

# Resume



## 1. GENERAL INFORMATION:

Home	Basra – IRAQ
Date of birth	JANUARY, 1962
Phone number	770326840700964
Email address	Batool.mahmod6@gmail.com
Status	Married
Nationality	Iraqi
The scientific title	Lecturer
General major	Food Sciences
Specialty	Enzymes

## 2. ACADEMIC QUALIFICATION:

- B.A.Food science (Iraq -Basra university) \ 1984
- MSc. Food science (Iraq -Basra university) \ 2010
- Ph.D. Food science (Iraq -Basra university) \ 2016

## 3. CERTIFICATES

Certificate	Date	Certification body
Certificate of appreciation for participation in the annual exhibition of the Department of Agricultural Food Sciences	2016	Department of Food Sciences
Certificate of appreciation for participation in the work of the Eighth Scientific Conference on Agricultural Research	2012	Ministry of Agriculture / Baghdad
Certificate of Appreciation for the contribution to the performance of the tasks assigned to it by the Food Science Department	2016	Department of Food Sciences
Certificate of appreciation for participation in the annual exhibition of the Department of Agricultural Food Sciences	2012	Deanship of the College of Agriculture
Congratulations on obtaining a Ph.D. degree	2016	Bsara University
Certificate of appreciation for participation in the Spectral Techniques (UV, IR, NMR) workshop and its scientific applications	2018	College of Science / ChemistryDepartment

<b>Certificate of appreciation for participation in the workshop. Extraction, isolation and evaluation of some effective compounds from medicinal plants</b>	<b>2018</b>	<b>College of Science / Chemistry Department</b>
<b>Certificate of appreciation for participating in the scientific symposium (National Classification Criteria for Iraqi Universities)</b>	<b>2016</b>	<b>Faculty of Veterinary Medicine, Physiology Department</b>
<b>Certificate of appreciation for participation in the scientific symposium (water pollution and its effects on field animals)</b>	<b>2012</b>	<b>Faculty of Veterinary Medicine, Physiology Department</b>
<b>Thanks and appreciation for the efforts made by checking the work of the examination committee</b>	<b>2018</b>	<b>University of Basra</b>
<b>Thanks and appreciation for the efforts made by checking the work of the examination committee</b>	<b>2018</b>	<b>College of Agriculture</b>
<b>Certificate of appreciation for participation in the workshop (quality of feed and its management in fish farming projects)</b>	<b>2019</b>	<b>College of Agriculture</b>
<b>A prize for participation in alnakhla Organization conference for the Environment and Agricultural Resources in the Middle East</b>	<b>2020</b>	<b>Cairo</b>

#### **4. Training courses and workshops**

<b>Name</b>	<b>Place</b>	<b>Duration</b>	<b>Date</b>
<b>Participate in a workshop held in the College of Agriculture / Food Science Department (Practical applications of dairy products manufacturing)</b>	<b>College of Agriculture / Department of Food Sciences</b>	<b>2 Days</b>	<b>December 20-22, 2016</b>
<b>Participation in the workshop (separation of protein biomolecules from their raw solutions)</b>	<b>College of Science / Department of Chemistry - University of Basra</b>	<b>2 Days</b>	<b>9-10 / January / 2017</b>
<b>Participate in a workshop (DNA_RNA and protein analysis by using blotting technique)</b>	<b>College of Veterinary Medicine - University of Basra</b>	<b>2 Days</b>	<b>April 19-20 / 2017</b>

<b>Participate in a workshop (primer design &amp; PCRtroubleshooting)</b>	<b>College of Veterinary Medicine</b>	<b>2 Days</b>	<b>15-16-3 -2017</b>
<b>Workshop sign-up (analysis of bioactive compounds by GCMS)</b>	<b>College of Agriculture / Department of Food Sciences / University of Basra</b>	<b>2 Days</b>	<b>22-23- 10-2017</b>
<b>Training workshop (UV, IR, NMR spectroscopic techniques) and their practical applications</b>	<b>College of Science / Department of Chemistry / University of Basra</b>	<b>2 Days</b>	<b>8 -9 -1- 2018</b>
<b>Training workshop (extraction, isolation and estimation of some effective compounds from medicinal plants)</b>	<b>College of Science / Department of Chemistry / University of Basra</b>	<b>2 Days</b>	<b>14 – 15 – 3-2018</b>
<b>Sign up for Be an Academic writer training workshop</b>	<b>College of Agriculture / Department of Food Sciences / University of Basra</b>	<b>3 Days</b>	<b>6 – 8 -5 -2018</b>
<b>Sign up for a Basic Endnote Training workshop</b>	<b>College of Agriculture / Department of Food Sciences / University of Basra</b>	<b>2Days</b>	<b>4 – 5 -11 -2018</b>
<b>Understanding the electronic publishing, revising process, and increasing the visibility of researcher’s works using publons and kudos.</b>	<b>College of Agriculture / Department of Food Sciences / University of Basrah</b>	<b>2 Days</b>	<b>26 – 27 - 2018</b>
<b>Participation in the ninety ninth session of scientific promotion</b>	<b>Center for the Development of Teaching Methods and University Training</b>	<b>5Days</b>	<b>- 2- 16-12 2012</b>
<b>Participation in the online workshop tagged managing the distance education process using the Google classroom platform</b>	<b>College of Agriculture / Department of Plant Protection</b>	<b>1 Day</b>	<b>2020 -6 -10</b>
<b>Participation in the scientific workshop tagged using the Image software for scientific research purposes</b>	<b>Faculty of Agriculture / Department of Fish and Marine Resources</b>	<b>2Days</b>	<b>-1 -29-28 2020</b>

Participation in global training courses - Control Of Substances Health Hazard Risk assessor	International association for chemical safety	2Days	2020- 2- 17-16
Participation in a workshop on stem cells and their applications	College of Science / Department of biology	2Days	2019 -11-20
Participation in an electronic workshop (Turnitin, the first step in scientific integrity)	Basra University / Center for constant Education	3 Days	2020-6-6
Participation in an electronic workshop (methods and programs for overcoming electronic plagiarism)	Basra University / Center for constant Education	2Days	2020 - 6- 8
Participation in an electronic workshop Reinforcing Our Immune System to Fight COVID-19	University of Debrecen- Hungary at Cisco Webexplatform	1Day	2020- 6- 4
Participation in the electronic workshop (applications in GC-MASS in food analysis and food safety)	Al-QasimAlKhadraa University / constant Education Center	1Day	2020 -4 -8

#### 5. LANGUAGES AND DEGREE OF PROFICIENCY:

English	Write/ Read/Oral
Arabic	Write/ Read/Oral

#### 6. SKILLS

- MS office (excel, word, power point, SharePoint,access ..)
- SPSS
- Presentation (Zoom ,team ,FCC..)

#### 7. EMPLOYMENT RECORDS:

Position (starting from the current position)	from	to
Lecturer	2016	Till now
assistant Lecturer	2010	2013
Lab assistant	1985	2010

## 8. Research activity

Activity name	Status		
1-Preparing edible foods from gluten of varieties of local wheat and studying their retaining and mechanical properties	2011	Published	Basra Journal of Agricultural Sciences
2- Preparing edible compound films, studying their physical properties and using them in sidr fruit packaging	2012	Published	Basra Journal of Agricultural Sciences
3- Preparing composite edible membranes from wheat gluten and studying their confinement and mechanical properties	2011	Published	Baghdad Journal of Agricultural Sciences
4- Extraction of the lipase enzyme from some varieties of germinated oilseeds and a study of their chemical composition	2017	Published	DhiQar University Journal for Agricultural Research
5- The effect of the addition of the enzyme lipase and enhancer Ovalette on the rheological, sensory and storage characteristics of laboratory baking.	2016	Published	Basra Journal of Agricultural Sciences
6- Purification and characterization of the lipase enzyme extracted from germinated soybean seeds	2017	Published	Missan Journal of Academic Studies
7- Study the effect of metal ions, reducing agents, chelating agents, surfactants, and soaps on the effectiveness of the lipase enzyme purified from germinated soybean seeds	2017	Published	The Iraqi Agricultural Journal
8- Study the effect of adding different concentrations of Foeniculumvulgare powder on the physiochemical and qualitative characteristics of sponge cake stored for different periods of time.	2018	Published	Syrian Journal of Agricultural Research
9- Determination the Lipase Activity of Staphylococcus sp.Strain Isolated from Clinical Specimens	2020	Published	Journal of Pure and Applied Microbiology

<b>10- The effect of different boiling processes on the effectiveness of the peroxidase enzyme and the specific characteristics of frozen carrot slices</b>	<b>2020</b>	<b>Published</b>	<b>Journal of Pure and Applied Microbiology</b>
<b>11- Diagnosis and study of some chemical elements and compounds in the Shilajit mummy and their use as antioxidants and antimicrobials</b>	<b>2020</b>	<b>Published</b>	<b>Syrian Journal of Agricultural Research</b>
<b>12- Development of Antioxidant Activity of Potato Starch Edible -Films Incorporate with Rosemary Rosmarinusofficinalis L. Oil and Used it in Packaging Beef Patti</b>	<b>2020</b>	<b>Acceptable</b>	<b>Basra Journal of Agricultural Sciences</b>
<b>13- Isolation, Identification and determination enzymatic activity of locally esterase producing bacteria isolated from imported expired dairies</b>	<b>2020</b>	<b>Acceptable</b>	<b>Biochemical and Cellular Archives</b>

#### **9. Committees participated in**

<b>Examination committee</b>	<b>2012</b>	<b>College of Agriculture / Department of Food Sciences</b>
<b>Examination committee</b>	<b>2019</b>	<b>College of Agriculture / Department of Food Sciences</b>
<b>Department Absences Committee</b>	<b>2018</b>	<b>College of Agriculture / Department of Food Sciences</b>
<b>Department Absences Committee</b>	<b>2019</b>	<b>College of Agriculture / Department of Food Sciences</b>
<b>Department Social Activities Committee</b>	<b>2017</b>	<b>College of Agriculture / Department of Food Sciences</b>
<b>Committee for preparing the annual agricultural exhibition of the department</b>	<b>2017</b>	<b>College of Agriculture / Department of Food Sciences</b>
<b>Electronic Archiving Committee</b>	<b>2010</b>	<b>College of Agriculture / Department of Food Sciences</b>
<b>Statistics and Information Committee</b>	<b>2011</b>	<b>College of Agriculture / Department of Food Sciences</b>

Quality control committee	2019	College of Agriculture / Department of Food Sciences
Receipt and Delivery Committee	2019	College of Agriculture / Department of Food Sciences

#### 10. Supervising graduate students' projects

Study the effect of adding different concentrations of <i>Foeniculumvulgare</i> powder on the physiochemical and qualitative characteristics of sponge cake stored for different time periods.	The fourth stage	College of Agriculture / Department of Food Sciences
Preparation of edible films from potato starch incorporated with rosemary oil for use in beef tablet packaging	The fourth stage	College of Agriculture / Department of Food Sciences
Study the effect of boiling methods on the specific properties of some plant sources	The fourth stage	College of Agriculture / Department of Food Sciences
Characterization of the antioxidant activity of natural essential oils on the peroxide enzyme in some leafy plants	The fourth stage	College of Agriculture / Department of Food Sciences

#### 11. Teaching experiences

Material name	Stage or level
Food Manufacturing 1	The Fourth
The basics of human nutrition	The Third
Physical chemistry	The second
Basics of food industries	the second
Seminars	the fourth
Agricultural Projects	the fourth
Lab management	the second
organic chemistry	the second
analytical chemistry	The third

<b>Food Chemistry</b>	<b>The third</b>
<b>Biochemistry</b>	<b>The second</b>
<b>Dates manufacturing</b>	<b>the third</b>
<b>physical chemistry</b>	<b>The third</b>

## **12. Conferences and seminars**

<b>Conference or seminar</b>	<b>Date</b>	<b>Country</b>
<b>1- Participation in the Eighth National Conference for Environment and Natural Resources</b>	<b>2018 -11 -15- 14</b>	<b>Iraq</b>
<b>2- Participation in the tenth scientific conference for agricultural research</b>	<b>2017</b>	<b>Iraq</b>
<b>3- Participation in the Eighth Scientific Conference for Agricultural Research</b>	<b>2011</b>	<b>Iraq</b>
<b>4- Participation in the National Conference for Environment and Natural Resources</b>	<b>2018</b>	<b>Iraq</b>
<b>5- Participation in the tenth scientific conference for agricultural research</b>	<b>2019</b>	<b>Iraq</b>
<b>6- Participation in the third international scientific conference of the Environmental and Agricultural Palm Organization</b>	<b>14- 15- 16- 2020</b>	<b>Cairo</b>
<b>7- Participation in the scientific seminar (modern methods of scientific research management and the publishing process)</b>	<b>2018</b>	<b>College of Veterinary Medicine / Physiology, Veterinary Medicines and Chemistry Branch</b>
<b>8- Participation in the scientific symposium (Pandemic influenza: causes, problems and solutions)</b>	<b>2017</b>	<b>College of Veterinary Medicine / Microbiology Branch</b>
<b>9 - Participation in the scientific symposium (water pollution and its effects on field animals)</b>	<b>2018</b>	<b>College of Veterinary Medicine / Physiology and Veterinary Medicines Branch</b>



<b>10- Participation in the scientific symposium (National Academic Classification Criteria for Iraqi Universities)</b>	<b>2018</b>	<b>College of Veterinary Medicine / Physiology, Veterinary Medicine and Chemistry Branch</b>
<b>11- Participation in the electronic symposium (fish viruses and the risks of their transmission to humans)</b>	<b>21-4 - 2020</b>	<b>Faculty of Agriculture / Department of Fish and Marine Resources in cooperation with the Center for Marine Sciences via the Cisco platform</b>
<b>12- Participation in the electronic symposium (the role of insects in transmitting epidemic viruses)</b>	<b>22-4 - 2020</b>	<b>faculty of Agriculture</b>
<b>13- Participation in the electronic symposium (the emerging corona virus pandemic)</b>	<b>19- 8- 2020</b>	<b>Iraqi Genetic and Environmental Resources Association</b>
<b>14-Participation in Biotechnology and Biochemical Approaches in Poultry Science Workshop</b>	<b>3-9 -2020</b>	<b>Baghdad, Iraq</b>
<b>15-Participation in the scientific symposium (Organic plants fertilizer)</b>	<b>31- 8- 2020</b>	<b>Baghdad, Iraq</b>
<b>16-Participation in the scientific symposium (duck scientist)</b>	<b>26- 8- 2020</b>	<b>Baghdad, Iraq</b>
<b>17- Participation in the symposium on basic concepts in electronic publishing</b>	<b>16- 9- 2020</b>	<b>Department of Research and Development and the Supreme Council of Iraqi Scientific Societies</b>