



Moutaz ALHAMADA: Lecturer-researcher in animal sciences

ISTOM, Engineering school in agronomy & sustainable development, Angers, France

moutaz.alhamada@hotmail.com; m.alhamada@istom.fr; +33 (0)6.15.43.24.30

Academic Responsibilities:

- Pedagogic manager of international company internship at Istom since 2022.
- Coordinator Domain of study Livestock system, at Istom since 2021.

Other academic activities:

- Member of the French Association of Zootechnics
- Member of European Association for Precision Livestock Farming
- Reviewer in several scientific journals, 8 articles are reviewed during 2022:
Veterinary Sciences (ISSN: 2306-7381, IF: 2.518)
Animals (ISSN: 2076-2615, IF: 3.231)
Applied Sciences (ISSN: 2076-3417, IF: 2.838)
Agriculture (ISSN: 2077-0472, IF: 3.408)

Professional experiences:

- Since September 2021: Teacher-researcher in animal science, Istom, Angers. France.
- 2020-2021: Teaching and research associate, Pascal Paoli University, Corte 20250. Faculty of science, Corse, France.
- 2019-2020: Teaching and research associate, Faculty of Agronomy. SupAgro Montpellier, Montpellier, France.
- 2017-2019: Postdoc at INRAE, dep Livestock farming system, Montpellier, France.
- 2013-2016: PhD: University of Montpellier, France.
- 2007-2010: Teacher-researcher in University of Aleppo, Faculty of agronomy, Aleppo, Syria.

Education level:

- 2007: Engineer in agricultural sciences. Option: animal production, promotion major. University of Aleppo, Syria.
- 2013: Master II Animal Production in Hot Regions. National Higher School of Agronomy. SupAgro Montpellier.
- 2016: Doctoral thesis: Doctorate at the National School of Agronomy. SupAgro, France.

Other diplomas:

- 2021: Qualification in section 67: CNU Population biology and ecology,
- 2021: Qualification in section 68: CNU Biology of organisms,

Languages:

- French language, mastered level c2
- English language: advanced level B1
- Arabic language: mother tongue;

List of significant publications:

1. Book chapter:

Eliel Gonzalez Garcia, Alexandre Ickowicz, Nathalie Debus, Moutaz Alhamada, Mohamed Habibou Assouma.

Robustesse des animaux d'élevage : des leviers physiologiques et comportementaux au service de l'adaptation.

In Elevages au pâturage et développement durable des territoires méditerranéens et tropicaux. 136p, 2021.

2. Articles: in journals including Impact Factor >2

1. Nathalie Debus, Elene Laclef, Amandine Lurette, **Moutaz Alhamada**, .Anne Tesniere, Eliel González-García, Jean Baptiste Menassol, François Bocquier., High body condition score combined with a reduced lambing to ram introduction interval improves the short-term ovarian response of milking Lacaune ewes to the male effect. *Animal*, 16, 2022.doi.org/10.1016/j.animal.2022.100519
2. Eliel Gonzalez Garcia, **Moutaz Alhamada**, Hugo Nascimento, et al., Measuring liveweight changes in lactating dairy ewes with an automated walk-over-weighing system. *Journal of Dairy Science*, 104. 2021. doi.org/10.3168/jds.2020-19075
3. Eliel Gonzalez Garcia, **Moutaz Alhamada**, Nathalie Debus, et al., Short-, Medium-and Long- Term Metabolic Responses of Adult Meat Ewes Subjected to Nutritional and Adrenergic Challenges. *Animals*, 10, 2020. doi: 10.3390/ani10081320.
4. Eliel Gonzalez Garcia, **Moutaz Alhamada**, Nathalie Debus, Jean-Baptiste Menassol, et al., Short-, medium- and long-term metabolic responses of adult ewes submitted to nutritional and adrenergic challenges. *Journal of Animal Science and Biotechnology* ,39, 2019. doi: 10.1101/723965.
5. Eliel Gonzalez Garcia, **Moutaz Alhamada**, Julien Pradel, Sebastien Douls, Sara PARISOT, Francois Bocquier, J.B Menassol, I. Llach, and Luciano A. Gonzalez. A mobile and automated walk-over-weighing system for a close and remote monitoring of liveweight in sheep. *Computers and Electronics in Agriculture*, 153, 2018. doi: 10.1016/j.compag.2018.08.022.
6. **Moutaz Alhamada**, Nathalie Debus, and Francois Bocquier. An automated method for the evaluation of ram libido in real mating conditions. *animal*, 3:9 p., 2017a. doi: 10.1017/S1751731117000611.
7. **Moutaz Alhamada**, Nathalie Debus, Eliel Gonzalez Garcia, and Francois Bocquier. Sexual behaviour in sheep is driven by body condition and the related nutritional and metabolic status. *Applied Animal Behaviour Science*, 191:24, 2017b. doi: 10.1016/j.applanim.2017.02.004.
8. **Moutaz Alhamada**, Nathalie Debus, Amandine Lurette, and Francois Bocquier. Automatic oestrus detection system enables monitoring of sexual behaviour in sheep. *Small Ruminant Research*, 149: 105, 2017c. doi: 10.1016/j.smallrumres.2017.02.003.

3. International conferences: during the last 2 years.

9. **Moutaz Alhamada**, Eliel González García, Nathalie Debus, et al. Day and night sexual activity of rams as recorded by an automatic heat detector.
In 74th Annual Meeting of the European Federation of Animal Science, Lyon, France. 2023
DOI: 10.3920/978-90-8686-936-7
10. Lisa PETIT, Charlotte MASSUE, Antoinette BRIDEL, Jules DESGREESDULOU, Erwan CRESPEL, **Moutaz Alhamada**.
Welfare of farm animals: among society, breeder and animal.
In 14th International Scientific Agriculture Symposium, Bosnia and Herzegovina, 2023.
11. Zoé L'Hôte, **Moutaz Alhamada**.
Liens entre facteurs sociaux et production laitière au Sénégal.
In 4èmes rencontres internationales Lait, vecteur de développement, Tunis, Tunisie, 2023.
12. Augustine Remy, Silène Carrier, Michel Vaillant, Ludovic Andres, Marc Oswald, **Moutaz Alhamada**.
Développement de la filière bovine laitière au Rwanda : entre stratégies de réunification nationale et stratégies sociales
In 4èmes rencontres internationales Lait, vecteur de développement, Tunis, Tunisie, 2023.
13. Remy A., Andres A., Vaillant M., Oswald M., **Alhamada M.**
Variability of milk production constraints in Burera District at Rwanda.
In 2nd Agrinatura conference, Prague, Czech Republic, 2023.
14. Recurt M., Leleu S., Bonbon H., Desongins A., Sermand R., Oswald M., **Alhamada M.** Influence du stade de la lactation sur la qualité du lait de bufflonne en France.
In 26ème Rencontres autour des Recherches sur les Ruminants, Paris, France, 2022.
URL : <http://www.journees3r.fr/spip.php?article5063>
15. **Moutaz Alhamada**, Eliel González García, Nathalie Debus, et al. Using an accelerometer based on inertial measurement unit to evaluate the sexual activity of the ram.
In 72nd Annual Meeting of the European Federation of Animal Science, Davos, Switzerland. 2021
URL: <https://hal.inrae.fr/hal-03376334v1>
16. Nathalie Debus, Ellen Laclef, Amandine Lurette, **Moutaz Alhamada**, et al. Factors influencing the short term ovarian response of milking Lacaune ewes to the male effect.
In 72nd Annual Meeting of the European Federation of Animal Science, Davos, Switzerland. 2021.