

CV

Dr. Naceur M'Hamdi



Personal data

Title : Lecturer of Biotechnology and Biostatistics

Consultant in statistics and data analysis

Consultant in MEAL

Consultant in Life cycle analysis, Carbon footprint and food security and value chain Consultant in Sustainable development and climate change and Mitigation Adviser at the International Foundation for Sciences

Date/ place of birth 01-02-1977 Houfia, Haffouz, Kairouan

Citizenship Tunisian

Address Higher Institute of Agronomy of Chott-Mariem, BP 47, 4042 Sousse -Tunisia

Phone (Mobile) (216) 96 84 99 75

E-mail naceur_mhamdi@yahoo.fr / naceurmhamdi@gmail.com **Marital**

Status Married with 1 kid

Qualification

Scientific Degree	Institution	Year of Graduation	Discipline
HDR	National Agronomic Institute of Tunisia, University of Carthage, Tunisia	2021	Biotechnology and Data Analysis
Ph.D	Higher Institute of Agronomy of Chott Mareim, University of Sousse, Tunisia	2011	Animal production sustainability
Master	Higher Institute of Agronomy of Chott Mareim, University of Sousse, Tunisia	2006	Animal production sustainability
Engineer	Higher School of Agriculture of Mateur, University of Carthage, Tunisia	2002	Animal and fodder productions
HDR Title	Animal Welfare and Climate Change		
Ph.D. Title	Genetic Indicators of Adaptation and Welfare of Dairy Cattle		
Major field	Animal sciences		
Minor Field	Biotechnology, genetics, and biostatistics		

Employment History

October 2022- February 2023: Data Analyst Unicef, Tunisia

2012- Present: Training the trainers; statistics and data analysis

2015- Present: Training researchers and Ph.D. students: the experimental design, research methodology, and data analysis; University of Carthage, Tunisia

2019-2022: Expert trainer at the Deloitte office specialist in livestock production

2020- Present: Expert trainer at the Tunisian African Office of continuous training specialists in livestock production

2015- Present: Lecturer of Livestock Sciences and Biostatistics at the National Agronomic Institute of Tunis, University of Carthage, Tunisia.

2013- 2015: Associate Professor of livestock production and biostatistics at the National Agronomic Institute of Tunis, University of Carthage, Tunisia.

2009-2013: Assistant teacher of Biostatistics and Experiment design at the Higher Institute of Agronomy of Chott-Meriem, University of Sousse, Tunisia

2003 -2004: Engineer Advisor in milk production in the Tunisian-Luxembourg project to improve the income of small and medium milk producers in the Office of Livestock and Pasture (OEP), Ministry of Agriculture, Tunisia.

Profile and skills

- 1-** Monitoring, Evaluation, Accountability, and Learning (MEAL):
- 2-** Statistics: Descriptive statistics. Statistical inference. Forecasting methods. Data analysis. Analysis of surveys.
- 3-** Data Analysis, principal components analysis, CAH, Data Modelling, and interpretation, Experiment design, Multifactorial Analysis
- 4-** - Artificial intelligence: Development of expert systems in statistics and operational research.
- 5-** Data analysis and modeling
- 6-** Livestock management: Breeding, farming, system, farm management, dairy cattle, meat production, feeding, and food quality
- 7-** Assessment of environmental and social risks and impacts in different sectors: climate change, externalities, production systems, carbon footprint, and Life Cycle Assessment (LCA) 6- Knowledge of the institutional and political framework of environmental legislation 7- Integration of sustainable development issues into business strategies according to circularity strategies: collaborative and functional economy, reconditioning and remanufacturing

- 8-** Analysis of social and environmental responsibility practices
- 9-** Application of economic analysis grid to evaluate various environmental issues
- 10-** Implementation of programs, mobilization of personnel, and technical support
- 11-** Environmental monitoring and follow-up according to performance indicators Adaptation to climate change and greenhouse gas mitigation
- 12-** Environmental Sciences: Climate Change Sciences and Analysis, Urban Sustainability, and Environmental Policy

13- Food Security and Agriculture: Global Food Security, Agriculture, and Nutrition, Climate-- Smart Agriculture, and Agricultural Innovation

Operational Research: assessment of animal welfare. Decision support for environmental management and impact analysis. Animal health care. Genetic selection, molecular genetics, data analysis, milk production, animal science and animal behavior, breeding system, and livestock.

Computer science: Thorough knowledge of the following languages: FORTRAN, PASCAL, and C. Basic knowledge of APL and PROLOG.

- a. Object-oriented programming (C++). Implementation of statistical and operational research software on mainframes (Control Data, Prime, Digital) and microcomputers (IBM PC and Apple Macintosh, using MS-FORTRAN, BORLAND PASCAL 7.0, BORLAND C++ 4.0, BORLAND C++ BUILDER, THINK PASCAL and THINK C).
- b. Good knowledge of the following packages: Statistica, SPSS, SAS, JMP pro, Stat View 4.5, Super Anova, MicroTSP, Statgraphics, and R).

Teaching

In charge of courses

- 1- Statistics and data analysis (descriptive statistics and probability, PCA, AHC, regression model, logistic regression), for Master at à Higher Institute of Agronomy of Chott-Mariem, BP 47, 4042, University of Sousse, Tunisia.
- 2- Statistics and data analysis: Master of Sciences, Faculty of Sciences of Bizerte, Tunisia.
- 3- Experimental design for terminal levels of the engineer.
- 4- Animal Biotechnology
- 5- Milk Production at National Institute of Agronomy of Tunisia, University of Carthage
- 6- Farm animal welfare at National Institute of Agronomy of Tunisia, University of Carthage.
- 7- Breeding System at National Institute of Agronomy of Tunisia, University of

Carthage

8- Research Methods and experiment design: Polytechnique de Sousse, Tunisia

9- Animal welfare for Master: University of Sfax, Tunisia

Research fields

My research looks at quantitative genetic variation in farm species, predominantly dairy cattle, but I am also interested in beef cattle, sheep, and poultry production. I carry out studies using field-recorded on-farm data, this involves computer programming and data analyses as well as statistical analyses. I have a background in the agricultural production system relevant to my research area. Associated with my interests in quantitative genetic variation in farm species. I am interested in realized and observed responses to selection in farm species as well as linear model methodology and its application to large data sets. I am also interested in assessing the production system's durability and farm animal welfare.

Thesis supervision

- Supervision of graduation projects for an engineer; animal sciences (24 projects) - Supervision of Master Thesis. (4 thesis)
- Co-direction of the doctoral thesis (2 Ph.D. thesis)

Associate Editor of:

- Genetics and Biodiversity Journal (GABJ)
- Scientia Agriculturae (SA)
- Journal of Veterinary Science and Animal Medicine

Member at:

- National committee expert on animal health and welfare
- Asian Council of Science Editors

Guest Editor:

Frontiers in Veterinary Science: Special Issue "Farm Animal Welfare and Climate Change: Methods of Assessment and Mitigation."

<https://www.frontiersin.org/research-topics/35033/farm-animal-welfare-and-climate-change-methods-of-assessment-and-mitigation>

Materials MDPI: Special Issue "Bio-Based Materials and Their Environmental Applications".

https://www.mdpi.com/journal/materials/special_issues/bio_material_environment

Reviewer at:

- 1- Acta Scientific Veterinary Sciences
- 2- Agriculture and Natural Resources (Elsevier)
- 3- African Journal of Agricultural Research
- 4- Czech Journal of Animal Sciences
- 5- International Journal of Genetic Engineering
- 6- World Environment
- 7- International Journal of Food Science and Nutrition Engineering
- 8- Advances in Life Sciences
- 9- American Journal of Environmental Engineering
- 10- Resources and Environment
- 11- Livestock Sciences
- 12- Journal of Animal Science

Project Coordinator

- 1- PRIMA: Mediterranean Small Ruminant adaptation to global change. Genomic, transcriptomic, and epigenomic characterization of local breeds to develop new tools for breeding and conservation and to generate high-quality products and economic benefits for human communities (2021-2025)
- 2- PRIMA: Improving sustainability and quality of Sheep and Chicken production by leveraging the Adaptation potential of Local breeds in the Mediterranean area (SCALA-MEDI)
- 3- Projet de développement de la filière lait dans le Nord-Ouest de la Tunisie *
- 4- Elaboration d'une politique de développement durable et développement de projets pour assurer la durabilité des élevages ovin caprins dans le Nord-ouest de la Tunisie : Identifier les contraintes et les difficultés de l'implantation d'un projet dans le domaine du développement durable selon les spécificités du projet (ressources, échéancier et objectifs), Identifier et évaluer les impacts environnementaux et sociaux du projet.
- 5- Analyse de la chaîne de valeur ovine, caprine, chaîne de valeur lait en Tunisie: contraintes, Organisation, stratégies de marketing, systèmes d'alimentation et de production: Identification et caractérisation des acteurs de la chaîne des valeurs des petits ruminants, Dynamique de la chaîne de valeur des petits ruminants de la commune rurale. Les contraintes des différents maillons de la chaîne de valeur
- 6- Adaptation des systèmes d'élevage au changement climatiques
- 7- Changement climatique et techniques d'atténuation des émissions de gaz à effet de serre : Quantifier, analyser les émissions provenant des systèmes d'élevage, Développer des pratiques de production respectueuse de l'environnement.

Training and Internships

- 1- Modelling, Measurement, and Mitigation of the Environmental Impact of Livestock Production Systems, CIHEAM Zaragoza, from 12 to 16 December 2022.
- 2- Monitoring, Evaluation, Accountability, and Learning (MEAL): course completed in June 2022. Pyramid Learning, USA.
- 3- Creativity at Work: A Short Course from Seth Godin: The course was completed on July 13, 2021. LinkedIn Learning 1000 W Maude Ave Sunnyvale, CA 94085
- 4- Training course: How to present scientific data. Within the DAAD Kairo Akademie. On 24th April 2019, in Tunis. Tunisia
- 5- Training course in Big Data Analytics » on 1st November 2018, hotel Ramada Plaza (Gammarth). Tunisia.
- 6- Participation in the workshop: Curriculum Design and Entrepreneurship Tools in Biological Sciences, biotechnology, and Agronomy” organized on April 7-9, 2018 by the Ministry of Higher Education and Scientific Research in collaboration with the Tunisian Association of Biotechnology and Bio-resources Valorization and the Tunisian MIT-Educator ALUMNI Network.
- 7- Training course on feed assessment tool (FEAST). 7-9 October 2013. National Agronomic Institute of Tunisia (INRAT) with the collaboration of the International Livestock Research Institute (ILRI) and ICARDA.
- 8- Advanced courses. Environmental assessment of livestock production systems. April 2013 Zaragoza, Spain.
- 9- Ph.D. thesis « Genetic indicators of adaptation and welfare expressed through some functional traits in Tunisian Holstein cattle. 2011.
- 10- Training course on molecular genetics for three months; Identification of QTLs (Quantitative traits loci) AGRIS Sardaigne, Sassari, Italy from 18 May to 18 August 2008.
- 11- Workshop finale «l'allevamento Nell'area Mediterraneo: aspetti zootecnici, sanitari e ambienti negli allevamenti a condizione convenzionale e biologica», Istituto Zooprofilattico Sperimentale Della Sardegna. 24 et 25 juillet 2008.
- 12- Workshop finale «l'allevamento Nell' area Mediterraneo: aspetti zootecnici, sanitari e ambienti negli allevamenti a condizione convenzionale e biologica», Istituto Zooprofilattico Sperimentale Della Sardegna. 24 - 25 July 2008.
- 13- Lecturing: Writing a scientific paper, organized by Istituto Zooprofilattico Sperimentale

Della Sardegna le 27 July 2008. Sassari, Italy.

- 14- Lecturing Bioinformatics and Comparative Genome Analysis. From March 18 to April 7, 2007. Institut Pasteur Tunis. Tunisia.
- 15- Advanced courses: the welfare of farm animals, March 2007 Zaragoza, Spain; transportation and animal welfare sciences and product quality.
- 16- The report on master in sustainable Agriculture has as a topic the assessment of dairy farm sustainability in Nabeul in the north of Tunisia using the IDEA method. 2006.
- 17- Training course in the protection of the environment and ecosystem. (July 2004)
- 17- Training course in milking hygiene, and milk quality. June 2004).
- 18- Training course in feeding strategies of dairy cows (May 2004)
- 19- Training course in coaching. (March 2004).
- 20- Consulting in Tunisian Livestock and Pasture Office (OEP) in Tunisian- Luxembourg cooperation project to increase the input of dairy producers in small and medium farms through the improvement of bacteriological quality of milk and feeding strategies, from 13- 03-2003 to 15-03-2004.
- 21- The project of engineer graduates has as a topic the situation of meat production and perspectives of improvement in Tunisia. 2002
- 22- Research project: the causes of abortion in sheep. 2002
- 23- Training course in Tunisian Livestock and Pasture Office (OEP): from 01- 07- 2001 to 01- 08- 2001.
- 24- Training course in National Agriculture Bank: from 01- 07- 2000 to 30-07-2000.

Scientific papers

- 1- **Imen Belhadj Slimen, Houari Yerou , Manel Ben Larbi , Naceur M’Hamdi and Taha Najar., 2023.** Insects as an alternative protein source for poultry nutrition: a review. Front. Vet. Sci., 17 August 2023. Sec. Animal Nutrition and Metabolism Volume 10 - 2023 <https://doi.org/10.3389/fvets.2023.1200031>
- 2- **Bejaoui Bochra, Chaima Sdiri, Ikram Ben Souf, Imen Belhadj Slimen, Manel Ben Larbi, Sidrine Koumba, Patrick Martin, and Naceur M’Hamdi. 2023.** "Physicochemical Properties, Antioxidant Markers, and Meat Quality as Affected by Heat Stress: A Review" Molecules 28, no. 8: 3332. <https://doi.org/10.3390/molecules28083332>
- 3- **Hichem Khemiri, Cyrine Darej, Khaoula Attia, Naceur M’Hamdi, Ines Chouchi, Nizar Moujahed. 2023.** Assessment of the main factors affecting goat milk yield and composition in the Northwest region of Tunisia. Mljekarstvo 73 (2) 105-117 (2023)

- 3- **Nefzi, K., Voltas, J., Kefi, B. B., Baraket, M., Rzigui, T., Martin, P., Naceur M'Hamdi, Kamel Msaada & Nasr, Z. (2023).** Seasonal Differences in Ecophysiological Performance between Resprouters and Non-Resprouters across an Aridity Gradient in Northwest Tunisia. *Sustainability*, 15(6), 5298.
- 4- **Hanane Djelailia, Naceur M'Hamdi, Bayrem Jemmali, Rachid Bouraoui and Tah Najar. 2023.** Temperature-Humidity Index Values and Their Significance on the Daily Production of Dairy Cattle in the North African Arid Region. *Al-Qadisiyah Journal For Agriculture Sciences (QJAS)* ISSN: 2618-1479 Vol.13, Issue. 1, (2023), pp. 147-158
- 5- **Sdiri, Chaima, Ikram Ben Souf, Imen Ben Salem, Naceur M'Hamdi, and Mohamed Ben Hamouda. 2023.** Assessment of Genetic and Health Management of Tunisian Holstein Dairy Herds with a Focus on Longevity. *Genes* 14, no. 3: 670. <https://doi.org/10.3390/genes14030670> ((IF: 4. 141).
- 6- **Kefi, B.B.; Nefzi, K.; Koumba, S.; M'Hamdi, N.; Martin, P. 2023.** Application of Doehlert Experimental Design for Optimization of a New-Based Hydrophilic Interaction Solid-Phase Extraction of Phenolic Acids from Olive Oils. *Molecules* 2023, 28, 1073. <https://doi.org/10.3390/molecules28031073>. (IF: 4. 927).
- 7- **Chniter Mohamed, Iheb Taboubi, Amel Dhaoui, Cyrine Darej, M'Hamdi Naceur, Nizar Moujahed. 2022.** Effect of vacuum level on udder aspect and milking in the Sicilo-Sarde ewes. *Research Square* DOI: 10.21203/rs.3.rs-2290620/v1
- 8- **Askri, A., P. Robin, N. M'hamdi, A. Raach-Moujahed, Z. Maalaoui, H. Debbabi. 2022.** Should Farmers Adapt the House Management When Adding Prebiotics to Broiler Diet? *Animal-science proceedings*. Volume 13, Issue 5, October 2022, Page 650 (IF: 3. 730)
- 9- **Khaoula Attia, Cyrine Darej, Naceur M'Hamdi, Frédéric Zahm, Nizar Moujahed. 2022.** Assessment of the sustainability of small dairy farms in the North of Tunisia. *Biotechnol. Agron. Soc. Environ.* 2022 26(3), 166-177. <https://popups.uliege.be/1780-4507/index.php?id=19826> (IF: 1.087)
- 10- **Ben Rhouma Raouia, Aroua Mohamed and M'Hamdi Naceur, 2022.** Super-ovulatory response of Pregnant Mare Serum Gonadotropin (PMSG) treatment to ovarian characteristics of Rabbit under heat stress. *Indian Journal of Animal Sciences* 92 (9): 000–000, September 2022/Article <https://doi.org/10.56093/ijans.v92i9.123917>(IF: 4.33)
- 11- **Ameni Askri, Aziza Raach-Moujahed, Naceur M'hamdi, Zied Maalaoui , Hajer Debbabi, 2022.** Effect of prebiotic supplementation on productive traits, carcass characteristics, and meat quality in growing broiler during the starter period. *Genet. Biodiv. J.*, 2022; 6(2): 142-151
- 12- **Bohra Bejaoui Kefi, Sana Baccouri, Rachel Torkhani, Sidrine Koumba, Patrick Martin and Naceur M'Hamdi. 2022.** Application of Response Surface Methodology to Optimize Solid-

Phase Extraction of Benzoic Acid and Sorbic Acid from Food Drinks. *Foods* 2022, 11, x. <https://doi.org/10.3390/xxxxx> (IF: 4.350)

- 13- **Bochra Bejaoui Kefi, Imen Bouchmila, Patrick Martin, Naceur M'Hamdi. 2022.** Titanium Dioxide Nanotubes as Solid-Phase Extraction Adsorbent for the Determination of Copper in Natural Water Samples. *Materials* 2022, 15, 822. <https://doi.org/10.3390/ma15030822> (IF: .623)
- 14- **Saida Matallah, Naceur M'Hamdi, Fouzi Matallah, and Zeineb Bounouala.2022.** Effet du type de stabulation sur le bien-être des vaches laitières en Algérie. *Canadian Journal of Animal Science*. <https://doi.org/10.1139/CJAS-2021-0001> (IF: 1.015)
- 15- **Ameni Askri, Aziza Raach-Moujahed, Manel Ben Larbi, Naceur M'Hamdi, Mohammed Salah Abbassi, Zied Maalaoui, Saloua Dhaouadi, Hajer Debbabi, 2022.** Supplementation of Broiler's Rations by *Saccharomyces Cerevisiae* Prebiotic : Effect of Breeding Stages on Growth Performances and Caecal Microbiota. [SYLWAN., 166(1)]. ISI Indexed, Jan 2022. (IF: 0.691)
- 16- **Naceur M'Hamdi, Cyrine Darej, Khaoula Attia, Ibrahim El Akram Znaidi, Refka Khattab, Hanane Djelailia, Rachid Bouraoui, RahmaTaboubi, Lamjed Marzouki and Moez Ayadi., 2021.** Modeling THI effects on milk production and lactation curve parameters of Holstein dairy cows. *Journal of Thermal Biology* 99 (Suppl. 1):102917 (IF: 2.361)
- 17- **Manel Ben Larbi1, Ameni Askri, Naceur M'Hamdi, Amal Hazmi, Adnene Haffar, Nadia Ben Braiek, Kaouther Mrabet, Hajer M'Hamdi, 2021.** Effects of induced heat stress on eggs during incubation on hatchability, incubation time, and chick quality. [SYLWAN., 165(12)]. ISI Indexed, Dec 2021 (IF: 0.691)
- 18- **Naceur M'Hamdi, Cyrine Darej, Hajer Guesmi, Rachid Bouraoui, and Hajer M'Hamdi, 2021.** Assessment of meat-sheep welfare using animal-based measures. *Animals* (ISSN 2076-2615) (IF: 2.31)
- 19- **Sameh Elkribi-Boukhris1, Naceur M'hamdi, Iteb Boughattas, Sondes Helaoui1, Cecile Coriou, Sylvie Bussiere, Valerie Sappin-Didier & Mohamed Banni, 2021.** Assessment of heavy metal pollution transfer and human exposure risks from the consumption of chicken grown in mining-surrounding areas. *Environmental Science and Pollution Research* <https://doi.org/10.1007/s11356-021-15995-9> (IF: 4.331)
- 20- **Djelailia, H., M'Hamdi, N., Jemmali, B., Bouraoui, R., & Najar, T. 2021.** Effects of thermal stress on physiological parameters and plasma hormones concentration in Holstein dairy cows under arid climatic conditions. *South African Journal of Animal Science* (IF: 0.678).
- 21- **Khaoula Attia, Cyrine Darej, Naceur M'Hamdi, Ghazi Sadkaoui, and Nizar Moujahed. 2021.** Effects of rations and seasons on milk yield and composition in small and medium dairy farms from a Tunisian northern area. *Mljekarstvo Journal* (IF: 1.148).
- 22- **Khaoula Attia, Cyrine Darej, NAcour M'Hamdi, Frederic Zham, Nizar Moujahed. 2021.**

Sustainability assessment of small dairy farms from the main cattle farming systems in the North of Tunisia. *New Medit - A Mediterranean Journal of Economics, Agriculture, and Environment* (IF: 0.825)

- 23- **Ameni Askri, Aziza Raach-Moujahed, Naceur M’Hamdi, Zied Maalaoui, Hajer Debbabi. (2021)** *Saccharomyces cerevisiae*-derived prebiotic as a sustainable bioactive substance for improving broiler meat quality. *Large Animal Review*, (27) (IF: 0.38).
- 24- **Ikram Bensouf, Naceur M’Hamdi, Hatem Ouled Ahmed, Faten Lasfar, Belgacem Ben Aoun, Abdessalem Trimech. 2021.** Determination of race Performance’s Factors of Arabian Thoroughbred Tunisian Horses and the Impact of Introduction of Occidental Thoroughbred Horses in Tunisia. *Malaysian Journal of Sustainable Agriculture (MJSA)* DOI: <http://doi.org/10.26480/mjsa.01.2022.07.11>
- 25- **Khemiri, H., N. M’Hamdi, N., Darejd, C., Chniter, M. Kthiri, M., H. Baazaouic, H. M’Hamdi, N. Moujahed. 2021.** Phenotypic characterization of goat ecotypes in northwestern Tunisia. *Malaysian Animal Husbandry Journal (MAHJ)* 1(1) (2021) 33-39
- 26- **Khemiri, H., C. Darej, K. Attia Khaoula, N. M’Hamdi, C. Sghir, M. Kthiri, Moujahed Nizar, 2021.** Evaluation of the sustainability of goat farms in the North-Western region of Tunisia. *Malaysian Animal Husbandry Journal (MAHJ)* 1(2) (2021) 54-59
- 27- **Askri, A., Raach-Moujahed, A., M’Hamdi, N., Maalaoui, Z., & Debbabi, H., 2020.** Broiler’s performance and carcass characteristics improved by prebiotic supplementation. *Large Animal Review*, 26(5), 249-256 (IF: 0.38).
- 28- **Maher Dhahri, Hana Aouinet, and Naceur M’Hamdi, 2019.** CFD analysis of the effect of uniformly sheared airflow on natural ventilation in the building. *International Journal of Ambient Energy*. DOI: 10.1080/01430750.2019.1673815 (IF: 3.219)
- 29- **Naceur M’Hamdi, Manel Ben Larbi, Aziza Raach Moujahed, Cyrine Darej, Khoulood Boukhali, Nadia ben Braiek, Hajer M’Hamdi, Kaouther Mrabet, and Abdallah Jebeli, 2019.** Influence of sepiolite’s incorporation in the diet on the performance and welfare of turkey reared on two types of litter. *Arch. Anim. Poult Sci.* 1(2) 555558. (Indexed)
- 30- **Brahmi-Mohamed A., Mechi A., M’Hamdi N. 2019.** Durabilité de l’élevage ovin systèmes en Tunisie centrale: cas de la région de Sidi Bouzid. In: Ruiz R. (ed.), López-Francos A. (ed.), López Marco L. (ed.). *Innovation for sustainability in sheep and goats*. Zaragoza : CIHEAM, 2019. p. 423-431 (Options Méditerranéennes : Série A. Séminaires Méditerranéens ; n. 123)
- 31- **Takwa Aloui, M’Hamdi Naceur, Bouraoui Rachid, M’Hamdi Hajer, Haykel Hechlef, and Mouna Hedhli, 2018.** Environmental Impacts of Bovine Meat Production. *Journal of Dairy & Veterinary Sciences (JDVS)*. MS.ID.555742 (2018). (Indexed)
- 32- **Naceur M’Hamdi, Rachid Bouraoui, Cyrine Darej, Abir Mahjoub, Lamia Hassayoune,**

- Hajer M’Hamdi, and Latifa Lanouar, 2018.** The Effect of Storage Temperature and Duration on the Composition and Bacteriological Quality of Raw Milk. *Research & Reviews : Journal of Agriculture and Allied Sciences*. Volume 7: Issue 1, p77-82. (Indexed)
- 33- **Ghazouani A.; M’Hamdi, N.; Zneidi I.A; Darej, C. Guoiaa, N., Hasnaoui M.; Bouraoui, R. and M’Hamdi, H., 2018.** Life cycle analysis of raw milk production in Tunisia. *Global Advanced Research Journal of Agricultural Science* (ISSN: 2315-5094) Vol. 7(12) pp. 393- 398, December 2018 Special Anniversary Review Issue. Available online <http://garj.org/garjas/home> ((Indexed))
- 34- **Amira Zairi, Sahar Nour, Naceur M’Hamdi, and Mounir Trabelsi, 2018.** Antioxidant, antimicrobial, and phenolic content of infusion, decoction, and methanolic extracts of Thyme and Rosmarinus species. *Current pharmaceutical biotechnology* 19. DOI: 10.2174/1389201019666180817141512 (IF: 2.46)
- 35- **Hachana Y, Znaidi A. and M’Hamdi N., 2018.** Effect of somatic cell count on milk composition and mozzarella cheese quality. *Acta Alimentaria* Volume 47, Issue 1. <https://doi.org/10.1556/066.2018.47.1.11> (IF: 0.458)
- 36- **Arbia Djebbi, Naceur M’Hamdi, and B Haddad, 2018.** Assessment of hatchability of Tunisian local turkey compared to commercial turkey and its relationships with physical egg traits. *Indian Journal of Animal Research*. DOI 10.18805/ijar. B-770. (IF: 0.319)
- 37- **Chouchen Rana, Haj Ayed Mediha and Naceur M’Hamdi, 2018.** Effects of the Incorporation of Zeolite on Zoo Technical Parameters of Chicken. *Journal of Animal Sciences and Livestock Production*. Vol.2 No. 1:011.
- 38- **Chouchen Rana, Haj Ayed Mediha and Naceur M’Hamdi, 2017.** Effect of the incorporation of clay on feeding digestibility nutrient retention, and digestive organ size of broiler. *Applied Science Reports*. 20 (3), 2017: 79-83
- 39- **Naceur M’Hamdi, Cyrine Darej, Hajer M’Hamdi, Khaoula Atia, Latifa Lanouar, Rana Chouchene, Ghazi Sadkaoui and Adel Abbès, 2017.** Assessment of the sustainability of smallholder beef cattle farms in the north of Tunisia. *Journal of Animal Research and Nutrition*. Vol.2 No.1:23. Pp
- 40- **Cyrine Darej, Naceur M’Hamdi, Nizar Moujahed, Chedly Kayouli, 2016.** Performances économiques des fermes laitières du secteur organisé en Tunisie. *Revue « Nature & Technologie »*. B- Sciences Agronomiques et Biologiques, n°16/Janvier 2017, Pages 23 à 28
- 41- **Lotfi M’Hamdi, Nejib M’Hamdi, Naceur M’Hamdi, Philippe Lejeune, Nicole Jaffrezic, Noël Burais, Riccardo Scorretti, Jirý Pokorný, and Laurence Ponsonnet, 2016.** Effect of a static magnetic field on *Escherichia coli* adhesion and orientation. *Can. J. Microbiol.* 62: 944–952 (2016) [dx.doi.org/10.1139/cjm-2015-0839](https://doi.org/10.1139/cjm-2015-0839). (IF: 1.793)

- 42- **Baccouche, R, B. Jemmali, M. Haddad, N. M’Hamdi, M Ben Hamouda, 2015.** Phenotypic Characterization of Native Bovine Population in Northern Tunisia. App. Sci. Report. 10 (1), 2015: 38-44. (IF: 0.676)
- 43- **Bouallegue, M, R. Steri, N. M’Hamdi and M. Ben Hamouda, 2015.** Modeling of individual lactation curves of Tunisian Holstein-Friesian cows for milk yield, fat, and protein contents using parametric, orthogonal, and Spline models. Journal of Animal and Feed Sciences, 24, 2015, 11–18 (IF: 1.023)
- 44- **Maamouri, O, H. Selmi, N. M’Hamdi, 2014.** Effects of yeast (*Saccharomyces Cerevisiae*) feed supplement on milk production and its composition in Tunisian Holstein Friesian cows. Scientia Agricultura Bohemica, 45, 2014 (3): 170–174 .(IF: 0.215)
- 45- **Naceur M’Hamdi, Latifa Lanouar, 2014.** Consommation et gaspillage de viandes et produits laitiers en Tunisie. Food Losses and Waste in the Mediterranean. Watch letter N° 30, September 2014.
- 46- **M. Bouallegue, N. M’Hamdi, M. Ben Hamouda, B. Haddad, 2014.** Study of non-genetic factors on the shape of lactation curves for milk yield, fat, and protein percent of Holstein Friesian cows under hot Mediterranean climate. Archiva Zootechnica 17:1, 55- 75, 2014 ((IF: 0.294)
- 47- **A. Djebbi, N. M’Hamdi, I. Haddad, A. Chriki, 2014.** Phenotypic Characterization of Indigenous Turkey (*Meleagris Gallopavo*) In the Northwest Regions of Tunisia. App. Sci. Report. (IF: 0.676)
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Languages

Language Written Spoken

Arabic Native Native

French V.good V.good

English Good Good

Italian Medium Good

Information technologies

System of exploitation

- MS-DOS.
- Windows.
- Linux

Languages of Programmation

- Turbo Pascal.
- Algorithm and data structure.
- FrontPage 2000.

Software

- SAS
- XL STAT
- STATISTICA
- STAT LAB
- SPSS
- AUTOCAD
- MATLAB
- R
- Design Expert