



## Food Science Department

### 1- Personal Details:

<b>Name</b>	: Ihab Salah Abd El-Hamid Ashoush
<b>Date of Birth</b>	: 7/7/1973 Cairo, Egypt
<b>Nationality</b>	: Egyptian
<b>Religion</b>	: Moslem
<b>Marital Status</b>	: Married / two children
<b>Languages</b>	: Arabic & English
<b>Present Employment</b>	: Associate Professor
<b>Emails</b>	: ihab.ashoush@gmail.com ihab_ashoush@hotmail.com
<b>Telephone No.</b>	: H: 26401748 M: 01001843122

### 2- Education:

- **Ph.D., Agric. Sci.** (Food Science and Technology), Ain Shams Univ., 2004

Under title:

**“A STUDY ON SIDE EFFECTS OF SOME ADDITIVES USED IN FOOD PROCESSING”**

- **M.Sc. Agric. Sci.** (Food Science and Technology), Ain Shams Univ., 2000

Under title:

**“STUDIES ON HARMFUL CONTAMINANTS OF FOOD”**

- **B.Sc. Agric. Sci.** (Food Technology), **“Very good with Honor Degree”**, Ain Shams Univ., 1995

### 3- Academic Experience:

- **23/1/2010 till now:**  
Assoc. Prof. at Food Sci. Dept., Fac. of Agric., Ain Shams Univ.
- **27/4/2004 – 22/1/2010:**  
Lecturer at Food Sci. Dept., Fac. of Agric., Ain Shams Univ.
- **2000 – 26/12/2004:**  
Asst. Lect. at Food Sci. Dept., Fac. of Agric., Ain Shams Univ.
- **1996 – 2004:**  
Demonstrator at Food Sci. Dept., Fac. of Agric., Ain Shams Univ.

## **4- Professional Experience:**

### **4.1. Training Courses:**

- ◆ Participate as trainer in the free summer course “**Food safety and consumer awareness**”, august (from 2008 – to 2010), at Food science department – faculty of agriculture – Ain shams University, Egypt.
- ◆ Participate as trainer in training course “**Application of computer vision technology for food quality evaluation**”, 20-22 June (2009), at Food science department – faculty of agriculture – Ain shams University, Egypt.
- ◆ Participate as trainer with *Arab Academy for Science and Technology* in many training programs:
  - ✚ **Food Additives**
  - ✚ **Food packaging**
  - ✚ **Drinking water analysis**
  - ✚ **Food Toxicology**
  - ✚ **Non-destructive determinations in foods**
- ◆ Attend in training course “**Accreditation laboratories drinking water and wastewater in accordance with the requirements of the international standard ISO 17025:2005**”, 5 – 9 March (2011), organized by Faculty Engineering, Ain Shams University, Cairo, Egypt.
- ◆ Attend in training course “**Institutional self-evaluation of higher education institutions**” from November 28 to December 2, (2010), organized by National Authority for Quality Assurance and Accreditation of Education (NAQAAE), Egypt.
- ◆ Attend in training course “**Hazard Analysis Critical Control Point (HACCP)**” from 13-15/12/2005, organized by preparing leaders centers for businesses management, Elagoza, Cairo, Egypt.
- ◆ Attend in several Courses in the Center Laboratory in Faculty of Agriculture, Ain Shams University from 1996 to 2002 such as:
  - ✚ **Application of Analysis by HPLC & GLC Chromatography**
  - ✚ **Analysis of Elements by Atomic Absorption**
  - ✚ **The Biochemistry of blood and Biological Fluids**
  - ✚ **Specimen Preparation for Scanning by Electronic Microscope**
- ◆ Training course “**Credits Hours**”, from 1-3/3/2011, organized by Faculty and Leadership Development Project – Ain Shams University
- ◆ Training course “**Student’s Evaluation and Exams Systems**”, from 29-31/5/2010, organized by Faculty and Leadership Development Project – Ain Shams University
- ◆ Training course “**Project Management**”, from 6-8/4/2010, organized by Faculty and Leadership Development Project – Ain Shams University
- ◆ Training course “**Ethics the scientific research**”, from 30/10/2007 to 1/11/2007, organized by Faculty and Leadership Development Project – Ain Shams University
- ◆ Training course “**Writing papers to publishing international**”, from 18-20/11/2006, organized by Faculty and Leadership Development Project – Ain Shams University
- ◆ Training course “**Using technology in teaching**”, from 26-28/9/2006, organized by Faculty and Leadership Development Project – Ain Shams University.

- ◆ Training course “**Economy of funding and marketing the scientific research**”, from 9-11/9/2006, organized by Faculty and Leadership Development Project – Ain Shams University.
- ◆ Training course “**Design syllabus**”, from 17-19/6/2006, organized by Faculty and Leadership Development Project – Ain Shams University.
- ◆ Training course “**Management the time and stress of work**”, from 24-26/1/2006, organized by Faculty and Leadership Development Project – Ain Shams University.
- ◆ Training course “**Management scientific research**”, from 10-13/9/2005, organized by Faculty and Leadership Development Project – Ain Shams University.

#### **4.2. Conferences & workshop:**

- ◆ Attend in workshop on “**Food Safety for Auditors**”, 23-25/1/2012, organized by Value-Chain Training Project, in Intercontinental hotel city stars.
- ◆ Attend in the 2<sup>nd</sup> Arabian European Food Technology Conference on “**Advances in Meat & Fish Technology**”, 7-8 December (2010), Ismailia, Egypt.
- ◆ Attend in the 4<sup>th</sup> International Conference of food industries & Nutrition Division on “**New in the field of Food Science and Nutrition: Future Challenges**”, 27-29 September (2010), National Research Center, Egypt.
- ◆ Attend in the Medical Conference on “**Osteoporosis: The Silent Disease**”, 11-12 January (2009), National Training Institute, Egypt.
- ◆ Attend in the 5<sup>th</sup> Alexandria Conference on Food and Dairy Science & Technology, 3-6 March (2008). Alexandria, Egypt.
- ◆ Attend in Mediterranean Regional Symposium “**Approach to Meat Quality and Safety**” 25-27 March (2007) Cairo, Egypt.
- ◆ Attend in The first Scientific Conference of the Agriculture Chemistry and Environment Society “**Clean Environment and Safe Food**” 5-7, December (2006). Cairo, Egypt.
- ◆ Attend in the 2<sup>th</sup> Arab Mansoura Conference on Food and Dairy Science & Technology, 22-24 March (2005). Egypt.
- ◆ Attend in The third International Conference for Food Science and Technology “**Modernization of Food Processing**” 22-24, February (2005), The Egyptian Society of Food Science and Technology, Cairo, Egypt.
- ◆ Attend in the 1<sup>th</sup> Arab Mansoura Conference on Food and Dairy Science & Technology, 1-3 October (2002). Egypt.
- ◆ Attend in the Symposium on “**Questions Banks and Using the Computer in Students Evaluation**”, 11 November (2008). Cairo, Egypt.
- ◆ Attend in workshop on “**Electronic courses**”, 11 May (2010), organized by CIQAP, Faculty Agriculture – Ain Shams University.
- ◆ Attend in workshop on “**Specification and Design syllabus**”, 24/11/2008, organized by CIQAP, Faculty Agriculture – Ain Shams University.
- ◆ Attend in the Symposium on “**Towards the harmonization of Analytical methods for monitoring Food quality and safety in the food supply chain**”, 29/11/2008, organized by Food Science Department, Faculty of Agriculture, Ain Shams University, Cairo, Egypt.

- ◆ Educational training course for Demonstrators and Associate Lecturers in Ain Shams University.

### **4.3. Teaching:**

- ◆ **Teaching the following Lab Courses:** (Chemistry of Food Analysis, Quality control and sanitation, Fundamental of Food Preservation, Food and Dairy Engineering, Food enzyme technology, Sugar and Confectionery technology, Cereal technology and Cooling & Freezing technology) to the under graduated students in food science department, Faculty of Agriculture, Ain Shams University.
- ◆ **Teaching the following theoretical courses in Food science Department – Faculty of Agricultural – Ain shams University for:**
  1. **Undergraduate students:** Human Nutrition, computer application in food and dairy technology, Food quality control & sanitation, Sugar and Confectionery technology, Meat & fish technology, Food enzyme technology, Cereal technology, Cooling & Freezing technology and Analytical Chemistry of Food and Dairy.
  2. **Postgraduate students:** Advanced Human Nutrition, Special Nutrition, Technical Management for food factories, Special studies & Food Toxicology for Food and Dairy Quality Control Diploma.
- ◆ **Teaching theoretical course “Children Nutrition” in Faculty of Nursing - Ain shams University.**

### **4.4. Supervision on M.Sc and Ph.D thesis for postgraduate students in:**

- ✚ Anti-allergy Properties of Some Functional Foods
- ✚ Assessment of Nutritional Status of Pregnant Women
- ✚ Technological Studies on Processing of Some Non-Traditional Fruits
- ✚ Assessment of the quality and safety system of kidney patients meals
- ✚ Processing and Evaluation of Some Functional Barley Containing Cereal Products
- ✚ Assessment of Nutritional Impact of Some Dairy Food
- ✚ Utilization of Pomegranate in Dairy Food Making
- ✚ Application of Computer Vision Technology for Dairy Food Quality Evaluation
- ✚ Protective Effects of Some Functional Foods for Reducing Atherosclerosis Risks
- ✚ The use of new methods for detection of Adulteration in some food

### **5- Memberships of Societies and Associations:**

- 1) Egyptian Society of Food Science and Technology, Cairo, Egypt.
- 2) Agricultural chemistry and Environmental Protection Society, Cairo, Egypt.
- 3) Scientific Society for Food Industry, Alexandria, Egypt.
- 4) Egyptian Society for Nutrition, Cairo, Egypt.

## **6- Fields of Interest:**

- 1) Food Safety
- 2) Functional Food and Nutrition Therapy
- 3) Utilization of Agro-Industrial Wastes

## **7- Publications:**

### **7.1. Scientific papers:**

1. G.A.T.A, El-Shatanovi; **I.S., Ashoush**; Enaam K.Ahmed and Soad A. Ali (2012). Antiatherogenic Properties of Vegetables Juice rich in antioxidants in Cholesterol-fed Rats, **Annals Agric. Sci., Ain Shams Univ., xxx: xxx-xxx.**
2. Alia, M.A. El - Gharably and **Ashoush I. S.** (2011). Utilization Impact of Adding Pomegranate Rind Powder and Red Beet Powder as Natural Antioxidant on Quality Characteristics of Beef Sausage **World Journal of Dairy & Food Sciences 6 (1): 86-97, 2011**
3. **I.S. Ashoush** and M.G.E. Gadallah (2011). Utilization of Mango Peels and Seed Kernels Powders as Sources of Phytochemicals in Biscuit. **World Journal of Dairy & Food Sciences 6 (1): 35-42, 2011**
4. Salwa, M. Abo-El-Fetoh and **I.S., Ashoush** (2011). Influence of Carob and Doum drinks on alloxan-induced diabetic rats, **J. of Egyptian nutrition, 10(2): 1-24.**
5. Soha, M.H.; R.M. Mahmud; **I.S. Ashoush** and H.M. Harab (2010). Nutritional status of pregnant women in relation to anthropometric measurements of mothers and babies, **Research Bulletin, Ain Shams Univ., 1-11.**
6. Hanan, M.A. Al-Sayed; **I.S. Ashoush** and Salwa, M. Abo-El-Fetoh (2009). Hypolipidemic effect of persimmon in rats fed high fat diet and its use in juice and nectar preparation, **Alex. J. Food. Sci. and Technol., 6(2): 11- 18.**
7. Haggag, M.H.; Jehan A. El-Shourbagy and **I.S. Ashoush** (2008). Gastroprotective effects of ginger and pomegranate in rats, **Annals of agricultural science, Moshtohor, 46(3): 103-110.**
8. **Ashoush, I.S.** and Soad M. Abou El-tasahiel (2008). Determination of some Controversy Additives in Foodstuffs. **J. of Biological Chemistry and Environmental Sciences, 3(2): 163-173.**
9. Gehan, A. El-Shourbagy and **I.S. Ashoush** (2008). Antihyperglycemic effects of stevioside on diabetic rats, **Pak. J. Biotechnology, 5(1-2): 21-26.**
10. Khalil, H.I. and **I.S., Ashoush** (2008). Reduction of oil content from fried potato crisps: Kinetics of moisture loss, oil uptake and color changes during frying, **Annals Agric. Sci., Ain Shams Univ., 53(1): 195-206.**
11. Manar, T. Ibraheim; **I. S. Ashoush** and Amal A. Hassan (2007). Hepatoprotective Effects of Turmeric Extract and Selenium against Carbon Tetrachloride – Induced

- Liver Injury in rats, **J. of Biological Chemistry and Environmental Sciences**, **2(9): 1057-1078**
12. Keshk, Y.M.F.; M.M. Abd Elrazek and **I. S. Ashoush** (2007). Biological Evaluation of Omega-3 and 6 Polyunsaturated Fatty Acids of Flax and Sesame seeds and Its Utilization in Preparing High-Ratio Layer Cake, **Annals of agricultural science, Moshtohor**, **45(3): 1111-1126**.
  13. Nessrien, M. Yassin; **I. S. Ashoush** and E. M. El-Hadidy (2007). Antioxidant contents of chicory extracts and its effects as antimicrobial growth and hypolipidemic agent in experimental rats, **Annals Agric. Sci., Ain Shams Univ.**, **52(1): 177-184**.
  14. Samah, M. Ismael; **I. S. Ashoush**; M.A. Abdallah and M. M. Massri (2007). Biological Evaluation of Normal and Low Cholesterol Eggs in Feeding Rats, **Alex. J. Food. Sci. and Technol.**, **4(1): 21-28**.
  15. Abd-Elaziz, A.M.S. and **Ashoush, I.S.** (2007) Effect of Monosodium Glutamate treatment on reproductive performance in Male Albino Rats. **Egyptian J. of basic and applied physiology**, **6(1):101-110**.
  16. **Ashoush, I.S.** and Abd-Elaziz, A.M.S. (2006) Monosodium glutamate-induced oxidative stress and genotoxicity in the rat as evidence of a potential risk in human diets, **Annals of agricultural science, Moshtohor**, **44(3): 971-980**.
  17. Shaker, E.; **Ashoush, I. S.** and El-Hadidy, E. (2006). Nutritional Evaluation of green and brown seaweeds; antioxidants and food additives, **J. of Egyptian nutrition**, **21(3): 1053-1062**.
  18. Hassan, Y.M.; Z.H. Zidan; Y.A. Abd El-Daim and **I. S. Ashoush** (2005). Subchronic Toxicity of Tartrazine in Rats; Evidence of a Potential Risk in Human Diets, **Second Arab Conference of Mansoura for food and diary science and technology**.
  19. Hassan, Y.M.; Z.H. Zidan; Y.A. Abd El-Daim and **I. S. Ashoush** (2005). Effects of the natural sweetener stevioside on fertility of rats; First indicator of implications for Human Nutrition, **Second Arab Conference of Mansoura for food and diary science and technology**.
  20. **Ashoush, I.S.**; Y.M. Hassan; Z.H. Zidan and Y.A. Abd El-Daim (2004). HPLC Quantitative Determination of Stevioside Sweetener in Cola Drinks and its Usage in Some Food Industries, **Annals of agricultural science, Moshtohor**, **42(2):1123-1132**.
  21. Hassan, Y.M.; Z.H. Zidan; Y.A. Abd El-Daim and **I.S. Ashoush** (2002). Effects of Sumithion Insecticide and Cadmium Pollutants on some Biological Systems in Male Rabbits as Indicatives to Human Nutrition Practices, **first Conference of the central agricultural pesticide laboratory**.

22. Hassan, Y.M.; Z.H. Zidan; Y.A. Abd El-Daim and **I.S. Ashoush** (2002). Physiological and Histological alterations in Male Rabbit Organs Induced by Cadmium Pollutants in Foods, **first Conference of the central agricultural pesticide laboratory.**
23. Hassan, Y.M.; Z.H. Zidan; Y.A. Abd El-Daim and **I. S. Ashoush** (2002). Effects of Food Contamination by Sumithion and Cadmium on Haemogram Parameters in Male Rabbits as Indicatives to Human Nutrition Practices, **first Conference of the central agricultural pesticide laboratory.**

### **7.2. Book:**

- 👉 **Scientafic and Practical Skills in Food Analysis (2010).** Ibrahim M. Hassan; Farouk Mohmed El-Telawy and **Ihab S. Ashoush.** I.S.B.N. 977-17-9884-7.

### **7.3. Research Projects:**

- 👉 Member of research team for project “Enhance Productivity and Profitability of Pomegranate” from Agricultural Research and Development Fund (ARDF) in Faculty of Agriculture Ain Shams University from June 2011 till now.