

Peer-Reviewed Conference/Meeting Abstracts

- 1) Muhammad Moaeen-ud Din and **Ghulam Bilal**. 2018. Development of AFLP breed identification markers for Pakistani Cholistani cattle. [Accepted for poster presentation at ADSA Annual Meeting, Knoxville, Tennessee, USA June 24-27, 2018] *J. Dairy Sci.* 101 (Suppl. 2) : 236.
- 2) **Ghulam Bilal** and Muhammad Moaeen-ud Din. 2018. Allele frequency of β -casein gene in local dairy animals of Pakistan. [Accepted for poster presentation at ADSA Annual Meeting, Knoxville, Tennessee, USA June 24-27, 2018] *J. Dairy Sci.* 101 (Suppl. 2) : 41.
- 3) Muhammad Moaeen-ud Din, **Ghulam Bilal**, Raja Danish Muner, Nauman Wahid. 2018. A resolution to breed identification of Pakistani Sahiwal cattle. [Accepted for poster presentation at ADSA Annual Meeting, Knoxville, Tennessee, USA June 24-27, 2018] *J. Dairy Sci.* 101 (Suppl. 2) : 40.
- 4) **G. Bilal**, M. Moaeen-ud-Din, A. Zurwan. 2016. Growth Potential of Dhanni cattle under rainfed conditions of Punjab, Pakistan. [Accepted for oral presentation at ADSA®-ASAS Joint Annual Meeting, Salt Lake City, UT, USA July 19-23, 2016]. *J. Anim. Sci.* 94(E-Suppl. 5), 131.
<https://doi.org/10.2527/jam2016-0274>.
- 5) M. Moaeen-ud-Din, **G. Bilal**, J. M. Reecy, M. S. Khan and S. Razzaq. 2016. Morphometric measurements and body weight affected by breed, age, and sex in the Sindh goat breed populations of Pakistan. [Accepted for oral presentation at ADSA®-ASAS Joint Annual Meeting, Salt Lake City, UT, USA July 19-23, 2016] *J. Anim. Sci.* 94(E-Suppl. 5), 838.
<https://doi.org/10.2527/jam2016-1720>.
- 6) **G. Bilal** and M. Moaeen-ud-Din. 2016. Do buffaloes have better milk fat profile than cows? Where does the evidence stand in 2016?. [Accepted for poster presentation at ADSA®-ASAS Joint Annual Meeting, Salt Lake City, UT, USA July 19-23, 2016.] *J. Anim. Sci.* 94(E-Suppl. 5), 401.
<https://doi.org/10.2527/jam2016-0834>.
- 7) **G. Bilal**, M. Moaeen-ud-Din, M. Waseem, N. Ullah, J. M. Reecy, M. S. Khan and M. Yaqoob. 2015. A survey of management practices adopted by goat breeders in Azad Jammu and Kashmir (AJK), Pakistan. [Accepted for oral presentation at ADSA®-ASAS Joint Annual Meeting, Orlando, Florida, USA July 12-16, 2015.] Published at *J. Anim. Sci.* 93(E-Suppl. 3), 816.
- 8) M. Moaeen-ud-Din and **G. Bilal**. 2014. Buffalo and cattle sequence diversity and molecular evolution. [Accepted for oral presentation at ADSA®-ASAS-CSAS Joint Annual Meeting, Kansas City, Missouri, USA July 20-24, 2014.] *J. Anim. Sci.* 92(E-Suppl. 2) 89.
- 9) M. Moaeen-ud-Din, **G. Bilal**, and M. S. Khan. 2014. Genomic Selection of Nili-Ravi Buffalo.[Accepted for oral presentation at ADSA®-ASAS-CSAS Joint Annual Meeting, Kansas City, Missouri, USA July 20-24, 2014.] *J. Dairy Sci.* 97(E-Suppl. 1), 86.
- 10) **G. Bilal**, M. Moaeen-ud-Din, M. Aqeel, A. Ijaz, M. S. Khan, M. Y. Gondal, K. M. Khan, M. Mukhtar and M. N. Manzoor. 2014. Effects of breed, sex, parity, birth year and birth season on body weight traits for five local cattle breeds and crossbreds in arid region of Punjab, Pakistan. [Accepted for poster

- presentation at ADSA®-ASAS-CSAS Joint Annual Meeting, Kansas city, Missouri, USA July 20-24, 2014.] *J. Anim. Sci.* 92(E-Suppl. 2), 459.
- 11) **G. Bilal**, R. I. Cue and J. F. Hayes. 2013. Genetic correlations between feed intake and type traits in dairy cattle. [Accepted for oral presentation at ADSA®-ASAS Joint Annual Meeting, Indianapolis, Indiana, July 8-12, 2013.] *J. Dairy Sci.* 96(E-Suppl. 1), 388.
 - 12) M. Moaeen-ud-Din, **G. Bilal**, and H. M. Waheed. 2013. Genomic Selection of Sahiwal Cattle: A Developing Country Perspective. [Accepted for oral presentation at ADSA®-ASAS Joint Annual Meeting, Indianapolis, Indiana, July 8-12, 2013.] *J. Dairy Sci.* 96(E-Suppl. 1): 442.
 - 13) **G. Bilal**, R. I. Cue, A. F. Mustafa and J. F. Hayes. 2012. Genetic relationships among health related fatty acids in milk of Canadian Holsteins. [Accepted for oral presentation at ADSA®-AMPA-ASAS-CSAS-WSASAS Joint Annual Meeting, Phoenix, Arizona, July 15-19, 2012.] *J. Dairy Sci.* 95(Suppl. 3), 226.

Publications in Peer-Reviewed Journals

- 1) Moaeen-ud-Din, M. and **G. Bilal**. 2017. Effects of breed, various environmental and maternal factors on growth traits in cattle. *J. Animal & Plant Sci.* 27(5): 1415-1419.
- 2) Zurwan, A., M. Moaeen-ud-Din, **G. Bilal**, Z. Rehman, M. S. Khan. 2017. Estimation of Genetic Parameters for Persistency of Lactation in Sahiwal Dairy Cattle. *Pak. J. Zoology* 49(3):877-882.
- 3) Moaeen-ud-Din, M. and **G. Bilal**. 2016. Genomic selection of Nili-Ravi buffalo: A choice for buffalo breeders. *Buffalo Bulletin* 35(4):605-615.
- 4) **Bilal, G.**, R. I. Cue, and J. F. Hayes. 2016. Genetic and phenotypic associations of type traits and body condition score with dry matter intake, milk yield and number of breedings in first lactation Canadian Holstein Cows. *Can. J. Anim. Sci.* 96(3): 434-447.
- 5) Moaeen-ud-Din, M., **Bilal, G.**, and J. M. Reecy. 2015. Evolution of hypothalamus-pituitary growth axis among fish, amphibian, birds and mammals. *Genetika.* 47(2):665-677.
- 6) Moaeen-ud-Din, M. and **Bilal, G.** 2015. Sequence diversity and molecular evolutionary rates between buffalo and cattle. *J. Anim. Breed. Genet.* 132(1):74-84.
- 7) **Bilal, G.**, R. I. Cue, A. F. Mustafa, and J. F. Hayes. 2014. Effects of parity, age at calving and stage of lactation on fatty acid composition of milk in Canadian Holsteins. *Can. J Anim. Sci.* 94: 401- 410.
- 8) M. Moaeen-ud-Din, **G. Bilal** and M.S. Khan. 2014. Short communication: Potential of Genomic selection in Sahiwal cattle. *Pak. J. Agri. Sci.* 51(3): 695-700.
- 9) **Bilal, G.**, R. I. Cue, A. F. Mustafa, and J. F. Hayes. 2014. Genetic parameters of individual fatty acids in milk of Canadian Holsteins. *J Dairy Sci.* 97: 1150–1156.

- 10) **Bilal, G.**, R. I. Cue, A. F. Mustafa, and J. F. Hayes. 2012. Estimates of heritabilities and genetic correlations among milk fatty acid unsaturation indices in Canadian Holsteins. *J Dairy Sci.* 95:7367-7371.
- 11) **Bilal, G.** and M. S. Khan. 2009. Use of test-day milk yield for genetic evaluation in dairy cattle: A Review. *Pakistan Vet. J.* 29: 35-41.
- 12) **Bilal, G.**, M. S. Khan, I. R. Bajwa and M. Shafiq. 2008. Genetic control of test-day milk yield in Sahiwal cattle. *Pakistan Vet. J.* 28: 21-24.
- 13) M. S. Khan, **G. Bilal**, I. R. Bajwa, Z. Rehman and S. Ahmad. 2008. Estimation of breeding values of Sahiwal cattle using test day milk yields. *Pakistan Vet. J.* 28: 131-135.
- 14) M. Yaqoob, F. Shahzad, M. Aslam, M. Younas and **G. Bilal**. 2009. Production performance of Dera Din Panah goat under desert range conditions in Pakistan. *Trop. Anim. Health Prod.* 41:1413-19.