 141:150-159. **IF 2014: 3.62**
2. **Hasan Riaz**; Aixin Liang; Muhammad Kasib Khan; Ping Dong; Li Han; Muhammad Shahzad; Chong Zhenlu; Sibtain Ahmad; GuoHua Hua; Ligu Yang. 2013. Somatostatin and its receptors: functional regulation in the development of mice Sertoli cells. **Journal of Steroid biochemistry and molecular biology**. 138: 257-266. **IF 2013: 4.04.**
3. Ishwari Kadariya, Jiaying Wang, Zia ur Rehman, Hamid Ali, **Hasan Riaz**, Jia Jia Liu, Shu Jun Zhang. 2015. RNAi-mediated knockdown of Inhibin- α subunit increased apoptosis in granulosa cells and decreased fertility in mice. **Journal of Steroid biochemistry and molecular biology**. 152: 161-170. **IF 2014: 3.62.**
4. Zhenlu Chong, Ping Dong, **Hasan Riaz**, Lei Shi, Xue Yu, Ying Cheng, Ligu Yang, 2015. Disruption of Follistatin by RNAi increases apoptosis, arrests S-phase of cell cycle, and decreases estradiol production in bovine granulosa cells. **Anim Reprod Sci**, 155-81-88. **IF: 1.58**
5. Li Han, Canjie Wu, **Hasan Riaz**, Liya Bai, Jianguo Chen, Yanhong Zhen, Aizhen Guo, Ligu Yang, 2013. Characterization of the Mechanism of Inhibin α -Subunit Gene in Mouse Anterior Pituitary Cells by RNA Interference. **Plos one**, 10.1371/journal.pone.0074596. **IF: 3.53**

6. Yan-Hong Zhen, Li Wang, **Hasan Riaz**, Jia-Bin Wu, Yi-Feng Yuan, Li Han, Yan-Ling Wang, Yi Zhao, Yi Dan, Li-Jun Huo 2014. Knockdown of CEBP α by RNAi in porcine granulosa cells resulted in S-phase cell cycle arrest and decreased progesterone and estradiol synthesis. **Journal of Steroid biochemistry and molecular biology**. 143: 90-98. **IF: 3.62**
7. Xue Yu, **Hasan Riaz**, Ping Dong, Zhenlu Chong, Xuan Luo, Aixin Liang, Liguang Yang 2014. Identification and in vitro culture of Spermatogonial Stem Cells (SSCs) in Prepubertal Buffaloes. **Theriogenology**. 10.1016/j.theriogenology.2014.03.002. **IF: 1.85**
8. S. Ahmad, Y Xiao, L Han, **H Riaz**, A liang, L Yang 2012. Isolation, Identification and Enrichment of Type A spermatogonia from the Testes of Chinese cross bred buffaloes. **Reprod Domest Anim**. doi: 10.1111/j.1439-0531.2012.02159.x. **IF: 1.177**
9. Yang Wu Cai, Tong Ke-Qiong, Chang Zhen Fu, **Hasan Riaz**, Qiong Zhang, Lin-Seng Zan 2014. Melatonin regulates the development and function of bovine Sertoli cells via its receptors MT1 and MT2. **Anim Reprod Sci**. <http://dx.doi.org/doi:10.1016/j.anireprosci.2014.03.017>. **IF: 1.3**
10. Shujuan Wang, Guiqiong Liu, Sibtain Ahmad, Wenju Liu, **Hasan Riaz**, Xunping Jiang (2012). Vasoactive Intestinal Peptide Suppresses Ovarian Granulosa Cell Apoptosis *in vitro* by up-regulating Bcl-2 Gene Expression. **Anim Reprod Sci**. 132:201-6. **IF: 1.58**

M-Phil:

11. **Hasan Riaz**, Nasim Ahmad and Muhammad Rizwan Yousuf 2012, Ovarian follicular dynamics around estrus in Beetal and Teddy goats. In Press. **Pak Vet J**, 1:120-122. **IF: 1.39**
12. **Hasan Riaz**, Abdul Sattar, Muhammad Ahsan Arshad, Nasim Ahmad 2012. Effect of synchronization protocols (Ovsynch vs 2PG) and GnRH on reproductive performance in goats. **Small Ruminant Research**. 104:151-155. **IF: 1.08**
13. **Hasan Riaz**, Nasim Ahmad and Muhammad Aleem 2011. Dystocia in Black Bucks. **Pak Vet J**, 32 301-302. **IF: 1.39**

PUBLISHED ABSTRACTS

1. Ahmad N, **Riaz H**, Abdullah M. Effect of synchronization protocols (Ovsynch vs 2PG) and GnRH on reproductive performance in goats. 2011; ADSA ASAS JAM: July 10-14 2011, Louisiana. USA. (Suppl. 2).
2. **Riaz H**, N. Ahmad. Ovarian follicular dynamics around estrus in Beetal and Teddy goats. 2012. ICAR 2012, July 29, Aug 2 2012, Vancouver, Canada

3. **Riaz H**, Ping Dong, Ligu Yang. Constitutive action of SSTR2 in regulation of apoptosis and proliferation of bovine GCs. 15-20 October 2013, WCAP 2013, Beijing.
4. **Riaz H**, Zhenlu Chong, Ligu Yang. Melatonin decreases apoptosis in buffalo granulosa cells. 21-25 April 2015, World Buffalo Conference, Istanbul, Turkey.

REFERENCE:

Prof. Dr. Nasim Ahmad

DVM, M.Sc, PhD (WVU, USA)

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Prof. Dr. Yang Ligu

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PhD

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