



Alaa Kareem Niamah, MS, PhD

**Basrah University, College of Agriculture,
Dept. of Food Science, Basrah city, Iraq.**

Birth day and place : 11/6/1979 Nissrah city- Iraq.

Sex: male

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Education

- BSc. - Food and Dairy Technology - 2001
- MSc. - Dairy Microbiology 2004
 - Thesis title - Using of Local Isolates of *Lactobacillus acidophilus* In Production of Probiotic Sour Cream
- PhD - Biotechnology & Dairy Microbiology – 2010
 - Thesis title - Production of Pediocin like Bacteriocin from a Local Isolate of *Pediococcus acidilactici* and Using It as Foods Preservative)
- **Associate Professor at 30 /6/ 2013**

Work Experience

- Basrah University, College of Agriculture, Dept. of Food Science, Iraq 2002 – present time

Publications (short list)

Pamphlet researches No. 3 in Food microbiology, Dairy microbiology and Biotechnology.

1. Study of the inhibitor effect of clove extract (*Eugenia caryophiata*) on *Staphylococcus aureus* and *Escherichia coli*. *J. Missan Researches*.2 (2005) <http://www.iasj.net>
2. Monitoring the quality of *Silurus triostegus* (HECKEL 1843) fresh and smoked stocked at room temperature. *Marina Mesopotamia J.* 21(2): 271-299 (2006) <http://www.iasj.net>
3. Cellulase production by fungi from seed palm by *Aspergillus niger*. *Basrah J. Date palm research*,1-2(5) (2006) <http://www.iasj.net>
4. Soymilk fermentative by *Lactobacillus casei*. *Basrah J. Veterinary research*.2(5) (2006). <http://www.iasj.net>
5. Susceptibility of *Staphylococcus aureus* and *Escherichia coli* isolated from fish to some antibiotics. *J.The university of Karbala.* 7(4):221-227.(2009) <http://www.iasj.net>
6. Microbial assessment of cream manufacturing by local strains from *Lactobacillus acidophilus*. *Basrah J. Agricultural science.* 21:304-314. 2008 <http://www.iasj.net>
7. Effect of some organic acids on storability of tomato fruits cv. super mamande *J. The university of Karbala.*5(4):143-148.(2007) <http://www.iasj.net>
8. Detecting for *E. coli* O157:H7 in dairy products which were locally processed and found in Basra city markets. *Basrah J. Agricultural science* .1(24) : 290-302 . (2011) <http://www.iasj.net>
9. Use PCR in edification *ped* gen for local isolates from *Pediococcus acidilactici*. *Basrah Scientific J. education college.* 37 (4)156-165 (2011) www.basra-science-journal.org/contbioa/cont37EA
10. The ability of *Trichoderma harzianum* on cleavage of cellulose of date palm leaves.*J. Tikrit Agricultural science.* (2011) <http://www.iasj.net>.
11. Survival of local isolates *Lactobacillus casei* in presence of bile salt and acid. *J.The university of Thi-Qar* 1(3):36-41.2007. <http://www.iasj.net>
12. Optimization of pediocin production from a local isolate of *Pediococcus acidilactici* and studding of its spectrum activity. *Basrah Scientific J. education college.* 37 (4)130-144 (2011). www.basra-science-journal.org/contbioa/cont37EA

13. Effect *Pediococcus acidilactici* culture extract on bacteria of meat and cheese Iraqi Journal of Agriculture 16(6)339-346 (2011).
14. Detected of *Aero* gene in *Aeromonas hydrophilia* isolates from shrimp and peeled shrimp samples in local markets Journal of Microbiology, Biotechnology and Food Sciences 2012 : 2 (2) 634-639
<http://www.jmbfs.org/current-issue/>
15. Detection of *Listeria monocytogenes* bacteria in four types of milk using PCR. *Pakistan Journal of Nutrition*. 11(12) : 1158-1160 2012.
www.pjbs.org/pjnonline/fin2397.pdf
16. Effect of ultrasonic treatment on buffalo milk hominization and Numbers bacterial. *World Journal of Dairy & Food Sciences* 7 (2): 185-189.
[idosi.org/wjdfs/wjdfs7\(2\).htm](http://idosi.org/wjdfs/wjdfs7(2).htm)
17. Effect of chitosan on apple juice quality . *International Journal of Agricultural and Food Science*. 2(4):153-157. 2012
urpjournals.com/table_of_contents.php?journalID=7 -
18. Study of Pediocin production properties from local isolation of bacteria *Pediococcus acidilactici* (IN PRESS).
19. Bioactive compounds and in vitro antimicrobial activity of extracts from yellow Banana peels. 40: (IN PRESS) *Iranian Journal of Science and Technology* impact factor = 0.33 accept.
www.ijsts.shirazu.ac.ir/article_3350_0.html
20. Effect of aqueous and alcoholic plant extracts on inhibition of some types of microbes and causing spoilage of food. *Pakistan Journal of Food Sciences*, 25 (3):104-109. 2015. www.psfst.com/.../e18b3f66e326e5fab8325a05004fa
21. Study the optimal conditions Bio-yogurt for production from soymilk. *Kufa journal of Agriculture science*. Vol. 8, 2016. . <http://www.iasj.net>
22. Antibacterial and antioxidant activities of essential oils extracted from Iraqi coriander (*Coriandrum sativum* L.) seeds. *International Journal of Scientific & Engineering Research*, Volume 7, Issue 2, February-2016 p: 1511-1515. impact factor = 3.8 . <http://www.ijser.org> .
23. Extraction of chitosan, characterization and its use for water purification, *Journal of the Saudi Society of Agricultural Sciences* (2016), doi: <http://dx.doi.org/10.1016/j.jssas.2016.04.001> accept.
24. Mannan extract from *Saccharomyces cerevisiae* used as prebiotic in bio-yogurt production from buffalo milk (IN PRESS)
25. Gum Arabic uses as prebiotic in yogurt production and study effects on physical, chemical properties and survivability of probiotic bacteria during cold storage (IN PRESS)

Book

1. **Tittle chapter seven** (Principles of Ultrasonic Technology for Treatment of Milk and Milk Products) **in Book Food Process Engineering: Emerging**

- Trends in Research and Their Applications. 2016.**
www.appleacademicpress.com/title.php?id.
2. **Title Chapter three** (Effect of Ultrasonic Treatment on Buffalo Milk Homogenization) **in Book Novel Technologies in Food Engineering.**
<https://www.lap-publishing.com/.../book/...3.../novel-tec> 2012.
3. **Title chapter four** (Microbial Intoxication in Dairy Food Product) **in Book Microorganisms in Sustainable Agriculture, Food, and the Environment.**
www.appleacademicpress.com/microorganisms-in...food-and-the...-/9781771884792 . 2016.

Thesis supervisor

1. Preparing Fermented Soymilk and Studying the Chemical, Microbiological and Sensory Characteristics and its Effects on Certain Blood Criteria of Rats. MSc. Thesis. Basrah University. 2016.

Workshops

- Training course in Biotechnology and Microbiology, Marine center, Basrah University, 15-22/12/2004.
 - Theoretical and Practical Course "Genetic Applications in Human and Animal Health" between Basrah University and International Center for Genetic Engineering and biotechnology, 20-25/3/2011.
 - Theoretical and Practical Course" Proteomics: High Throughput Analysis of Proteins and Proteome by Mass Spectrometry" in International Center for Genetic Engineering and biotechnology (ICGEB). India 10-21/10/2011 .
 - Course “Applications of Human Y-Chromosome and mtDNA in Forensic and Anthropological Investigations” between Basrah University and International Center for Genetic Engineering and biotechnology, (ICGEB). 4-8/11/2012 .
- Organizing Committee.**
- Training course “Cattle and buffalo breeding in marshland” between Basrah university and Firenze university (Italy) 1-30/ 5/ 2013.

Conference

- The first scientific Conference of Rehabilitation of marshes is everyone's responsibility, Marine center, Basrah University, 11-12/4/ 2005.

- The first scientific Conference of Agriculture college, Agriculture college, Basrah University, 26-27/11/2007.
- The Fourth scientific Conference of Microbiology and Biotechnology, College Education, Basrah University, 1-2/ 12/ 2010.
- The Fifth scientific Conference of Microbiology and Biotechnology, College Sceince, Basrah University, 2-3/ 4/ 2014. **Organizing Committee**
- International Conference on Food Nutrition and Civil Engineering (ICFNCE'2015) that will be held during March 14-15, 2015 Dubai, **Reviewer Committee. icfnce.org/committee.php**.
- International Conference on Chemical, Metallurgy and Environmental Engineering May 29-30, 2015 Istanbul (Turkey). **Reviewer Committee cmaee.org/committee.php**
- International Conference on Environment And Civil Engineering (ICEACE'2015) that will be held during April 24-25, 2015 Pattaya, Thailand. **Program Technical Committee. iceace.org/scientific_committee.php**.

Journals

- One of editorial board in **The Journal of Microbiology, Biotechnology and Food Sciences (JMBFS)**, <http://www.jmbfs.org/editorial-members/>
- One of editorial board in **Advanced journal of Agricultural research (AJAR)** , <http://advancedjournals.org/ajar>
- One of editorial board in **Agricultural Science, Engineering and Technology Research (ASETR)** , asetr.org/Editor%20Board.php
- One of editorial board in **Peak journal of Food Science (PJFS)** http://peakjournals.org/PJFST-ed_board.html .
- One of editorial board in **Innovative Journal of Medical and Health Science (IJMHS)** , www.innovativejournal.in
- One of editorial board in **Comprehensive Research Journal of Agricultural Sciences (CRJAS)** , www.crjournals.org/CRJAS/Editorial.htm .
- One of editorial board in **American Open Microbiology Journal (AOMJ)**, www.rekpub.com/.../Editor%20Board.php .
- One of editorial board in **American Open Food Science Journal (AOFSJ)**, www.rekpub.com/.../Editor%20Board.php .

- One of editorial board in **Journal of Medical Biomedical and Applied Sciences(JMBAS)** www.jmbm.in/index.php/jmbm/pages/view/editorial_board
- One of editorial board in **Journal of Food Biology (JFB)** WWW.Scienceflora.org/journals/index.php/fb/.../editorial-board