“Mehdi Kazemi-Bonchenari *Curriculum Vita*”

Assist. Professor in Animal Nutrition,
Department of Animal Science,
Faculty of Agriculture and Natural Resources,
Arak University,
Arak, Iran.

Educational Background;

- High School Diploma; Mollasadra, Tehran, Iran (1999)
- BSc; University of Zanjan, Iran (1999- 2003)
- MSc; University of Tehran, Iran (2003- 2005)
- PhD; University of Tehran, Iran (2005-2010)
- Visiting research period: University of Sydney, Australia (Feb-Aug 2010)

Conference Attendance;

- Evaluation of National Research Council 2001 and Cornell Pennsylvania Miner software for predicting dry matter intake of Holstein cows during the mid-lactation. Oral presentation in British Society of Animal Science (BSAS), 2006; *University of York*, **England**.

- The Comparison of Lactating Dairy Cows Performance Fed Rations Formulated by National Research Council 2001 and Cornell Pennsylvania Miner, Poster presentation in World Buitrics Congress, 2008; *Budapest*, **Hungary**.

- The effects of increased sulfur level supplied through inorganic source with or without organic source in close-up diets of Holstein dairy cows on blood metabolites and liver function", Oral presentation in World Buitrics Congress, 2012; *Lisbon*, **Portugal**.

- The effect of peptide nitrogen source on performance, nutrients apparent digestibility and nitrogen efficiency in Holstein dairy cows, Poster presentation in ICABBBE, 2013; *Paris*, **France**.

Conference Papers;

- **Kazemi-Bonchenari**, **M.,** A. Nikkhah, H. Amanlou, H. Mehrabani. 2006. Evaluation of National Research Council 2001 and Cornell Pennsylvania Miner software for predicting dry matter intake of Holstein cows during the midlactation. BSAS, England.
- Taghinejad roudbaneh M., A. Nikkhah, **M. Kazemi-Bonchenari**. 2008. Evaluation of some commonly used Nutrition Software for Predicting dry Matter Intake of Holstein Cows during the Mid-Lactation.. BSAS, England.
- **Kazemi-Bonchenari M.**, A. Nikkhah, H. Amanlou, M. Taghinejad. 2008. Performance Comparison of lactating Holstein cows fed rations formulated by National Research Council 2001 and Cornell Pennsylvania Miner programs.. WBC, Hungary.
- **Kazemi Bonchenari M.**, K. Rezayazdi, M. Dehghan, A. Nikkhah, H. Khalilvandi, V. Keshavarz, F. Ghaziani. 2009. Optimum ratio of ammonia nitrogen to peptide nitrogen in ruminal fluid for fiber digestibility and nitrogen utilization efficiency in dairy cows. ADSA.
- Nikkhah A., **M. Kazemi Bonchenari**, K. Rezayazdi, M. Dehghan, H. Kohram. 2009. Effect of different ratios of ammonia nitrogen to peptide nitrogen on microbial nitrogen synthesis in dairy cows. ADSA, Canada.
- Nikkhah A., V. Keshavarz, H. Amanloo, M. Dehghan, and **M. Kazemi-Bonchenari**. 2009. Effect of decreasing forage fiber in close-up cows diets on rumination time, DMI and subsequent lactation performance. ADSA, Canada.
- **Kazemi-Bonchenari M.**, A. Nikkhah, H. Amanlou, M. Taghinejad. 2009. Performance Comparison of Lactating Holstein Cows Fed Rations Formulated by National Research Council 2001 and Cornell Pennsylvania Miner Programs. BSAS, England.
- **Kazemi-Bonchenari M.**, K. Rezayazdi, , A. Nikkhah, H. Kohram, M. Dehghan, M. Eslami. 2010. The Effect of Caseinate Supplementation on Performance and Microbial Nitrogen Flow in Well-fed Early Lactating Holstein Dairy Cows. BSAS, England.

- Keshavarz V., H. Amanlou, A. Nikkhah, M. Dehghan-Banadaky, E. Mahjoobi and **M. Kazemi-Bonchenari**. 2010. Effects of different levels of effective neutral detergent fiber on chewing activity parameters and intake in close-up Holstein dairy cows.. WBC. Chilli.
- **Kazemi-bonchenari M.**, Eghbali M.; Kafilzadeh F.; Hozhabri F.; Afshar S. Barkhori S. 2012. The comparison of different treatments of canola meal on in situ dry matter and crude protein degradation in sheep rumen . WBC, Portugal.
- **Kazemi-Bonchenari M.**, V. Keshavaraz, H. Amanlou, 2012. The effects of increased sulfur level supplied through inorganic source with or without organic source in close-up diets of Holstein dairy cows on blood metabolites and liver function. WBC, Portugal.
- **Kazemi-Bonchenari M.**, K. Rezayazdi, 2013. The effect of peptide nitrogen source on performance, nutrients apparent digestibility and nitrogen efficiency in Holstein dairy cows. ICABBBE- Paris, France.

Journal Papers;

- Eghbali, M., F. Kafilzadeh, F. Hozhabri, S. Afshar and **M. Kazemi-Bonchenari**, 2011. Treating canola meal changes in situ degradation, nutrient apparent digestibility, and protein fractions in sheep. *Small Ruminant Research*, 96: 136–139.

- Mehni S. B., H. K. Shabankareh, **M. Kazemi-Bonchenari** and M. Eghbali. 2012. The Comparison of Treating Holstein Dairy Cows with Progesterone, CIDR and GnRH After Insemination on Serum Progesterone and Pregnancy Rates. *Reproduction in Domestic Animals* 47: 131–134.

-Ghasemi, H.A., **M. Kazemi-Bonchenari**, A.H. Khaltbadi-Farahani, M. Khodaei-Motlagh. 2013. The effect of feeding rations with different ratios of concentrate to alfalfa hay on blood hematological and biochemical parameters of farmed ostriches (Struthio camelus). *Tropical animal health and production*, 45: 1635-1640.

- Beiranvand, H. G. R. Ghorbani, M. Khorvash and **M. Kazemi-Bonchenari**. 2014. Forage and sugar in dairy calves' starter diet and their interaction on performance, weaning age and rumen fermentation. *Journal of animal physiology and animal nutrition*. 98: 439–445.

- Sajjadi R., A. A. Solati, M. Khodaei-Motlagh, **M. Kazemi-Bonchenari**. 2014. Immune responses and some blood metabolite responses of female Holstein calves to dietary supplementation with licorice root (Glycyrrhiza glabra L.). Iranian Journal of Applied Animal Science 4(3), 505-508.

- Ghasemi, E., M. Khorvash, G.R. Ghorbani, , F. Hashemzadeh, , M. Saebi-Far, A. Kayhani, and **M. Kazemi-Bonchenari**. 2014. Interaction effects of degradable nitrogen sources and straw treatment on rumen parameters and microbial protein synthesis in sheep. *Indian Journal of Animal Sciences* 84 (9): 1011–1015.

- **Kazemi-Bonchenari M.**, A.R. Alizadeh, A.R. Tahriri, K. Karkoodi, S. Jalali, H. Sadri. 2015. The effects of partial replacement of soybean meal by xylose-treated soybean meal in the starter concentrate on performance, health status, and blood metabolites of Holstein calves. *Italian Journal of Animal Science.* 14: 3680.

- Mirzaei M., M. Khorvash, G.R. Ghorbani, **M. Kazemi-Bonchenari**, A. Riasi, A. Nabipour and J. J. G. C. van den Borne. 2015. Effects of supplementation level and particle size of alfalfa hay on growth characteristics and rumen development in dairy calves. *Journal of animal physiology and animal nutrition. 99:553-564.*

- Taghinejad-Roudbaneh, M., S.R. Ebrahimi-Mahmudabad, H. Ghoreyshi and **M. Kazemi-Bonchenari.** 2015. Utilization of Date by Product on Sheep Feeding: Its Ruminal Degradation, Nutrient Digestibility and Its Effect on Sheep Growth. *Iranian Journal of Applied Animal Science* 5(4), 883-888.

- Taghinejad-Roudbaneh, M., **M. Kazemi-Bonchenari**, A.Z.M. Salem and A. E. Kholif. 2016. Influence of roasting, gamma ray irradiation and microwaving on ruminal dry matter and crude protein digestion of cottonseed. *Italian Journal of Animal Science*.

- Mirzaei, M., M. Khorvash, G.R. Ghorbani, **M. Kazemi-Bonchenari**, A. Riasi, A. Soltani, B. Moshiri, and M. H. Ghaffari. 2016. Interactions between the physical form of starter (mashed versus textured) and corn silage provision on performance, rumen fermentation, and structural growth of Holstein calves. *Journal of Animal Science*. 2016.94:1–9.

Research areas;

- Protein nutrition in animal
- Transition period metabolism in dairy cows
- Fiber digestibility improvement
- Carbohydrate and protein sources in calves' starter

Academic position;

- Research and education vice of agriculture at the Arak University (Sep. 2011-Sep.2015)