

## CURRICULUM VITAE

**Proposed role in the project:** Expert to assess applications

**Family name:** Ali

**First names:** Ali

**Date of birth:** October 13th, 1959

**Nationality:** Egyptian

**Civil status:** Married

### **Education:**

<b>Institution (Date from - Date to)</b>	<b>Degree(s) or Diploma(s) obtained:</b>
<b>February 1987 – March 1994</b> Channel program between Ain Shams University, Cairo, Egypt and University of Maryland, MD, USA	<b>Ph.D.</b> Major: Dairy Science and Microbiology Thesis Title: Acceleration of Cheese Ripening
<b>December 1983 – February 1987</b> Ain Shams University, Cairo, Egypt	<b>M.Sc.</b> Major: Dairy Science Thesis Title: Microbiology and Enzymology Studies on Fermented Food
<b>September 1977 – June 1981</b> Ain Shams University, Cairo, Egypt	<b>B.Sc.</b> Major: Dairy Science and Technology Project Title: Utilization of Dairy Industry Wastes

**Language skills:** Indicate competence on a scale of 1 to 5  
(1 - excellent; 5 - basic)

Language	Reading	Speaking	Writing
Arabic	1	1	1
English	1	1	1

**Membership of professional bodies:**

- Egyptian Society of Applied Microbiology
- Egyptian Society of Dairy Science
- Egyptian Society for Quality
- American Dairy Science Association
- American Society of Animal Science
- American Society of Biological Applications
- Virginia Academy of Science
- American Association of Cereal Science and Technology

**Other skills:** (e.g. Computer literacy, etc.)

- Excellent communicational and presentational skills gained through my experience as a faculty member
- The ability to handle every stage of a research project from development of the research concept to completion of manuscripts for publications
- Strong management and organizational skills thanks to having managed large teams of individuals
- Excellent analytical and planning skills
- Dynamic lecturer and trainer
- Proven project management skills with an understanding of budgeting.
- Excellent media and institutional networks in Egypt
- Interact with people from different backgrounds which came from studying and working abroad

**Present position:** Vice President for Graduate Studies and Research

**Years within the firm:** January 2012 - onwards

**Key qualifications:** (Relevant to the project)

- I am 20 years of academic and professional experience in the following fields:
- **Food Safety**: I hold PhD in food science from a joint program of Ain Shams University of Egypt and the University of Maryland. I have conducted academic research and published articles on food safety and food microbiology. I have broad applied experience in food safety implementation in manufacturing facilities in the United States and Egypt. I am an ISO 22000 trained quality lead auditor. I am currently implementing the Food Safety Management System (ISO 22000) in the food industry.
- **Quality Assurance**: I used to be the Quality Assurance Manager and Director for a dairy ingredient processing company with gross annual revenues of \$135 million. My responsibilities were the reorganization of the firm's entire food safety, quality management, and environmental management systems.
- **Quality Management Systems**: I am an ISO 9000 trained quality lead auditor. I received my ISO training from the MIQA, UK. This course is registered by the Governing Board of the IQA International Register of Certificated Auditors (IRCA). I have implemented and provided training for QMS systems in more than 20 companies in Egypt and the United States. I have conducted ISO quality audits for more than 30 companies in Egypt.

## Curriculum vitae

- **Environmental Management:** I am an ISO 14000 qualified environmental auditor. I have received professional training and worked with both the European ISO-based systems, as well as U.S. Environmental Protection Agency standards. I have helped companies to implement and manage environmental systems in Egypt and the United States. This process includes conducting a comprehensive assessment of environmental risks and environmental compliance. It also requires establishing environmental goals, objectives, and monitoring procedures that can be audited to assess continual improvement.

### **Specific experience in the region:**

<b>Country</b>	<b>Date from - Date to</b>
USA	1990- 1993 1996, 1997, 1998, 1999-2005
Italy	1993 , 2007, 2009, 2010
Norway	2011
Bulgaria	2011
Germany	2012
England	2012
Yemen	2007
Saudi Arabia	2008,2009,2010.2011
Libya	2007, 2008, 2009,2010,2011

**Professional experience:**

<b>Date from - Date to</b>	<b>Location</b>	<b>Company&amp; reference person<sup>1</sup> (name &amp; contact details)</b>	<b>Position</b>	<b>Description</b>
January 2012 - onwards	Cairo, Egypt	<b>Ain Shams University</b> <b>Prof. Dr. Hussein Issa</b> <b>President of Ain Shams University</b> Abbassia, Cairo 11566, Egypt Tel.: +2 02 26847821 Fax: +2 02 26847822 Website: www.shams.edu.eg	<b>Vice President for Graduate Studies and Research</b>	<ul style="list-style-type: none"><li>- Provide a vision for the university strategic research plan.</li><li>- Address issues of ethics in research and intellectual property rights</li><li>- Set standards for research success and provide conditions for continuous improvement</li><li>- Maintain strong communications and info flow within the university research units</li><li>- Promote, strengthen and enhance a research culture within the university</li></ul>

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<sup>1</sup> **The Contracting Authority reserves the right to contact the reference persons. If you can not provide a reference, please provide a justification.**

Curriculum vitae

<p>Augusts 2010 – January 2012</p>	<p>Cairo, Egypt</p>	<p><b>Faculty of Agriculture, Ain Shams University,</b> <b>Prof. Dr. Essam Fayed</b></p> <p>P.O. Box: 68 Hadayek Shubra, Cairo 11241, Egypt Tel.: +2 0244441711 Fax: +2 02 44444460 Website: <a href="http://www.agr.shams.edu.eg">www.agr.shams.edu.eg</a></p>	<p><b>Vice Dean for Education and Student Affairs and Deputy Director of the Open Learning Center for Professional Diplomas and Quality Management</b></p>	<p>- Responsible for the leadership, direction, supervision and evaluation of all admissions and records functions, enrollment management, student activities, counseling, financial aid, special programs and services, articulation, matriculation, career and transfer services, recruitment, veterans services, international students, athletics, scholarships and student programs and services. Responsible for student development and support services, including student services in the on-line program.</p>
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Curriculum vitae

<p>March 2007 - January 2012</p>	<p>Cairo, Egypt</p>	<p><b>Faculty of Agriculture, Ain Shams University,</b>  <b>Prof. Dr. Nabil Magdoub</b>  <b>MIRCEN Director</b>  P.O. Box: 68 Hadayek  Shubra, Cairo 11241, Egypt  Tel.: +2 0244441711  Fax: +2 02 44444460  Website: www.agr.shams.edu.eg</p>	<p><b>Cairo MIRCEN Director</b></p>	<ul style="list-style-type: none"> <li>- Establishing a molecular biology lab</li> <li>-Organization and implementation of workshops and training courses training courses covering MIRCEN areas of concern and activities</li> </ul>
<p>May 2006 onwards</p>	<p>Cairo, Egypt</p>	<p><b>Department of Food Science, Faculty of Agriculture, Ain Shams University</b>  <b>Pro. Dr. Muhammad El hofi</b>  <b>Head of Department of Food Science</b></p>	<p><b>Professor of Food Science and Technology</b></p>	<p>Teaching undergrad students and advising graduate students (M.Sc. and Ph.D.)</p>

Curriculum vitae

<p>March 2001 – May 2006</p>	<p>USA</p>	<p><b>Maryland &amp; Virginia Milk Producers Cooperative Association,</b> <b>Dr. Randy Fisher</b> <b>Division manager</b> Reston, VA 20190-5094, USA Tel.: +1 703 742 6800  Fax: +1 703 742 7459  Website: www.mdvamilk.com</p>	<p><b>Quality Assurance Manager and Director</b></p>	<ul style="list-style-type: none"> <li>- Reorganizing the existing food safety program and creating new quality assurance programs</li> <li>- Implementing ISO international standards</li> <li>- Provide special consultation to the in-house laboratory for the design of special testing procedures not routinely done at the plant</li> </ul>
<p>April 2000 – December 2003</p>	<p>USA</p>	<p><b>Agricultural Research Station,</b> <b>Prof. Dr.Ali Mohamed</b> , Virginia State University Petersburg, VA, and the Phytonutrients La Lab , , BARC-E, USDA, Beltsville, MD, USA ,</p>	<p><b>Postdoctoral Associate</b></p>	<ul style="list-style-type: none"> <li>- Conducting several studies in the area of phytonutrient</li> <li>- Involved in all aspects of research including: planning, chemical and microbiological analysis, data analysis, writing reports and completion of manuscripts</li> </ul>



Curriculum vitae

<p>April 1999 – January 2000</p>	<p>Cairo, Egypt</p>	<p><b>Department of Food Science, Faculty of Agriculture, Ain Shams University</b></p> <p><b>Pro. Dr. Muhammad El hofi</b></p> <p><b>Head of Department of Food Science</b></p>	<p><b>Associate Professor of Food Science and Technology</b></p>	<ul style="list-style-type: none"> <li>- Teaching undergrad students and advising graduate students (M.Sc. and Ph.D.)</li> <li>- Conducting research on dairy industrial wastes.</li> </ul>
<p>January 1996 – December 1999</p>	<p>Cairo, Egypt</p>	<p><b>System &amp; Total Quality Company TOTAL</b></p> <p><b>Engineer Osama El Miligy</b> <b>Director of the company</b></p> <p>, 16-A El Obour Buildings, Nasr City, Cairo, Egypt Tel. and Fax : +2 02 22606876 Website: <a href="http://www.total.com.eg">www.total.com.eg</a></p>	<p><b>Quality and Environmental Consultant and Trainer</b></p>	<ul style="list-style-type: none"> <li>- Formulating and directing development and implementation of quality assurance programs for more than 20 companies in food, industrial, textiles, and petrochemical sectors</li> </ul>

Curriculum vitae

<p>March 1994 - April 1999</p>	<p>Cairo, Egypt</p>	<p><b>Department of Food Science, Faculty of Agriculture, Ain Shams University</b></p> <p><b>Pro. Dr. Muhammad El hofi</b></p> <p><b>Head of Department of Food Science</b></p>	<p><b>Assistant Professor of Food Microbiology</b></p>	<p>-Teaching undergrad students labs on food quality control, food analysis, dairy microbiology and technology -Conducting research on accelerating cheese ripening of Egyptian hard cheese.</p>
<p>February 1987 – March 1994</p>	<p>Cairo, Egypt</p>	<p><b>Department of Food Science, Faculty of Agriculture, Ain Shams University</b></p> <p><b>Pro. Dr. Muhammad El hofi</b></p> <p><b>Head of Department of Food Science</b></p>	<p><b>Research and Teaching Assistant</b></p>	<p>-Teaching undergrad students labs on food quality control, food analysis, dairy microbiology and technology -Conducting research on accelerating cheese ripening of Egyptian hard cheese.</p>

## Curriculum vitae

December 1983 – February 1987	Cairo, Egypt	<b>Department of Food Science, Faculty of Agriculture, Ain Shams University</b>  Pro. Dr. Muhammad El hofi  Head of Department of Food Science	<b>Lab Assistant</b>	- Teaching undergrad students labs on food quality control, food analysis, dairy microbiology and technology  - Conducting research on fermented dairy foods
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### Other relevant information (e.g., Publications)

- 1- Bhathena, S.J., **Ali, A.A.**, Mohamed, A.I., Lewis, C., Fields, M. and Velasquez, M.T. (2001). Differential effects of soybean and flaxseed meal on metabolic parameters and circulating hormones in normal and azoxymethane treated Fischer 344 rats. **International Symposium on Functional Foods: Scientific and Global Perspectives, Paris, France, Oct. 2001**
- 2- **Ali, A.A.**, Mohamed, A.I., Hansen, C.T., Wang, T.T., Velasquez, M.T. and Bhathena, S.J. 2002. Effect of probiotics and isoflavones on metabolic parameters in a genetic model of obesity and diabetes. **FASEB J., 16: A1014**

## Curriculum vitae

- 3- Bhatena, S.J., **Ali, A.A.**, Mohamed, A.I., Hansen, C.T. and Velasquez, M.T. (2002). Effects of dietary soybean and flaxseed meal on metabolic parameters in a genetic model of obesity and diabetes. **FASEB J., 16: A1013**
- 4- Bhatena, S. J., **Ali A. A.**, Mohamed, A. I., Hansen, C T., and Velasques, M. T. (2002). Differential effects of dietary flaxseed protein and soy protein on plasma triglyceride and uric acid levels in animal models. **J. Nutr. Biochem., 13 : 684-689**
- 5- **Ali, A. A.** and R. Fischer. (2002). Implementation of HACCP in condensed milk production line. **Food Rev. Int., 18: 177-190**
- 6- **Ali, A. A.**, Mohamed, A. I., Bhatena, S. J., Velasquez, M. T. and Hansen, C. T. (2002). Effect of soymeal diet on weight reduction and biochemical parameters in genetically obese and diabetic rats. **93<sup>rd</sup> AOCS Annual Meeting and Expo, Palais des Congres de Montreal, Montreal, Quebec, Canada, May 5-8**
- 7- Mohamed, A. I., Bhatena, S. J., **Ali A. A.**, Velasquez, M. T. and Hansen, C. T. (2002). Effect of probiotics and isoflavones on weight reduction and biochemical parameters in genetically obese and diabetic rats. **93<sup>rd</sup> AOCS Annual Meeting and Expo, Palais des Congres de Montreal, Montreal, Quebec, Canada, May 5-8**
- 8- **Ali, A. A.**, Mohamed, A. I., Bhatena, S. J. and Velasquez, M. T. (2002). Phytonutrients interactions and potential health benefits: Soy phytochemicals and probiotics. **80<sup>th</sup> Annual Meeting, Virginia Academy of Science, and 61<sup>st</sup> Virginia Junior Academy of Science Hampton, Virginia, USA, May 21-24**

## Curriculum vitae

- 9- Mohamed, A. I., Bhathena, S. J., **Ali A. A.** and Velasquez, M. T. (2002). Current research on soybean, obesity, and diabetes. **80<sup>th</sup> Annual Meeting, Virginia Academy of Science, and 61<sup>st</sup> Virginia Junior Academy of Science Hampton, Virginia, USA, May 21-24**
- 10- Bhathena, S. J., **Ali A. A.**, Haudenschild, C., Latham, P., Ranich, T., Mohamed, A. I., Hansen, C T., and Velasques, M. T. (2003). Dietary flaxseed meal is more protective than soy protein concentrate Against Hypertriglyceridemia and Steatosis of the Liver in an Animal Model of Obesity. **J. Am. Colg. Nutr., 22 : 157-164**
- 11- Velasquez, M.T., Bhathena, S.J., Ranich, T., Scwartz, A.M., Kardon, D.E., **Ali, A.A.**, Haudenschild, C.C. and Hansen, C.T. (2003). Dietary flaxseed meal reduces proteinuria and ameliorates nephropathy in an animal model of type II diabetes mellitus. **Kidney Int., 64: 2100-2107**
- 12- Bhathena, S.J., **Ali, A.A.**, Nair, P.P., Mohamed, A.I., Velasquez, M.T. (2003). Metabolic and endocrine responses to soybean and flaxseed in azoxymethane treated rats. **FASEB J., 17: A332**
- 13- **Ali, A.A.**, Velasquez, M.T., Mohamed, A.I., Hansen, C.T. and Bhathena, S.J. (2003). Role of soybean isoflavones in lipid metabolism and hormonal changes in n animal model of obesity and diabetes. **5<sup>th</sup> International Symposium on the Role of Soy in Preventing and Treating Chronic Disease. Orlando, FL, Sept. 2003**

## Curriculum vitae

- 14- Bhathena, S.J., **Ali, A.A.**, Mohamed, A.I., Hansen, C.T. and Velasquez, M.T. (2003). Regulation of plasma glucose and peptide hormones by soybean isoflavones and probiotics in a rat model of type II diabetes. **J. Am. Colg. Nutr. 22: 475**
- 15- Bhathena, S.J., **Ali, A.A.**, Nair, P.P., Mohamed, A.I. and Velasquez, M.T. Differential effects of soy protein concentrate and flaxseed meal on metabolic and endocrine parameters in azoxymethane-treated Fischer 344 rats. **J. Nutr. Biochem.** (Submitted)
- 16- **Ali, A.A.**, Velasquez, M.T., Hansen, C.T., Mohamed, A.I. and Bhathena, S.J. (2004). Effects of soybean isoflavones, probiotics and their interactions on lipid metabolism and endocrine system in an animal model of obesity and diabetes. **J. Nutr. Biochem., 15: 583**
- 17- **Ali, A.A.**, Mohamed, A. I., Velasquez, M.T., Hansen, C.T., Bhathena, S.J. (2005). Modulation of carbohydrate metabolism and peptide hormones by soybean isoflavones in presence and absence of probiotics in obesity and diabetes. **J. Nutr. Biochem., 16: 693**
- 18- **Ali, A. A.** and R. Fischer. (2005). Implementation of HACCP in Cream and Butter production line. **Food Rev. Int., 2: 18**
- 19- Gad, A. S., **Ali, A. A.**, Helal, M. I. and Nour, S. A. (2008). Bioconversion of molasses into Lactic acid. Az. **J. Pharm. Sci., 38: 245**
- 20- Gad, A. S., **Ali, A. A.** and El Shafei, K. (2009). Lactic acid production by mutant strains and mixed culture of Lactic acid bacteria. Az. **J. Pharm. Sci., 39: 224**
- 21- Gad, A. S., Hasan, E. A. and **Ali, A. A.** (2010). Utilization of Opuntia ficus indica waste for production of Phanerochaete chrysosporium bioprotein. **J. Am. Sci., 8: 208**

## Research project

- 1- **Date** : 1994 – 1996  
**Title:** Utilization of Agro-Industrial By-Product  
**funding agency:** Egyptian Academy of Science and Technology (EAST).
  
- 2- **Date:** 1992-1994  
**Title:** The Use of Biotechnology in Starter Culture Production  
**Funding agency:** USAID / Egyptian National Agriculture Research Program (NARP).
  
- 3- **Date:** 1995-1996  
**Title:** Utilization of Dairy Industry Wastes for the Production of Vitamin B12 and Propionic Acid  
**Funding agency:** USAID / ASM
  
- 4- **Date:** 1995-1998  
**Title:** Microbial Production of Polysaccharide Stabilizing Agents and Heat-stable Proteases  
**Funding agency:** Egyptian Academy of Science and Technology (EAST).

## Curriculum vitae

5- **Date:** 1997-2000

**Title:** Scale-Up Fermentation Facilities for Utilization of Agro - Industrial By-Products

**Funding agency:** USAID

6- **Date:** 1998-2000

**Title:** Indigenous Lactic Acid Bacteria in EGYPT

**Funding agency:** French Academy of Science

7- **Date:** 2000 – 2002

**Title:** Therapeutic Potential of Soybean and soybean Phytochemicals on Controlling Type II diabetes Mellitus and its Complications.

**Funding agency:** ICBG.

8- **Date:** 2006 – 2008

**Title:** Propagation, Preservation and Quality of Some Food Microorganism.

**Funding agency:** French side fund