



1. CONTACT INFORMATION

- **Full Name:** Mahdi Ansari
- Assistant Professor in Animal Physiology at the Department of Animal Science, Gorgan University of Agricultural Sciences and Natural Resources, Iran
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- **Google Scholar home:**
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2. ACADEMIC QUALIFICATIONS

- **September 2012 to July 2017.** Ph.D. in Animal Reproductive Physiology at the University of Tehran, Karaj, Iran. GPA: 18.97/20 (**Ph.D. Thesis Title:** The effect of D-Aspartic acid on semen quality, fertility, expression of genes involved in androgen synthesis and testicular histology of male broiler breeders)
- **September 2007 to January 2010.** Master of Science in Animal Reproductive Physiology at the University of Tehran, Karaj, Iran. GPA: 17.31/20 (**MSc Thesis Title:** Effect of n-3 fatty acid and vitamin E on freezing ability and lipid composition of goat sperm)
- **September 2003 to July 2007.** Bachelor of Science in Animal Science at the University of Tabriz, Iran. GPA: 15.81/20

3. WORK & RESEARCH EXPERIENCE

- **February 2021 to Now.** Assistant Professor in the Faculty of Animal Sciences, Department of Animal and Poultry Physiology, Gorgan University of Agricultural Sciences & Natural Resources, Gorgan, Iran
- **July 2019 to February 2021.** Statistics and a reproductive specialist at Damgostran Kavir Dairy Farm, Yazd, Iran
- **September 2018 to January 2019.** Teaching Assistantship of Avian Reproduction Physiology Course. Aburaihan Campus, University of Tehran, Tehran, Iran
- **April 2016 to October 2016.** Researcher working at Avicenna Research Institute (monoclonal antibody research center) during the sabbatical period. Tehran, Iran
- **February 2011 to April 2012.** Agricultural Extension and Education Expert at East Azerbaijan Agricultural Organization. Ilkhichi, East Azerbaijan, Iran
- **August 2008 to January 2009.** Researcher at the National Animal Breeding Center of Iran, Karaj, Iran

4. COMPUTER SKILL

- Microsoft Office (Word, Excel, PowerPoint)
- SAS software
- Mendeley Desktop
- GraphPad Prism Software
- Livestock Management Software - Modiran Tahlilgar Sepahan

5. HONORS AND AWARDS

- **August 2015.** Winner of grant no. 93041373 from Iran National Science Foundation (INSF) for Ph.D. thesis. The total amount of 200 million IRR (Iran currency).
- **April 2016.** Winner of the Festival of Learning award, College of Agriculture and Natural Resources, University of Tehran, Karaj, Iran
- **March 2012.** Ranked **1st** among 246 participants in the National Entrance Exam for the Ph.D. degree
- **February 2007.** Ranked **14th** among 3795 participants in the National Entrance Exam for MSc degree

6. LAB & FIELD SKILLS

- Computer-Assisted Sperm Analysis (CASA)
- Western blot
- Immunocytochemistry
- Flow cytometry
- Culturing of different animal and human cell lines
- Collecting sperm from sheep, goat, and male broiler breeders
- Domestic animal sperm cryopreservation
- Artificial Insemination in dairy cows
- Ultrasonography of dairy cows to pregnancy diagnosis and tracking of the estrous cycle

7. LANGUAGE SKILL

- **April 2019.** An overall band score of 7 in the IELTS exam (Listening: 7.5, Reading: 7, Writing: 6.5, Speaking 6). CEFR level: C1

8. TEACHING COURSES

- Advanced Physiology, MS.c. course, Gorgan University of Agricultural Sciences and Natural Resources, Iran.
- Growth Physiology, MS.c. course, Gorgan University of Agricultural Sciences and Natural Resources, Iran.
- Digestive Physiology, MS.c. course, Gorgan University of Agricultural Sciences and Natural Resources, Iran
- Reproductive Physiology, BS.c. course, Gorgan University of Agricultural Sciences and Natural Resources, Iran.
- Reproductive Techniques in Farm Animals, BS.c. course, Gorgan University of Agricultural Sciences and Natural Resources, Iran.
- Reproductive Techniques in Poultry, BS.c. course, Gorgan University of Agricultural Sciences and Natural Resources, Iran.
- Dairy Cattle Production, BS.c. course Gorgan University of Agricultural Sciences and Natural Resources, Iran.
- Calf and Heifer Raising, BS.c. course, Gorgan University of Agricultural Sciences and Natural Resources, Iran.
- Goat Production, BS.c. course, Gorgan University of Agricultural Sciences and Natural Resources, Iran.
- Organic Animal Production, BS.c. course, Gorgan University of Agricultural Sciences and Natural Resources, Iran.
- Internship 3, BS.c. course, Gorgan University of Agricultural Sciences and Natural Resources, Iran.

9. PUBLICATIONS

INTERNATIONAL JOURNALS

- Mahini M, Arabameri S, Ashayerizadeh O, **Ansari M**, Samadi F. *In ovo* injection of silver nanoparticles modulates some productive traits and hepatic gene expression of broilers exposed to lipopolysaccharide challenge. **3 Biotech 2023**; 13:197-205.
- **Ansari M**, Kargar S, Eslami MA, Falahati R, Albenzio M, Caroprese M, Zamiri MJ, Kanani M. Potential benefits of early-life supplementation of liquid feed with fennel (*Foeniculum vulgare*) seeds or oregano (*Origanum vulgare*) leaves on growth, health, and blood metabolites in Holstein dairy calves. **Journal of Dairy Science 2022**; 105:6639-6653.
- Nasirikhah A, Zhandi M, Shakeri M, Sadeghi M, **Ansari M**, Dledar H, Yousefi AR. Dietary Guanidinoacetic acid modulates testicular histology and expression of c-Kit and STRA8 genes in roosters. **Theriogenology 2019**; 30:140-145.
- **Ansari M**, Zhandi M, Kohram H, Zaghari M, Sadeghi M, Gholami M, Deldar H, Di Fiore MM, Benson AP. D-Aspartate amends reproductive performance of aged roosters by changing gene expression and testicular histology. **Reproduction Fertility and Development 2018**; 30:1038-1048.

- **Ansari M**, Zhandi M, Kohram H, Zaghari M, Sadeghi M, Sharafi M. Improvement of post-thawed sperm quality and fertility of Arian rooster by oral administration of D-aspartic acid. *Theriogenology* **2017**; 92:69-74.
- Seifi-Jamadi A, Ahmad E, **Ansari M**, Kohram H. Antioxidant effect of quercetin in an extender containing DMA or glycerol on freezing capacity of goat semen. *Cryobiology* **2017**; 75:15-20.
- Zhandi M, **Ansari M**, Roknabadi P, Zare-Shahneh A, Sharafi M. Orally-administered Chrysin improves post-thawed sperm quality and fertility of roosters. *Reproduction in Domestic Animals* **2017**; 52:1004-1010.
- Ali EA, Zhandi M, Towhidi A, Zaghari M, **Ansari M**, Najafi M, Deldar H. Letrozole, an aromatase inhibitor, reduces post-peak age-related regression of rooster reproductive performance. *Animal Reproduction Science* **2017**; 183:110-117.
- Borghei-Rad SM, Zeinoaldini S, Zhandi M, Moravej H, **Ansari M**. Feeding of rosemary leaves powder ameliorates age-related subfertility of roosters. *Theriogenology* **2017**; 101:35-43.
- Altawash ASA, Zare-Shahneh A, Moravej H, **Ansari M**. Chrysin-induced sperm parameters and fatty acid profile changes improve reproductive performance of roosters. *Theriogenology* **2017**; 104:72-79.
- Seifi-Jamadi A, Kohram H, Zareh-Shahne A, **Ansari M**, Macías-García B. Quercetin ameliorate motility in frozen-thawed Turkmen stallions' sperm. *Journal of Equine Veterinary Science* **2016**; 45:73-77.
- **Ansari M**, Towhidi A, Moradi Shahre Babak M, Bahreini M. Docosahexaenoic acid and alpha-tocopherol improve sperm cryosurvival in goat. *Slovak Journal of Animal Science* **2012**; 45:7-13.

NATIONAL JOURNALS

- Seifi-Jamadi A, **Ansari M**, Zhandi M. The effect of Chrysin inclusion to Beltsville Extender on cooling storage of rooster sperm. *Journal of Animal Research* **2018**; 32:36-48. (In Farsi with English Abstract)
- Ali EA, Zhandi M, Towhidi A, Zaghari M, **Ansari M**. The effect of dietary Letrozole on plasma gonadotropin concentrations and some testicular histology parameters in 40 weeks old broiler breeder rooster. *Iranian Journal of Animal Science* **2017**; 48:175-183. (In Farsi with English Abstract)
- Mohammadi M, Zare-Shahaneh A, Zeinoaldini S, **Ansari M**. The effect of aromatase inhibitor on frozen-thawed sperm quality and fertility of broiler breeder roosters. *Iranian Journal of Animal Science* **2017**; 48:141-151. (In Farsi with English Abstract)
- Altawash ASA, Zare-Shahneh A, Moravej H, Deldar H, **Ansari M**. Improvement of testis histological parameters and relative expression of StAR in Chrysin-fed roosters. *Iranian Journal of Animal Science* **2017**; 50:207-215. (In Farsi with English Abstract)
- **Ansari M**, Zhandi M, Kohram H, Zaghari M, Sadeghi M. Oral administration of D-Aspartic acid improves sperm quality of broiler breeder roosters. *Iranian Journal of Animal Science* **2016**; 47:165-174. (In Farsi with English Abstract)
- Towhidi A, Samadian F, Kohram H, **Ansari M**. Comparison of sperm lipids fatty acid composition in some domestic ruminants. *Iranian Journal of Animal Science* **2011**; 42:361-367. (In Farsi with English Abstract)

- **Ansari M**, Towhidi A, Moradi Shahre Babak M. Effects of adding different levels of n-3 fatty acids in Bioxcell® on freezing ability of goat sperm. *Journal of Veterinary Diagnostic Science, Islamic Azad University* 2010; 4:1013-1017. (In Farsi with English Abstract)

10. COOPERATION IN SCIENTIFIC JOURNALS

- Reviewer of Iranian Journal of Animal Science, University of Tehran, Iran.
- Reviewer of Journal of Ruminant Research, Gorgan University of Agricultural Sciences and Natural Resources, Iran.
- Reviewer of Poultry Science Journal, Gorgan University of Agricultural Sciences and Natural Resources, Iran.
- English Language Editor of Poultry Science Journal, Gorgan University of Agricultural Sciences and Natural Resources, Iran.