



SOBHY AHMED AZAB EL-SOHAIMY

Professor of Food Biochemistry

<b>PERSONAL INFORMATION</b>	<p>Full Name: SOBHY AHMED AZAB ELSOHAIMY</p> <p>Affiliations: Food Technology Department, Arid Lands Cultivation Research Institute, City of Scientific Research and Technological Applications</p> <p>Address: Universities &amp; Research Centers District, New Borgelarab, 21923, Alexandria, Egypt</p> <p>Mobile No.: +201001323230</p> <p>E-mail: selsohaimy@srtacity.sci.eg</p> <p>Important links: <a href="https://www.linkedin.com/in/prof-sobhy-el-sohaimy-6b72082b/">https://www.linkedin.com/in/prof-sobhy-el-sohaimy-6b72082b/</a>  <a href="https://publons.com/researcher/1289313/sobhy-ahmed-el-sohaimy/">https://publons.com/researcher/1289313/sobhy-ahmed-el-sohaimy/</a>  <a href="https://orcid.org/my-orcid">https://orcid.org/my-orcid</a>  Scopus 54580874300   Web of Science Q-3040-2016   ORCID  <a href="http://orcid.org/0000-0002-1657-5162">http://orcid.org/0000-0002-1657-5162</a>   Google scholar  <a href="https://scholar.google.com/citations?hl=en&amp;user=GZyBmOEAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=GZyBmOEAAAAJ</a>   Publons  <a href="https://publons.com/dashboard/summary/">https://publons.com/dashboard/summary/</a></p>
<b>EDUCATION</b>	<p><b>PhD (BIOCHEMISTRY) 2005</b></p> <p><b>MSc. (Biochemistry) 1998</b></p> <p><b>BS. (Biochemistry) 1995</b></p>
<b>ACTIVITIES</b>	<p><b><u>Scientific Activities</u></b></p> <p><b>1. Visiting Professor 23.01.2020- Current</b></p> <p>Description Teaching for undergraduate and graduate students (Biochemistry Course, Functional Food Course, Chemistry of Food Additives Course, Fundamental</p>

	<p>Rules of Scientific Research)</p> <p>Developing a Scientific Research in functional food and food safety</p> <p><b>2. Visiting Professor</b> <b>08/02/2019–07/05/2019</b></p> <p>Description</p> <p>University of Sassari (UNISS), Teaching of Functional Food course for Postgraduate students</p> <p>Carrying out collaborative research on the nutritional quality of artichoke</p> <p><b>3. Visiting Professor</b> <b>04/05/2016–23/05/2016</b></p> <p>Description</p> <p>Department of Biochemistry, Institute of Life Sciences, Virginia Tech University, Virginia (USA)</p> <ul style="list-style-type: none"> <li>▪ Collaborative Research Work on some pharmaceutical enzymes from bacteria</li> <li>▪ Follow up the progress of the PhD student's work.</li> </ul> <p><b>4. Post-Doctoral Fellowship</b> <b>14/01/2014–25/06/2014</b></p> <p>Lincoln University, Faculty of Agriculture and Life Sciences, Department of Wine, Food and Molecular Biosciences, Christchurch (New Zealand)</p> <ul style="list-style-type: none"> <li>▪ Isolation and Characterisation of legume proteins</li> <li>▪ Fortification of some food products (Pasta and Muffins) with legume protein isolate for raising their nutritional quality.</li> <li>▪ Physicochemical and rheological characterization of Pasta and Muffins fortified with protein isolate</li> </ul> <p><b><u>5. Training Courses &amp; Workshops</u></b></p> <p><u>Training &amp; Organization</u></p> <ul style="list-style-type: none"> <li>▪ Lecturer at "PERSPECTIVES FOR PROCESS INNOVATION AND PRODUCT IN STRATEGICSECTORS FOR AGRICULTURE IN SARDINIA". New and Advanced Technology for extending shelf life of Fruits and Vegetables. 14 February, 2019, Cagliari, Italy,</li> <li>▪ New Trends in the utilization of Palm Oil in Food Industry. City of Scientific Research In cooperation with Malaysian Palm Oil Council. September 23, 2018, Tulip hotel, Alexandria, Egypt.</li> <li>▪ Dairy Industry in Egypt: Problems and Challenges. March 13, 2017. City of Scientific Research and Technological Applications, Alexandria, Egypt</li> <li>▪ Food Contaminants: Risk, Detection and Prevention. September 26, 2016, City of Scientific Research and Technological Applications, Alexandria, Egypt</li> <li>▪ Nutritional and Therapeutic Uses of Honey Bee Products. 24th May 2016.</li> </ul>
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	<p>City of Scientific Research and Technological Applications, Alexandria, Egypt</p> <ul style="list-style-type: none"> <li>▪ Moringa- Its Food and Medical Importance, May 11th, 2015. Arid Land Cultivation Research Institute, City of Scientific Research and Technological Applications, Alexandria, Egypt.</li> <li>▪ Chromatography and New Techniques in food Science. March 30, 2015, Faculty of Agriculture (Saba Basha), Alexandria University, Alexandria, Egypt.</li> <li>▪ 1st Mycotoxins Workshop “Modern Detection of Mycotoxins in Food and Feed” 10 Feb. 2015, Food Technology Department, Arid Land Cultivation Research Institute, City of Scientific Research and Technological Applications, Alexandria, Egypt</li> <li>▪ The 2nd international workshop of JatroMed project 2014, Morocco.</li> <li>▪ Trainer of Training of trainers on cultivation and development of Jatropha Curcas. 20-22 May 2013, JatroMed Project, the City of Scientific Research and Technological Applications, Alexandria, Egypt.</li> <li>▪ Advanced Biotechnology workshop, 1-6 September 2012, Syndicate Scientists, Alexandria, Egypt.</li> <li>▪ Molecular Biology: Theory and Practice workshop, 23-27 March 2008, Alexandria University, Alexandria, Egypt.</li> <li>▪ Food analysis, Safety and Quality Control Workshop. Mubarak City for Scientific Research and Technology Applications. 13-15 January 2008, Alexandria, Egypt.</li> </ul> <p>Attendance</p> <ul style="list-style-type: none"> <li>▪ Technology of creation of electronic courses in the electronic learning system based on LMS Moodle, Online Course, Electronic Library system April 21, 2020, Russian Federation.</li> <li>▪ Applying for E.U. PRIMA Research Grants. Academy of Scientific Research and Technology, Cairo, Egypt, 4th to 5th November 2018.</li> <li>▪ Fish Physiology and Biochemistry Workshop, 22-23 October 2018, National Oceanography and Fisheries Institute, Alexandria, Egypt.</li> <li>▪ Utilization of palm oil in the food industry, 2018, Alexandria, Egypt</li> <li>▪ Introduction to the PRIMA Program and Horizon 2020. Academy of Scientific Research and Technology, Helton Hotel, Alexandria, February 2018</li> <li>▪ Symposium of Food Hygiene and Safety. 17 February 2016, National Research centers, Cairo, Egypt</li> <li>▪ Symposium of Modern Strategies to Reduce Food Contaminants, 25 February</li> </ul>
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	<p>2015, Food Toxicology and Contaminants Department, National Research Center, Cairo, Egypt.</p> <ul style="list-style-type: none"> <li>▪ The 3rd international workshop of JatroMed project. Alexandria, Egypt, March 2015.</li> <li>▪ Improving communication between Food Technologists and Consumer Scientists during the food innovation process–training course for food industry professionals –Tuesday 25h November 2014. Uppsala Konsert and Kongress, Uppsala (Sweden)</li> <li>▪ General Chromatography &amp; New Technique of the HPTLC (HPTLC-MS). Peak Scientific Instruments, S. A. E. (Psi). November 11th, 2014. City of Scientific Research and Technological Applications, Alexandria, Egypt.</li> <li>▪ Biosafety Workshop “Risk assessment: Role of Science in GMO decision-making, 30 June-4July 2014. International Center for Genetic Engineering and Biotechnology, Trieste, Italy.</li> <li>▪ Data Analysis and Modeling using CoStat Statistical Software. 1st December 2014. City of Scientific Research and Technological Applications, Alexandria, Egypt.</li> <li>▪ Capacity Building in Technology Transfer, Commercialization and Technology Start-Up workshop, Malaysian Technology Development Corporation &amp; Academy of Scientific Research, November 29th – December 1st 2012, Fairmont Heliopolis, Cairo, Egypt.</li> <li>▪ 2012 UNESCO-WTA International Training Workshop on Development of Science Parks and Technology Business Incubators. Daejeon, Republic of Korea, 14-17 November 2012.</li> <li>▪ Lecturer in the Workshop entitled "Detection of Pathogenic Bacteria in Water and Food" with lecture entitled " Food Born Pathogens". 25-27 June 2012. Genetic Engineering and Biotechnology Institute, City of Scientific Research and Technological Applications, Alexandria, Egypt.</li> <li>▪ Illumina, the Breakthrough (The state-of-the-art in Microarray and Sequencing). September 19, 2012 Grand Nile Tower, Laylaty Ballroom, Cairo, Egypt</li> <li>▪ National Security Training Course 3-9 October 2008, Institute of Strategic Sciences, Cairo, Egypt.</li> <li>▪ Training Course of Diplomatic Studies. Institute of Diplomatic Studies, Ministry of Foreign Affairs, Cairo, Egypt, 21-23 October, 2008.</li> <li>▪ International Training Workshop on planning, Building &amp; Management of</li> </ul>
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Science parks. December 2-15 2007, Shanghai China.

- ICGEB Theoretical and Practical Course in proteomics and Protein bioinformatics. University of Limpopo, South Africa 09-13 July 2007.
- Enhancement of practical skills of botany, microbiology and biochemistry students (D-080-HO) molecular biology. Faculty of Science, Alexandria University. August 2007. (Trainer).
- Laboratory Biosafety and Biosecurity Workshop. April 3-5, 2007, Academy of Scientific Research and Technology, Cairo, Egypt.
- DNA isolation and purification techniques October 15-18, 1998, Mubarak City for Scientific Research and Technology Applications. Alexandria, Egypt.
- From gene to protein workshop. 15-18 January 1999, Mubarak City for Scientific Research and Technology Applications, Alexandria, Egypt.
- Introduction to SAS 28. 12. 1998-31.01 1999. Alexandria. Egypt.
- Fermentation Technology Workshop, 21-24 September 1998, Mubarak City for Scientific Research and Technology Applications, Alexandria, Egypt.

#### **6. International Journals Editing & Reviewing**

Editor of International Journals

- Academic Editor of Asian Food Science Journal.
- Associate Editor in American Journal of Food Technology Since March 21, 2016
- Associate Editor in the Journal of Applied Sciences Since March 21, 2016
- Journal of Applied Sciences Research  
[http://www.insinet.net/jasr\\_editorial\\_board.html](http://www.insinet.net/jasr_editorial_board.html)
- Associate Editor of Directory of Open Access Journals (DOAJ) till 2016.
- Journal of Nutritional Health and Food Engineering  
<http://medcraveonline.com/JNHFE/editorialboard>
- African Journal of Food Science and Technology
- Bio Accent Journals (Food Science and Technology).  
<https://bioaccent.org/foodsciencetechnology/editorialboard.php>
- African journal of Food and Nutrition sciences

#### **Reviewer of International Journals**

- Journal of Food Chemistry
- LWT-Journal of Food Science and Technology
- International Journal of Dairy Technology
- British Food Journal
- Annals of Agricultural Sciences
- Asian Journal of Biotechnology and Bioresource Technology
- Journal of Physiology and Pathophysiology
- Journal of Nutrition, Food Research and Technology (Ology Journals)
- Journal of Food Science

- Journal of Food Science and Technology
- International Journal of Dairy Technology
- Science Alert (American Journals of Food Technology)
- African Journal of Agricultural Research (AJAR)
- African Journal of Food Science and Technology (AJFST)
- African Journal of Food Science (AJFS)
- Journal of Medical and Biological Science Research
- African Journal of Biotechnology
- Journal of Agricultural Science and Food Technology (JASFT)
- International Journal for Vitamin and Nutrition Research (IJVNR)
- Journal of Medical Plant Research (JMPR)
- American Journal of Food Technology
- Pakistan Journal of Biological Sciences
- Asian Journal of Scientific Research
- Research Journal of Photochemistry
- Food Reviews International
- Egyptian Journal of Chemistry
- Scientific Study and Research: Chemistry and Chemical Engineering, Biotechnology, Food Industry
- Alexandria Journal of Food Science and Technology
- Scientific Study and Research: Chemistry and Chemical Engineering, Biotechnology, Food Industry
- Journal of Apicultural Research
- Pakistan Journal Of Nutrition
- Euro-Mediterranean Journal for Environmental Integration
- Egyptian Journal of Chemistry
- Acta Amazonica
- Food Porn Pathogens and Disease
- Journal of Food Safety
- Journal of Nutrition, Food Research and Technology

#### **7. Memberships of international Societies**

- American Chemical Society (ACS) (Membership No: 30186095)
- Canadian Institute of Food Science and Technology (ID: 18496)
- International Society for Nutraceuticals and Functional Foods (ISNFF) (Ref. No. 661333940011550020 M)
- ISEKI –Food Association member (European Association for Integrating Food Science and Engineering knowledge Into the Food Chain). <https://www.iseki-food.net/user/752>.

	<ul style="list-style-type: none"> <li>▪ IFA National Representative. <a href="https://www.iseki-food.net/general/about_ifa/ifa_natrep">https://www.iseki-food.net/general/about_ifa/ifa_natrep</a></li> <li>▪ Academic Society for Functional Foods and Bioactive Compounds (ASFFBC),</li> <li>▪ Agricultural biotechnology network in Africa (ABNETA)</li> <li>▪ Functional Food Center</li> <li>▪ International Union of Food Science and Technology (IUFoST)</li> <li>▪ Egyptian Food Technology Association</li> <li>▪ Egyptian Food Safety Association</li> </ul> <p><b>8. Conferences</b></p> <ul style="list-style-type: none"> <li>▪ Invited and hosted Scientist at Global Forum for Innovations in Agriculture (GFIA), 1-2 April: Abu Dhabi National Exhibition Centre, 2019.</li> <li>▪ Keynote Speaker at the International Conference on Advances in Biosciences and Biotechnology (ICAAB-2019). Utilization of Quinoa Flour for Development of Highly nutritive bakery products. January 31st-February 2nd, 2019.</li> <li>▪ El Sohaimy S. A. Shehata M. G. and Yousof M. In vitro assessment of hypocholestermic activity of <i>Lactococcus lactic</i> subsp. <i>Lactis</i>. 21st Euro-Global Summit on Food and Beverages, March 8-10, 2018 Berlin, Germany.</li> <li>▪ El Sohaimy Sobhy A., Mehany Taha and Zaytoun Mohamed A. 2016. Physicochemical and functional properties of quinoa protein isolate . 14 th ISEKI_Food conference, 6-8 July 2016 , Vienna, Austria .</li> <li>▪ El Sohaimy S. A. , Masry S. D and Shehata M. G. 2016. Physicochemical characteristics of honey from different origins. 13th Asian Apicultural Association Conference. 24-26 April 2016.</li> <li>▪ Invited Scientist to 1st Annual Conference of Laboratories of Ministry of Health and Population, Alexandria Directorate-"Community Based Laboratory Practice Conference", September 28th-29th, 2016, Hilton Corniche Hotel, Alexandria, Egypt.</li> <li>▪ El Sohaimy, S. A. Taha M. and Zaytoun M. 2015. Physiochemical and Functional properties of Quinoa Protein Isolate. 12th Desert Technology Conference (DT12). 16-19 November 2015, Cairo University, Cairo, Egypt.</li> </ul>
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- El Sohaimy S. A., Elsheikh M., Taha M. and Zaytoun M. 2015. The Effect of Repining on the Olive Oil Quality. 12th Deseret Technology Conference (DT12). 16-19 November 2015, Cairo University, Cairo, Egypt.
- Invited Speaker with lecture entitled "Mycotoxins and Livestock Production" in the 2nd International Conference on the Modern Approaches in Livestock's Production Systems Organized by Animal and Fish Production Department, Faculty of Agriculture, Alexandria University, October 12-14, 2015, Alexandria, Egypt
- Pharmaceutical Biotechnology Conference. 24-25 December 2014, IGSR Biotechnology Scientific Society, Alexandria University, Alexandria, Egypt.
- M. Rashad, S. El Sohaimy (2014). Evaluation of *Jatropha curcas* oil extracted from four genotypes cultivated in Egypt under different treatments. 26th International Conference on Industrial Crops and Products (AAIC 2014), Athens, Greece.
- El Sohaimy S. A. Abdelwahab, C. Brennan, A. Aboul-enein 2014, Phenolic content, antioxidant and antimicrobial activities of Egyptian date palm (*Phoenix dactylifera* L.) fruits. Innovations in Attractive and Sustainable Food for Health. 28th EFFoST Conference. 7th Food Factory for the Future Conference. 25-28 November 2014. Uppsala Concert and Conference, Uppsala Sweden.
- Makhlouf A. M. A. Elsaadani, S. A. Al Sohaimy and H. F. Makhlouf 2012. Genetical and Biochemical studies on Legume Lectin gene in Green Peas (*Pisum sativum* and *Licorice* (*Glycyrrhiza glabra*) Plants in Egypt. The Fifth Saudi Science Conference "A New Vision of the Role of Basic Sciences in Development" April 16-18, 2012, Umm Al-Qura University, Makkah, Saudi Arabia.
- Attendance in Innovation and Technology Transfer to the Egyptian Industry: Exploring the German Model. June 10th, 2008, Cairo, Egypt.
- El-Sohaimy S. A. Save food for Childs. 2008. First International Conference: for save industry for Childs. 2-4 February, Faculty of Kindergarten, Alexandria University
- Annual Meeting of Senior Management groups 2007. Civil society and the next stage, 31 October-



4 November 2007, Alexandria, Egypt

- EL-SOHAIFY S. A., Gelmanov M. K. and Saminov N. A. 2006. Preparation of liposome-based on Phosphatidylinositol for medical applications. Biovision Alexandria 26-29 April, Alexandria, Egypt, poster session pp 9.
- EL-SOHAIFY S. A., Bersimbaev R. I., Gabdrahmanova G. A., Gilmanova S. M., Saminov N. A., (2005). Plant Spherosome and its application in biotechnology. Third International Scientific Conference, part I, 15-17.
- EL-SOHAIFY S. A. 2004. Studying of a chemical composition of plant spherosome. The International Conference: Chemistry and application of the natural and synthetic biologically active connections, 109-112.
- EL-SOHAIFY S. A. Samenov N. A., Gukkengejmer E. J., Kistaubaeva A. S., Gabdrahmanova G. Z. 2003. Creation of Drug Delivery system from Phosphatidylinositol. International scientific conference. The Modern Goals and achievements in the field of genetics and selections. March, 26-27, Almaty, 115.
- AL-SOHAIFY S. A. and Saminov N. A. 2003. Studying Subcellular organelle "Spherosome" and its application. International conference: Kazakhstan Society Today: Science, Culture and Economy, Almaty, 94-97.
- AL-SOHAIFY S. A and Moharram H. N. (2001). "PCR Cloning of Lectin Genes from Leguminous Medicinal plants Native to NW Coast of Egypt" Conservation and Sustainable Use of Biodiversity in Egypt Workshop, Mansoura University, Mansoura, Egypt, p.64.
- AL-SOHAIFY S. A. (2000). "Leguminous Protein Films for Nutritional and Pharmaceutical Applications "Sixth Arab International Conference on Material Science (Plastic Materials for Agriculture Applications) 19-22 November Alexandria Egypt, pp131-135.

#### **9. Teaching Experience**

- Course of Biochemistry for 1st class
- Course of Chemistry of Food additives for 3ed class
- Course of Chemistry of Food additives for 4th class
- Course of Functional Food for master students
- Supervisor of summer school entitled (Sustainable food supply chain) at the department of Food Technology, Arid Lands cultivation Research Institute, CRTA-City) Summer 2019
- Supervisor of winter school entitled (Sustainable food supply chain) at the department of Food Technology, Arid Lands cultivation Research Institute, CRTA-City)- Winter 2018.
- Advanced Biotechnology course for Postgraduate Students, Faculty of Science, Alexandria

	<p>University.</p> <ul style="list-style-type: none"> <li>▪ Proteomics and Protein bioinformatics course for Postgraduate Students, Faculty of Science, Alexandria University.</li> <li>▪ Food Biochemistry fundamental course</li> <li>▪ Functional foods fundamental course</li> <li>▪ Protein isolation and characterisation</li> </ul> <p><b>10. Evaluator &amp; Examiner</b></p> <ul style="list-style-type: none"> <li>▪ "Cynara scolymus (Artichoke) by-products as a novel protective and therapeutic dietary supplement for Alzheimer disease" Department of Biochemistry, Faculty of Science, Alexandria University.</li> <li>▪ External examiner for PhD thesis entitled" Different Studies on Artichoke and its By-products" Department of Food Science, Faculty of Home Economy, Al-Azhar University, July 2019.</li> <li>▪ External examiner for Master Science entitled" Fortification of Some Functional dairy Products Using Chia Seeds" Department of Dairy Science, Faculty of Agriculture, Alexandria University, July 2019.</li> <li>▪ Evaluator and assessor of the projects of Egyptian Scholars 2, Call no. 2/2019/ASRT, Academy of Scientific Research and Technology, 2019.</li> <li>▪ External examiner of master thesis entitled " Assessment of biological activities of Costus speciosus and its role in petroleum applications." Department of Biochemistry, Faculty of Science, Alexandria University (2019).</li> <li>▪ External examiner of master thesis entitled" Quality assessment of environmental contamination of Egyptian honey bee.". Department of Insect Science, Faculty of Science, Tanta University (2019).</li> <li>▪ External examiner of the Ph.D. thesis entitled " Development and application of some natural preservatives for meat products. Faculty of Veterinary medicine, Alexandria University (2018).</li> <li>▪ External examiner of the Ph.D. thesis entitled " Purification and identification of active peptides from fertile and table eggs" Faculty of Veterinary medicine, Banha University (2018). Egypt</li> <li>▪ External examiner of the Master thesis entitled " Invitro assessment of some plant extracts as natural preservatives of meat products. Faculty of Veterinary medicine, Alexandria University (2018).</li> <li>▪ Evaluator and examiner of the Egyptian National Prizes.</li> <li>▪ External examiner of the master thesis entitled" Screening, isolation and identification of pathogenic bacteria in chicken meat products in the Egyptian market. Faculty of Veterinary medicine, Alexandria University.</li> <li>▪ External examiner of the Master thesis entitled" Sonchus Oleraceus extract as a treatment for nonalcoholic steatohepatitis in an experimental animal model "</li> </ul>
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	<p>Department of Biochemistry, Faculty of Science, Alexandria University.</p> <ul style="list-style-type: none"> <li>▪ External examiner of the Master thesis entitled" Sonchus Oleraseus extract as a treatment of Alzheimer's disease in an experimental animal model " Department of Biochemistry, Faculty of Science, Alexandria University.</li> <li>▪ External examiner of the Ph.D. thesis entitled" Biochemical and Molecular Evaluation of Secondary Metabolites in some Marin organisms and their Symbiotic Microorganisms" Department of Biochemistry, Faculty of Science, Alexandria University.</li> <li>▪ External examiner of the Ph.D. thesis entitled" production and Assessment of Hypocholesterolemic Functional Food" Department of Food Science and Technology, Faculty of Agriculture, Alexandria University.</li> <li>▪ External examiner of the MSc. thesis entitled " Biochemical and Physiological use of Fermented date seeds as anti-aflatoxicosis in Nile Tilapia - Oreochromis niloticus " Department of Biochemistry, Faculty of Science, Alexandria University.</li> <li>▪ External examiner of the MSc. thesis entitled " Biochemical Studies on Bioactive Compounds from Fruits wastes" Department of Biochemistry, Faculty of Agriculture, Cairo University.</li> <li>▪ Assessor of the National Committee of Professors and Associate Professors Promotion. Ministry of Scientific Research and Technology</li> <li>▪ Assessor and Evaluator of Projects of Academy of Scientific Research and Technology</li> </ul> <p><b>11. Scientific Supervision</b></p> <p><b><u>Ph.D . Thesis</u></b></p> <ul style="list-style-type: none"> <li>▪ Taha Mehani " Development of non-dairy functional beverages based on quinoa seeds" Department of Food Science and Technology, Faculty of Agriculture (Saba Pasha), Alexandria University</li> <li>▪ Hanem Mohamed " Development of functional food supplement from olive leaves" Department of Food Science and Technology, Faculty of Agriculture (Saba Pasha), Alexandria University (2019).</li> <li>▪ Mahdy Nansr "APPLICATIONS OF ACTIVE PACKAGING IN FISH AND FISH PRODUCT" Department of Food Science and Technology, Faculty of Agriculture (Saba Pasha), Alexandria University (2019).</li> <li>▪ Heba Abdel-Magid " InVitro evaluation of biochemical and nutritional and characteristics of artichoke and its application in the food industry" Department of Food Science, Faculty of Home Economy, Al-Azhar University (2019).</li> <li>▪ Michael Magdy" Development of novel natural preservatives for meat products" Faculty of Veterinary Medicin, Alexandria University</li> <li>▪ Nurhan Abdo" Development of novel anti-Alzheimer food supplement based on Artichoke byproducts" Department of Biochemistry, Faculty of Science, Alexandria University.</li> <li>▪ Heba Shaat" Preservation Potential of Artichoke extract" Department of Food</li> </ul>
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	<p>Science, Faculty of Home Economic, Al-Azhar University</p> <ul style="list-style-type: none"> <li>▪ Hamada Abdel-Sattar " Control of Microbial Contamination in Food using Nanotechnology" Department of Food Science and Technology, Faculty of Agriculture, Alexandria University.</li> <li>▪ Mohamed Gamal " Production and Assessment of Hypocholesteremic Functional Food" Department of Food Science and Technology, Faculty of Agriculture, Alexandria University. "Finished"</li> <li>▪ Hagar Saied " Production and Physico-chemical Characteristics of Probiotic Dimyatti-Like-Cheese". Department of Dairy Science, Faculty of Agriculture, Alexandria University.</li> <li>▪ Marwa Awad Mohamed" Purification and Characterization of Bacteriocins from Lactobacillus acidophilus" Department of Food Safety, Faculty of Veterinary Medicine, Benha University. "Finished"</li> <li>▪ Heba Anis Mansour " Purification and Structure of Glucosides Hydrolyses 28 for Industrial Applications" Department of Biochemistry, Faculty of Science, Damietta University.</li> <li>▪ Neveen Monir " Existence of Aflatoxin M1 in Milk and its Sequestration by Some Probiotics Strains" Food Hygiene and Control, High Institute of Public Health, Alexandria University.</li> </ul> <p><b><u>MSc. Thesis</u></b></p> <ul style="list-style-type: none"> <li>▪ Miral Kamal" Biochemical and Preservation assessment of some natural extracts for food industry" Faculty of Veterinary Medicine, Alexandria University.</li> <li>▪ Ahmed Zaytoun "Physicochemical and Functional Characteristics of Flaxseed Mucilage" Department of Food Science, Faculty of Agriculture (Saba Basha), Alexandria University. " Finished"</li> <li>▪ Sally Said " Production and Biochemical characterization of Recombinant Streptokinase as a Thrombolytic Agent" " Finished"</li> <li>▪ Hanem Mohamed Mahmoud " Chemical and Technological Studies on Olive leaves as Functional Food". Department of Food Science, Faculty of Agriculture (Saba Basha), Alexandria University. " Finished"</li> <li>▪ Mahdi Nasrullah " The Effect of Natural antioxidants on the quality of meat products. Department of Food Science and Technology, Faculty of Agriculture, Zagazig University. " Finished"</li> <li>▪ Taha Mehany Hussien " Evaluation of Nutritional and Functional Properties of Quinoa Seed and its use in some Bakery Products." Department of Food Science, Faculty of Agriculture (Saba Basha), Alexandria University. "Finished"</li> <li>▪ Mohamed Hasaballah" Chemical and nutritional evaluation of Moringa (Moringa oleifera) and its application in the food industry" Department of Food Science, Faculty of Agriculture (Saba Basha), Alexandria University. "Finished"</li> </ul>
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	<p>▪ Fatema Saad " Assessment of HACCP application in meat processing". Food Science Department, Faculty of Agriculture, Benha University "Finished"</p> <hr/> <p><b>Administrative Activities</b> List your Administrative Activities here... (Activity Title, Description &amp; Date)</p> <p><b>1. Head of Department of Food Technology      01/12/2012–23.01.2020</b> City of Scientific Research and Technological Applications, Alexandria (Egypt) The Department of Food Technology recognizes the fundamental importance of food and nutrition to human well-being and pleasure. Our researchers gain practical expertise through innovative research skills meet needs and developments by drawing on the connections between what we consume and how we live. The Department creates and shares knowledge to ensure a safe, healthy, and appealing food supply that supports the well being and prosperity of people and the environment. Innovating together to improve health through food.</p> <p><b>2. Cultural and Educational Attach.- 07/11/2008–30/11/2011</b> Director of the Egyptian Cultural Center, Head of Scientific and Educational Mission Embassy of the Arab Republic of Egypt to Kazakhstan, Almaty (Kazakhstan)</p> <p><b>3. Head of Research Projects Administration Office    20/07/2019–Present</b> <b>4. Chairman of the Committee of Grievances and Complaints    07/2012–Present</b> City of Scientific Research and Technological Applications (SRTA-City), Alexandria (Egypt)</p> <p><b>5. Chairman of the Committee of International Agreements      02/2012–Present</b> City of Scientific Research and Technological Applications (SRTA-City), Alexandria (Egypt)</p> <p><b>6. Chairman's Assistant of City of Scientific Research and Technological Applications      03/2008–11/2008</b> Member of the committee of biosafety, City of Scientific Research and Technological Applications, Alexandria, Egypt</p> <hr/> <p><b>Extra-curriculum Activities</b> List your Extra-curriculum Activities here... e.g. (Leadership, Community services &amp; Volunteer work)</p>
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### **1. Industry Collaboration experiences**

- International Education and Academic Consulting at IEACON Consulting, Stockholm, Sweden.
- Scientific consultant for Al-Madina Company for Pharmaceutical Industries
- Scientific consultant for Summermoon for Food Industries
- Scientific Consultant of the Egyptian Businessmen Association.
- Scientific consultant of El-Chief company for food industries.
- Scientific consultant of Agrocorp for Agricultural Investment.
- Scientific consultant of Al-Ashraf for Food Industry.

### **2. Public Lectures**

- Lecture entitled " Natural bioactive compounds and Health benefits" Egyptian Japan University (EJust), November 2019.
- Lecture entitled" Development of based-quinoa bakery products for malnutrition" Faculty of Agriculture (Saba Pasha), Alexandria university, October 2019.
- Lecture entitled "Nutritional and pharmaceutical power of artichoke" for PhD students, Faculty of Agriculture, University of Sassari, Sassari, Italy, 2019.
- Lecture entitled "Functional Foods and Health benefits" for PhD students, Faculty of Agriculture, University of Sassari, Sassari, Italy, 2019.
- Lecture entitled "Advanced technology to extend shelf-life of horticulture products". University of Caligary, Sardinia, Italy February, 2019.
- Lecture entitled "Artichoke: A Magic Superfood" University of Sassari, Sassari, Italy, March, 2019.
- Lecture entitled " Nutritional and Pharmaceutical characteristics of Artichoke" University of Sassari, Sassari, Italy, 2019.
- Lecture entitled "Mycotoxins and Health Risk". National Institute of Oceanography and Fisheries, Alexandria, Egypt, 2018.
- Lecture for the trainers entitled " Jatropha oil extraction and characterization", faculty of Agriculture Alexandria University, October 2014.
- Lecture on Jatropha oil extraction methods. The 2nd international workshop of the JatroMed project, Morocco (2014).
- Lecture entitled " Food Safety and quality" Faculty of Agriculture, Alexandria, Egypt 2016.
- Lecture entitled "How to control Mycotoxins contamination". International conference of Livestock Production, Alexandria, Egypt, 2015.
- Lecture entitled" How to handle Food under safety conditions". Borg Elarab Society of Ladies.
- Lecture entitled" How to keep Milk save for children". Faculty of Kindergarten, Alexandria University.



	<ul style="list-style-type: none"> <li>▪ Lecture entitled" Mycotoxins and livestock production" Faculty of Agriculture, Alexandria University.</li> <li>▪ Lecture entitled " Islamic Religion and Human rights". The Conference of Religions Dialogue, Astana, Kazakhstan</li> </ul>
<b>GRANTS &amp; AWARDS</b>	<p><b>Grants</b> List your Grants here... (start with the most recent) (Grant's Name – Date – Location)</p> <p><b><u>Projects</u></b></p> <ul style="list-style-type: none"> <li>▪ Principal investigator of the project entitled "Production and Development of Novel Functional Food Supplement from Oat and Barley Bioactive Ingredients. ". 2 years project, Funded from Science and Technology Development Fund (STDF), Ministry of Scientific Research and Technology, Egypt.</li> <li>▪ Principal investigator of the project entitled "Evaluation of the production strategies, nutritional value and therapeutic properties of probiotic Seabuckthorn juice ". 2 years Egyptian-Indian Joint project, Funded from Academy of Scientific Research and Technology (ASRT), Egypt (2020-2021).</li> <li>▪ Principal investigator of the project entitled "Utilization of Quinoa Seeds to Develop High Quality Baladi Bread and Some Other Bakery Products". 2 years project, Funded from Science and Technology Development Fund (STDF), Ministry of Scientific Research and Technology, Egypt.</li> </ul> <p>Principal investigator of the project entitled "Production and Biochemical characterization of recombinant Chymosin for food application". Project ID ( FS072061), 2008- 2010, 2 years project, Funded from Arab Science and technology Foundation (ASTF).</p> <ul style="list-style-type: none"> <li>▪ Team Member of the project entitled" Foodborn Bacterial testing and disinfection education for women in Egyptian communities" Funded by Grant Challenges Canada in collaboration with University of Toronto.</li> <li>▪ Team Member of project entitled "Evaluation of the energy crop Jatropha curcas as a mean to promote renewable and sustainable energy for the Mediterranean region (JatroMed)". 4 years Project funded from European Union.</li> </ul> <p><b><u>Awards</u></b> List your Awards here... (start with the most recent) (Award's Name – Date – Location)</p> <p><b><u>1. Honors and awards</u></b></p> <ul style="list-style-type: none"> <li>▪ Invited and hosted Scientist at Global Forum for Innovations in Agriculture (GFIA), 1-2 April: Abu Dhabi National Exhibition Centre, 2019.</li> </ul>



	<ul style="list-style-type: none"> <li>▪ A planetary speaker in ICABB-2019, an International Conference on Advances in Biosciences and Biotechnology - 2019 to be held from 31 Jan to 2 Feb. 2019. Department of Biotechnology, Jaypee Institute of Information Technology, Noida, Uttar Pradesh, India a part of Delhi NCR (capital of India), India.</li> <li>▪ Keynote speaker at Fish Physiology and Biochemistry Workshop, 22-23 October 2018, National Oceanography and Fisheries Institute, Alexandria, Egypt.</li> <li>▪ Invited speaker at the conference "2nd International Conference on the Modern Approaches in Livestock's Production Systems". Alexandria University, October 12-14, 2015, Alexandria, Egypt.</li> <li>▪ Session chairman at Fish Physiology and Biochemistry Workshop, 22-23 October 2018, National Oceanography and Fisheries Institute, Alexandria, Egypt.</li> <li>▪ session chairman at New Trends in the utilization of Palm Oil in Food Industry. City of Scientific Research In cooperation with Malaysian Palm Oil Council. September 23, 2018, Tulip hotel, Alexandria, Egypt.</li> <li>▪ Session chairman at Dairy Industry in Egypt: Problems and Challenges. March 13, 2017. The city of Scientific Research and Technological Applications, Alexandria, Egypt.</li> <li>▪ Session chairman at Food Contaminants: Risk, Detection and Prevention. September 26, 2016, City of Scientific Research and Technological Applications, Alexandria, Egypt.</li> <li>▪ Session chairman at 1st Mycotoxins Workshop "Modern Detection of Mycotoxins in Food and Feed" 10 Feb. 2015, Food Technology Department, Arid Land Cultivation Research Institute, City of Scientific Research and Technological Applications, Alexandria, Egypt</li> <li>▪ Session chairman at The 2nd international workshop of JatroMed project 2014, Morocco.</li> <li>▪ Award of an excellent research from the City of Scientific research and Technological Applications (2010)</li> </ul>
<b>LIST OF PUBLICATIONS</b>	<p>List your Publications here...(start with the most recent)</p> <ol style="list-style-type: none"> <li>1. Sobhy A. El-Sohaimy, Margareta Brennan, Amira M.G. Darwish, Charles Brennan, 2020. Physicochemical, texture and sensorial evaluation of pasta enriched with chickpea flour and protein isolate. Annals of Agricultural Sciences, 65 (1): 2834.</li> <li>2. Mohamed G. Shehata a, Amira M.G. Darwish, Sobhy A. El-Sohaimy, 2020. Physicochemical, structural and functional properties of water-soluble polysaccharides extracted from Egyptian agricultural by-products. Annals of Agricultural Sciences, 65 (1): 21-27.</li> <li>3. El-Sohaimy S. A., Brennan C., Darwish A., Brennan M. 2020. Chickpea Protein Isolation, Characterization and Application in</li> </ol>

- Muffins Enrichment. International Journal of Food Studies ( in press)
4. Miral Abdel-Wahab, Sobhy A. El-Sohaimy, Hossam A. Ibrahim and Hussein S. Abo El-Makarem, 2020. Evaluation the efficacy of clove, sage and kiwifruit peel extracts as natural preservatives for fish fingers. *Annals of Agricultural Science* (In press).
  5. Mohamed G. Shehata, Hagar S. Abd-Rabou, Awad Sameh and El-Sohaimy Sobhy, 2020. Functional Probiotic Quinoa Camel Milk Kishk. *Journal of Food Processing and Preservation* (Accepted).
  6. El-Sohaimy, A.A. S.H.D. Masry, M.G. Shehata, S.N. Al-Kahtani, T.E. Abdelwahab, Y.A.T. Abdelmotaleb and M.E. Nour 2020. Isolation, Identification and Antimicrobial Activity of Unprecedented Lactic Acid Bacterial Isolates from Honeybees. *Pakistan Journal of Biological Sciences* 23, 467-477.
  7. Olfat M. Eldin Awad, Sobhy A. El-Sohaimy, Doaa A. Ghareeb, A.M. Aboulenein, Samar R. Saleh and Nourhan M. Abd El-Aziz, 2020. Phytochemical Analysis and Toxicity Assessment of Artichoke By-product Extract. *Pak. J. Biol. Sci.*, 23 (1): 81-91.
  8. El-Sohaimy Sobhy A1\*, Mohamed G. Shehata, Hagar S. Abd-Rabou and Hany El-Menshawy, 2019. Extend shelf-life of vacuum-packaged herring fish fillets using garlic and ginger extracts. *Pure and Applied Microbiology* 13(3), 1571-1581.
  9. S. A. El-Sohaimy, M. G. Shehata, Taha Mehany, and M. A. Zeitoun 2019. Nutritional, Physicochemical, and Sensorial Evaluation of Flat Bread Supplemented with Quinoa Flour. *International Journal of Food Science*, 2019:1-5.
  10. Mohamed G. Shehata, Ahmed N. Badr, Sobhy A. El Sohaimy, Dalal Asker, Tarek S. Awad, 2019. Characterization of antifungal metabolites produced by a novel lactic acid bacterium and their potential application as food bio preservatives. *Annals of Agricultural Sciences* 64: 71–78.
  11. Mohamed G. Shehata, Malak A. El-Sahn, Sobhy A. El Sohaimy and Mohamed M. Youssef, 2019. In vitro assessment of hypocholesterolemic activity of *Lactococcus lactis* subsp. *lactis*. *Bulletin of the National Research Centre*, 43 (60): 2-10.
  12. Mohamed G. Shehata, Hagar S. Abd-Rabou and Sobhy A. El-Sohaimy, 2019. Plant Extracts in Probiotic Encapsulation: Evaluation of their Effects on Strains Survivability in Juice and Drinkable Yogurt During Storage and an in-vitro Gastrointestinal Model. *Journal of Pure and Applied Microbiology*, 13(1), 609-617.
  13. Miral G. Abd El Wahab, Sobhy A. El Sohaimy, Hossam A. Ibrahim, Hussein S. Abo El-Makarem, 2019. Effect of Natural Antioxidant Extracts on Oxidative and Microbiological Stability of Beef Burger. *AJVS*. Vol. 60 (1): 141-154.

14. Shehata, M. G., Badr, A. N. and El Sohaimy S. A., (2018). Novel antifungal bacteriocin from *Lactobacillus paracasei* KC39 with antimycotoxigenic properties. *Bioscience Research*, 15 (4): 4171-4183
15. Amira M.G. Darwish, Randa E. Khalifa, Sobhy A. El Sohaimy, (2018). Functional Properties of Chia Seed Mucilage Supplemented In Low Fat Yoghurt. *ALEXANDRIA SCIENCE EXCHANGE JOURNAL*, 39, (3): 450-459.
16. Amira M. G. Darwish; Gamal M. Hamad and Sobhy A. El Sohaimy, (2018). Nutrients and Constituents Relevant to Antioxidant, Antimicrobial and Anti-Breast Cancer Properties of *Salvia officinalis* L. *International Journal of Biochemistry Research & Review* 23(1): 1-13.
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