

PERSONAL INFORMATION

Sobhy El-Sohaimy



 Universities and Research Centers District, New Borg El Aarab, 21934, 21934 Alexandria (Egypt)

 +203-459-3420  +20100-132-32-30  +2035923659

 selsohaimy@srtacity.sci.eg

 Skype [elsohaimy](#)

Sex Male | Date of birth 20 Sep 1967 | Nationality Egyptian

WORK EXPERIENCE

15/03/2016–Present

Professor of Food Biochemistry

City of Scientific Research and Technological Applications
Universities and Research Centers District, New Borgel Arab, 21934 Alexandria (Egypt)
muscat.sci.eg

Business or sector Professional, scientific and technical activities

04/05/2016–23/05/2016

Visiting Professor

Department of Biochemistry, Institute of Life Sciences, Virginia Tech University, Virginia (USA)

- Collaborative Research Work on some pharmaceutical enzymes from bacteria
- Follow up the progress of the PhD student's work.

01/12/2012–Present

Head of Department of Food Technology

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.

01/2014–06/2014

Research visit Fellowship

Lincoln University, Faculty of Agriculture and Life Sciences, Department of Wine, Food and Molecular Biosciences (New Zealand)

07/2012–Present

Chairman of the Committee of Grievances and Complaints

City of Scientific Research and Technological Applications (SRTA-City), Alexandria (Egypt)

02/2012–Present

Chairman of the Committee of International Agreements

City of Scientific Research and Technological Applications (SRTA-City), Alexandria (Egypt)

11/2008–11/2011

Cultural and Educational Attaché- Director of the Egyptian Cultural Center, Head of Scientific and Educational Mission

Embassy of the Arab Republic of Egypt in Kazakhstan (Kazakhstan)

01/11/2010

Associate Professor of Food Biochemistry

City of Scientific Research and Technological Applications (SRTA-City)

Universities and Research Centers District, New Borg El Aarab, 21934, 21934 Alexandria (Egypt)
www.mucsta.sci.eg

Business or sector Arid Lands Cultivation Research Institute (ALCRI)

03/2008–11/2008 **Chairman's Assistant of City of Scientific Research and Technological Applications**
SRTA-City, Alexandria (Egypt)

08/2005–04/2007 **Researcher**
Protein Research Department, Genetic Engineering and Biotechnology Research Institute, SRTA-City, Alexandria (Egypt)

1999–2005 **Assistant Researcher**
Protein Research Department, Genetic Engineering and Biotechnology Research Institute, SRTA-City, Alexandria (Egypt)

1998–1999 **Research Assistant**
Protein Research Department, Genetic Engineering and Biotechnology Research Institute, SRTA-City, Alexandria (Egypt)

1995–1998 **Research Assistant**
Central Laboratory for Food and Feed, Agricultural Research Center, Ministry of Agriculture, Alexandria (Egypt)

09/1995–11/1995 **Scholarship in Formulation Division**
Central Lab of Pesticides, Agricultural Research Center, Ministry of Agriculture, Cairo (Egypt)

EDUCATION AND TRAINING

15/03/2016–Present **Professor of Food Biochemistry**
City of Scientific research and Technological Applications, Alexandria (Egypt)

01/11/2010–14/12/2015 **Associate Professor of Food Biochemistry**
City of Scientific Research and Technological Applications, Alexandria (Egypt)

2005 **Ph.D. Biochemistry with the greatest Distinction**
Faculty of Biology, Kazakh National University (Kazakhstan)
Titled "Structure of Spherosome of Soft Wheat Grains and Development Method of Liposome Preparation from Phosphatidylinositol for Medical Applications"

1999 **M.Sc. Biochemistry with the greatest Distinction**
Faculty of Agriculture, Zagazig University (Egypt)
Titled "Chemical Studies on the Isolation and Properties of Some Plant Proteins"

1995 **B.Sc. Biochemistry "very good"**
Faculty of Agriculture, Zagazig University (Egypt)

PERSONAL SKILLS

Mother tongue(s) Arabic

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
Russian	C2	C2	C2	C2	C2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Communication skills

- Former Cultural and Educational Attaché - Director of the Egyptian Cultural Center, Head of Scientific and Educational Mission, Embassy of the Arab Republic of Egypt in Kazakhstan
- Editor & reviewer in many international journals
- ORCID ID:[0000-0002-1657-5162](https://orcid.org/0000-0002-1657-5162)
- Scopus ID:54580874300
- Google Scholar: <https://scholar.google.com/citations?hl=en&user=GZyBmOEAAAAJ>

Organisational / managerial skills

- Head of Department of Food Technology, Arid Land Cultivation Research Institute. City of Scientific Research and Technological Applications, Alexandria, Egypt.
- Cultural and Educational Attaché - Director of the Egyptian Cultural Center, Head of Scientific and Educational Mission, Embassy of the Arab Republic of Egypt in Kazakhstan
- Chairman of the committee of Strategic planning Of SRTA-City
- Director's assistant of the City of Scientific Research and Technological Applications
- Chairman of the Committee of International Agreements of SRTA-City
- Chairman of the Committee of Complains of SRTA-City
- Trainer and organizer in many workshops & training courses
- Chairman of the committee of preparing the strategic plan of the department of Food and Nutrition Research at the city of Scientific Research

Job-related skills

Research Stream

- Utilization of extrusion technologies for the delivery of bio-active components in functional foods.
- Determination of nutritional effects of food ingredients in the manipulation of diet-related illnesses.
- Optimization of food ingredients and processing to create novel food structures and textures for the consumer.
- Knowledge transfer and higher level skills improvement to the food industry.
- Utilization of advanced technologies to keep food safe and healthy.
- Detection and detoxification of mycotoxins in food.
- Protein and proteomic technologies

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

Digital skills - Self-assessment grid

Driving licence

B

ADDITIONAL INFORMATION

Patents

Approved Patent(s)

- Production of Recombinant Streptokinase as Thrombolytic Agent **Patent № 2009/ 08**, Academy of Scientific Research and Technology, Patent Office, Ministry of Scientific Research, Egypt. Approved 16 Nov 2014
- Novel Method of Isolation and Purification of Plant Spherosome. **Patent №15740**. Official bulletin, 32.02.2005. **February, 2005**.

Registered Patent(s)

- Novel method of production of Recombinant Chymosin in *K-lactis* competent cells. Submitted on 19/5/2010, **Patent № 824/2010**, Academy of Scientific Research and Technology, Patent Office, Ministry of Scientific Research, Egypt.

Data submitted in GenBank

- Nucleotide Sequences of Chymosin Gene in gene bank (GenBank: FJ562341)_
<http://www.ncbi.nlm.nih.gov/nuccore/222093505>
- Streptococcus sp. SalMarEg streptokinase gene, partial cds (GenBank: FJ490630.1).
<http://www.ncbi.nlm.nih.gov/nuccore/218750260>
- Streptococcus sp. SalMarEg 16S ribosomal RNA gene, partial sequence. (GenBank: FJ490631.1).
<http://www.ncbi.nlm.nih.gov/nuccore/218750262>

Projects

- **Principle 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. (Running)
- 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. (Running)
- **Principle investigator of the project entitled "Production and Biochemical characterization of recombinant Chymosin for food application"**. 2 years project, Funded from Arab Science and technology Foundation (ASTF). (Finished)
- 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. (Finished)

Training Courses & Workshops

Training & Organization

- 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.
- Dairy Industry in Egypt: Problems and Challenges. March 13, 2017. City of Scientific Research and Technological Applications, Alexandria, Egypt
- Food Contaminants: Risk, Detection and Prevention. September 26, 2016, City of Scientific Research and Technological Applications, Alexandria, Egypt
- Nutritional and Therapeutic Uses of Honey Bee Products. 24th May 2016. City of Scientific Research and Technological Applications, Alexandria, Egypt
- Moringa- Its Food and Medical Importance, May 11th, 2015. Arid Land Cultivation Research Institute, City of Scientific Research and Technological Applications, Alexandria, Egypt.
- Chromatography and New Techniques in food Science. March 30, 2015, Faculty of Agriculture (Saba Basha), Alexandria University, Alexandria, Egypt.
- 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
- The 2nd international workshop of JatroMed project 2014, Morocco.
- 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.

- Advanced Biotechnology workshop, 1-6 September 2012, Syndicate Scientists, Alexandria, Egypt.
- Molecular Biology: Theory and Practice workshop, 23-27 March 2008, Alexandria University, Alexandria, Egypt.
- Food analysis, Safety and Quality Control Workshop. Mubarak City for Scientific Research and Technology Applications. 13-15 January 2008, Alexandria, Egypt.

Attendance

- Applying for E.U. PRIMA Research Grants. Academy of Scientific Research and Technology, Cairo, Egypt, 4th to 5th November 2018.
- Fish Physiology and Biochemistry Workshop, 22-23 October 2018, National Oceanography and Fisheries Institute, Alexandria, Egypt.
- Utilization of palm oil in the food industry, 2018, Alexandria, Egypt
- Introduction to the PRIMA Program and Horizon 2020. Academy of Scientific Research and Technology, Helton Hotel, Alexandria, February 2018
- Symposium of Food Hygiene and Safety. 17 February 2016, National Research centers, Cairo, Egypt
- Symposium of Modern Strategies to Reduce Food Contaminants, 25 February 2015, Food Toxicology and Contaminants Department, National Research Center, Cairo, Egypt.
- The 3rd international workshop of JatroMed project. Alexandria, Egypt, March 2015.
- 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)
- General Chromatography & 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.
- Biosafety Workshop "Risk assessment: Role of Science in GMO decision-making, 30 June-4July 2014. International Center for Genetic Engineering and Biotechnology, Trieste, Italy.
- Data Analysis and Modeling using CoStat Statistical Software. 1st December 2014. City of Scientific Research and Technological Applications, Alexandria, Egypt.
- Capacity Building in Technology Transfer, Commercialization and Technology Start-Up workshop, Malaysian Technology Development Corporation & Academy of Scientific Research, November 29th – December 1st 2012, Fairmont Heliopolis, Cairo, Egypt.
- 2012 UNESCO-WTA International Training Workshop on Development of Science Parks and Technology Business Incubators. Daejeon, Republic of Korea, 14-17 November 2012.
- 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.
- Illumina, the Breakthrough (The state-of-the-art in Microarray and Sequencing). September 19, 2012 Grand Nile Tower, Laylaty Ballroom, Cairo, Egypt
- National Security Training Course 3-9 October 2008, Institute of Strategic Sciences, Cairo, Egypt.
- Training Course of Diplomatic Studies. Institute of Diplomatic Studies, Ministry of Foreign Affairs, Cairo, Egypt, 21-23 October, 2008.
- International Training Workshop on planning, Building & Management of 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.

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
- Associate Editor of Directory of Open Access Journals (DOAJ) till 2016.
- Journal of Nutritional Health and Food Engineering <http://medcraveonline.com/JNHFE/editorial-board>
- African Journal of Food Science and Technology
- Bio Accent Journals (Food Science and Technology). <https://bioaccent.org/foodsciences-technology/editorialboard.php>

Reviewer of International Journals

- 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
- 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 Phytochemistry

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>.
- IFA National Representative. https://www.iseki-food.net/general/about_ifa/ifa_natrep
- Academic Society for Functional Foods and Bioactive Compounds (ASFFBC),
- Agricultural biotechnology network in Africa (ABNETA)
- Functional Food Center
- International Union of Food Science and Technology (IUFoST)
- Egyptian Food Technology Association
- Egyptian Food Safety Association

Conferences

- El Sohaimy S. A. Shehata M. G. and Yousof M. In vitro assessment of hypocholesteremic activity of *Lactococcus lactic subsp. Lactis*. 21st Euro-Global Summit on Food and Beverages, March 8-10, 2018 Berlin, Germany.
- El Sohaimy Sobhy A., Mehany Taha and Zaytoun Mohamed A. 2016. Physicochemical and functional properties of quinoa protein isolate . 14th ISEKI Food conference, 6-8 July 2016 . Vienna, Austria.
- 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,
- El Sohaimy, S. A. Taha M. and Zaytoun M. 2015. Physicochemical and Functional properties of Quinoa Protein Isolate. 12th Deseret Technology Conference (DT12). 16-19 November 2015, Cairo University, Cairo, Egypt.
- 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.
- Makhoulf A. M. A. Elsaadani, S. A. Al Sohaimy and H. F. Makhoulf 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-SOHAIMY 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-SOHAIMY 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-SOHAIMY 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-SOHAIMY 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-SOHAIMY 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-SOHAIMY 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-SOHAIMY 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.

Teaching Experience

- Advanced Biotechnology course for Postgraduate Students, Faculty of Science, Alexandria University.
- Proteomics and Protein bioinformatics course for Postgraduate Students, Faculty of Science, Alexandria University.
- Food Biochemistry fundamental course
- Functional foods fundamental course

External Assessor

- External assessor of the Ph.D. thesis entitled " Development and application of some natural preservatives for meat products. Faculty of Veterinary medicine, Alexandria University (2018).
- External assessor 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
- External assessor of the Master thesis entitled " Invitro assessment of some plant extracts as natural preservatives of meat products. Faculty of Veterinary medicine, Alexandria University (2018).
- Evaluator and assessor of the Egyptian National Prizes.
- External assessor 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.
- External assessor of the Master thesis entitled" *Sonchus Oleraseus* extract as a treatment for non-alcoholic steatohepatitis in an experimental animal model " Department of Biochemistry, Faculty of Science, Alexandria University.
- External assessor of the Master thesis entitled" *Sonchus Oleraseus* extract as a treatment of Alzheimer's disease in experimental animal model " Department of Biochemistry, Faculty of Science, Alexandria University.
- External assessor of the PhD 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.
- External assessor of the PhD thesis entitled" production and Assessment of Hypocholesterolemic Functional Food" Department of Food Science and Technology, Faculty of Agriculture, Alexandria University.
- External assessor 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.
- External assessor of the MSc. thesis entitled " Biochemical Studies on Bioactive Compounds from Fruits wastes" Department of Biochemistry, Faculty of Agriculture, Cairo University.
- Assessor of the National Committee of Professors and Associate Professors Promotion. Ministry of Scientific Research and Technology
- Assessor and Evaluator of Projects of Academy of Scientific Research and Technology

Scientific Supervision

Ph.D. Thesis

- **Michael Magdy**" Development of novel natural preservatives for meat products" Faculty of Veterinary Medicine, Alexandria University
- **Nurhan Abdo**" Development of novel anti-Alzheimer food supplement based on artichoke by-products" Department of Biochemistry, Faculty of Science, Alexandria University.
- **Heba Shaat**" **Preservation Potential of** Artichoke extract" Department of Food Science, Faculty of Home Economic, Al-Azhar University
- **Hamada Abdel-Sattar** " Control of Microbial Contamination in Food using Nanotechnology" Department of Food Science and Technology, Faculty of Agriculture, Alexandria University.
- **Mohamed Gamal** " Production and Assessment of Hypocholesteremic Functional Food"

Department of Food Science and Technology, Faculty of Agriculture, Alexandria University. "Finished"

- **Hagar Saied** " Production and Physico-chemical Characteristics of Probiotic Dimyatti-Like -Cheese". Department of Dairy Science, Faculty of Agriculture, Alexandria University.
- **Marwa Awad Mohamed**" Purification and Characterization of Bacteriocins from *Lactobacillus acidophilus*" Department of Food Safety, Faculty of Veterinary Medicine, Benha University. "finished"
- **Heba Anis Mansour** " Purification and Structure of Glucosides Hydrolyses 28 for Industrial Applications" Department of Biochemistry, Faculty of Science, Damietta University.
- **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.

MSc. Thesis

- **Miral Kamal**" Biochemical and Preservation assessment of some natural extracts for food industry" Faculty of Veterinary Medicine, Alexandria University.
- **Ahmed Zaytoun** "Physicochemical and Functional Characteristics of Flaxseed Mucilage" Department of Food Science, Faculty of Agriculture (Saba Basha), Alexandria University. " Finished"
- **Sally Said** " Production and Biochemical characterization of Recombinant Streptokinase as a Thrombolytic Agent" " Finished"
- **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"
- **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"
- **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"
- **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"
- **Fatema Saad** " Assessment of HACCP application in meat processing". Food Science Department, Faculty of Agriculture, Benha University "Finished"

Publications

- 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.
- 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.
- **El Sohaimy S. A.**, Mohamed S. E., Shehata M. G., Taha Mehany and M. A. Zaitoun, 2018. Compositional Analysis and Functional Characteristics of Quinoa Flour. Annual Research & Review in Biology 22(1): 1-11.
- Gamal Hamad, Tarek Taha, Elsayed Hafez, Safwat Ali and **Sobhy El Sohaimy**, 2018. Supplementation of Cerelac baby food with yeast–probiotic cocktail strains induces high potential for aflatoxin detoxification both in vitro and in vivo in mother and baby albino rats. J Sci Food Agric. 98(2):707-718.
- Gamal M Hamad, Tarek H Taha, Elsayed E Hafez, Safwat H Alid and **Sobhy A El Sohaimy**, 2018. Supplementation of Cerelac baby food with yeast–probiotic cocktail strains induces high potential for aflatoxin detoxification both in vitro and in vivo in mother and baby albino rats. J Sci Food Agric. 98(2):707-718.
- Gamal M. Hamad, Tarek H. Taha, Elsayed E. Hafez and **Sobhy El Sohaimy**, 2017. Physicochemical, molecular and functional characteristics of hyaluronic acid as a functional food. Am. J. Food Technol., 12: 72-85.
- Zeitoun M.A.M., Hanem M.M. Mansour, Sameh Ezzat and **El Sohaimy S.A.**, 2017. Effect of pretreatment of olive leaves on phenolic content and antioxidant activity. Am. J. Food Technol., 12:

132-139.

- Abd-Rabou HS, El-Ziney MG, Awad SM, **El Sohaimy SA**, Dabour NA (2016) Impact of Probiotic and Synbiotic Supplementation on the Physicochemical, Texture and Sensory Characteristics of Wheyless Domiati-Like Cheese. *MOJ Food process Technol* 3(3):
- Abdelwahab H, Martin Del Campo JS, Dai Y, Adly C, **El-Sohaimy S**, Sobrado P (2016). Mechanism of Rifampicin Inactivation in *Nocardia farcinica*. *PLoS ONE* 11(10): e0162578. doi:10.1371/journal.pone.0162578
- Heba Abdelwahab, Reeder Robinson, Pedro Rodriguez, Camelia Adly, **Sobhy El-Sohaimy**, Pablo Sobrado, 2016. Identification of structural determinants of NAD (P)H selectivity and lysine binding in lysine 6N-monoxygenase. *Archives of Biochemistry and Biophysics*, 606:180-8
- Mohamed G. Shehata, Malak E. Yousof. M and **El Sohaimy S**. 2016. Screening of Isolated Potential Probiotic Lactic Acid Bacteria for Cholesterol Lowering Property and Bile Salt Hydrolase Activity. *Annals of Agricultural Sciences*, Volume 61 (1) : 65–75.
- Aboubakr, Hamada; Nauertz, Andrew; Luong, Nhungoc; Agrawal, Shivani; Youssef, Mohammed; **El-Sohaimy, Sobhy**; Goyal, Sagar 2016. In vitro antiviral activity of clove and ginger aqueous extracts against feline calicivirus a surrogate to human norovirus. *Journal of Food Protection*, 79 (6): 1001–1012. doi:10.4315/0362-028X.JFP-15-593
- **Sobhy El Sohaimy A. A.**, Mohamed El-Sheikh H., Taha Refaay M. and Mohamed Zaytoun A. M, 2015. The Effect of Harvesting in Different Ripening Stages of Olive (*Olea europea*) Oil Quality. *American Journal of Food Technology*. (Published on line). DOI: 10.3923/ajft.2016.
- **El Sohaimy S.A.**, Masry S.H.D. and Shehata M. G., 2015. Physicochemical characteristics of honey from different origins. *Annals of Agricultural Sciences*, 60 (2): 279-287.
- **El Sohaimy S. A. A.**, Refaay T. M. and Zaytoun M. A. M., 2015. Physicochemical and functional properties of Quinoa protein isolate. *Annals of Agricultural Sciences*. *Annals of Agricultural Sciences*, 60 (2): 297–305.
- **El Sohaimy S.A.**, Masry S.H.D., Mohamed G. Shehata and Rashad Hindy, 2015. Evaluation of Functional Properties of Local and Imported Honey in Egypt. *American-Eurasian J. Agric. & Environ. Sci.*, 15 (6): 1147-1154.
- Ebeed, A. Saleh, **Sobhy El-Sohaimy**, Mousa A. Ayoub, Safaa, H. Ghorbal and A. K. A. Hozyen, 2015. Application of Hazard Analysis and Critical Control Point (HACCP) in Egyptian Slaughter Houses to Obtain High Quality Meat. *Global Veterinaria* 14 (3): 297-303.
- **Sobhy A. El Sohaimy**, Gamal M. Hamad, Sameh E. Mohamed, Mohamed H. Amar and Rashad R. Al-Hindi, 2015. Biochemical and functional properties of Moringa oleifera leaves and their potential as a functional food. *Global Advanced Research Journal of Agricultural Science*, Vol. 4(4): 188-199.
- Aboubakr HA, Williams P, Gangal U, Youssef MM, **El-Sohaimy S. A. A**, Bruggeman PJ, Goyal SM. 2015. Virucidal effect of cold atmospheric gaseous plasma on feline calicivirus, a surrogate for human norovirus. *Appl Environ Microbiol* 81:3612–3622. Doi: 10.1128/AEM.00054-15.
- Marwa A. Saad, Hamdi M. Abdelsalam, Ekbal M. A. Ibrahim, Ahdam M. Abdou and **Sobhy A. El Sohaimy**, 2015. Effect of pH, heat treatments and proteinase K enzyme on the activity of *Lactobacillus acidophilus* bacteriocin. *Benha Veterinary Medical Journal*. 28 (1): 210-215.
- Hamdi M. Abdelsalam, Ekbal M. A. Ibrahim, **Sobhy A. El Sohaimy** and Marwa A. Saad 2015. Effect of storage on the activity of the bacteriocin extracted from *Lactobacillus acidophilus*. *Veterinary Medical Journal*. 28 (1): 216-222.
- **El Sohaimy S. A.**, Abdelwahab A. E., Brennan C. S. and Aboul-enein A. M. 2015. Phenolic Content, Antioxidant and Antimicrobial activities of Egyptian Date Palm (*Phoenix dactylifera* L.) Fruits. *Australian Journal of Basic and Applied Sciences*, 9(1): 141-147.
- **El Sohaimy S. A.** and S. H. D. Masry 2014. Phenolic Content, Antioxidant and Antimicrobial Activities of Egyptian and Chinese Propolis. *American-Eurasian J. Agric. & Environ. Sci.*, 14 (10): 1116-1124.
- Hamada A. Aboubakr, Amr A. El-Banna, Mohammed M. Youssef, **Sobhy A. A. El-Sohaimy**, Sagar M. Goyal 2014. Antiviral Effects of *Lactococcus lactis* on Feline Calicivirus, A Human Norovirus Surrogate. *Food and Environmental Virology*, 6:282-289.
- **Sobhy A. El Sohaimy** 2014. Chemical Composition, Antioxidant and Antimicrobial Potential of Artichoke. *The open nutraceuticals Journal*, 7: 15-20. [DOI:10.2174/1876396001407010015]
- **El Sohaimy S. A.** 2013. The Effect of Cooking on the Chemical Composition of Artichoke (*Cynara scolymus* L.). *African Journal of Food Science and Technology*. (ISSN: 2141- 5455) Vol. 4(8): 182-

187. DOI:<http://dx.doi.org/10.14303/ajfst.2013.037>.

- Azza Makhlof, **Al-Sohaimy S. A.**, Moustafa Y., Elsaadani M. A., and Makhlof H. F., 2013. Isolation and Identification of Lectin Gene in Licorice, *Glycyrrhiza glabra* L., Plant in Egypt. Egyptian Journal of Genetics and Cytology, 42 (1): 183-193.
- **El Sohaimy S. A.**, 2012. Functional Foods and Nutraceuticals- Modern Approach to Food Science. World Applied Sciences Journal 20 (5): 691-708.
- **Al Sohaimy, S.**, Aleem, E., Hafez, E.E., Esmail, S.S., El-Saadani, M. and Moneim, N.A, 2011. Expression of Recombinant Streptokinase from Local Egyptian Streptococcus sp. SalMarEg. African Journal of Biotechnology. Volume 10: (45), 9001-9011.
- **El-Sohaimy S. A.** and Hafez E. E., (2010). Biochemical and Nutritional Characterizations of Date Palm fruits (*Phoenix dactylifera* L). Journal of Applied Sciences Research, 6 (8): 1060- 1067.
- **El-Sohaimy S.A**, Barbary, O. M., El-Saadani M.A., Zeitoun A.M.A (2010). Antioxidant, Antimicrobial and Anti-HCV activities of lignan extracted from flaxseed. Research Journal of Agriculture and Biological Sciences, 6(3): 247- 256.
- **El Sohaimy S.** Elsayed Hafez and Elsaadani M (2010). Cloning and *In Vitro*-Transcription of Chymosin Gene in *E. coli*. The Open Nutraceuticals Journal, (3): 63-68.
- Barbary, O. M., S. A. El-Sohaimy, M.A. El-Saadani, A. M. A. Zeitoun (2009). Extraction, Composition and Physicochemical Properties of Flaxseed mucilage. j. Adv. Agric. Res. 14(3): 605-622.
- E.E. Hafez, S. El-Sohaimy and M. El-Saadani (2009). The effect of Mec A gene and its mutant form on the response of *S. aureus* to the most common antibiotics. Int. J. Immunological Studies. 1 (1): 106-121.
- Hafez E.E., Abdel-Rahman S. M. and **El-Sohaimy S.**, (2008). Accompaniment of the polymorphism at defensin gene Loci with milk productivity in holeistin Friesian and Egyptian cows. Biotechnology in Animal Husbandry 24 (5-6), 9-21.
- Hafez E.E., **El-Sohaimy S.**, Zaytoun M., El-Saadani M., Abdelwahab G.F.H. and Bsu SK (2008). Regulation of the Aflatoxin Production of *Aspergillus flavus* Isolates by Some Plant Essential Oils. International Journals of Chemical Sciences (IJCS), 1(1): 20-31.
- Elsayed E. Hafez and **Sobhy A. El Sohaimy**. (2008). Molecular Cloning, Purification and Characterization of New Chitinase Gene from the Desert *Locusr, Schitocereca Gregaria*. Academic Journal of Plant Sciences 1 (2):18-25.
- **Alsohaimy S. A.** Hafez. E.E., Abdelwahab A. E. El-Saadani M. A. 2007. Anti-HCV lectin from Egyptian Pea (*Pisum sativum*). Australian journal of Basic and Applied Sciences 1(3): 213-219.
- **Alsohaimy S. A.**; Sitohy M. Z.; Elmasry R. A 2007. Isolation and Partial Characterization of Chickpea, Lupine and Lentil Seed Proteins. World Journal of Agricultural Sciences (WJAS). 3(1): 123-129.
- **El Sohaimy S. A.**, Gelmanov M.K., Samenov N. A., Gelmanova S.M., Gukengemer E.JU 2005. Isolation and Purification of Plant Spherosome. Patent No15740. Official bulletin,
- **El Sohaimy S. A.**, Bersimbaev R. I., Gabdrahmanova G.A., Gilmanova S. M., Saminov N. A., 2005, Spherosome and its application in biotechnology. Third International Scientific part I, 15-17.
- **Al-Sohaimy S. A.** 2005. Creation a New Generation of Liposomal Ointment. The Therapeutic Bulletin No 1, 23-27.
- **Al-Sohaimy S.A.** Gilmanov M. K., Samenov N. A., Gilmanova S.M. and Besembaev R.I., 2005. Protein Characterization of Wheat Spherosome. Journal of Biotechnology. 1: 46- 50.
- Samenov N. A. **Al-Sohaimy S. A.**, Tabenova A.A., Seisenbaev A.S., Gelmanov M.K., 2005. New Micelles form as anti-arthritis drugs. Journal of Medicine, 2: 26-30.
- **Al-Sohaimy S. A.**, 2004. Structure of Spherosome Wheat grains. The Treasury Bulletin, a Biological Series, 2 (23): 15-20.
- **Al-Sohaimy S. A.**, 2004. Study of a Chemical Composition of Plant Spherosome. Journal of Biotechnology, the Theory and practice, 3: 38-41.

Lectures

- 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 Live Stok 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.
- Lecture entitled" Mycotoxins and livestock production" Faculty of Agriculture, Alexandria University.
- Lecture entitled " Islamic Religion and Human rights". The Conference of Religions Dialogue, Astana, Kazakhstan.
- Lecture Entitled "Egypt's efforts to preserve the relics", Almaty Kazakhstan, 2010.
- Lecture entitled " Higher Education in Egypt", La-Faraby Kazakh National University, Almaty Kazakhstan
- Lecture entitled " The Common History between Egypt and Middle Asia"
- Lecture entitled "Papers, Egyptian-Kazakh Hero" Astana, Kazakhstan.
- Lecture entitled" Islamic Civilization and middle Asia" faculty of Eastern Culture, Alfaraby Kazakh National University, Almaty, Kazakhstan.

Industry experiences

- **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-Sheafe company for food industries.
- Scientific consultant for Agrocorp for Agricultural Investment.

Honours and awards

- 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.
- Keynote speaker at Fish Physiology and Biochemistry Workshop, 22-23 October 2018, National Oceanography and Fisheries Institute, Alexandria, Egypt.
- 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.
- Session chairman at Fish Physiology and Biochemistry Workshop, 22-23 October 2018, National Oceanography and Fisheries Institute, Alexandria, Egypt.
- 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.
- Session chairman at Dairy Industry in Egypt: Problems and Challenges. March 13, 2017. The city of Scientific Research and Technological Applications, Alexandria, Egypt.
- Session chairman at Food Contaminants: Risk, Detection and Prevention. September 26, 2016, City of Scientific Research and Technological Applications, Alexandria, Egypt.
- 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
- Session chairman at The 2nd international workshop of JatroMed project 2014, Morocco.
- Award of an excellent research from the City of Scientific research and Technological Applications (2010)