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PERSONAL DATA:

Birth date: September 23, 1972
Place of birth: Aga, El-Dakahlia, Egypt
Family status: Married

EDUCATION:

- B.S., Agricultural Sciences 1994 Mansoura University, Egypt
- M.Sc. Applied Microbiology 1998 Mansoura University, Egypt
- Ph.D., Bacterial Physiology/ Food Safety 2004 The University of Reading, UK

POSITIONS:

- Assistant Professor (Mansoura University) : 2004-present.
- Assistant Lecturer (Mansoura University) : 1998-2004.
- Demonstrator (Mansoura University): 1996-1998.
- Food Microbiologist (Misr Company for Dairy Foods, Mansoura): 1995- 1996

AWARDS:

- Fellowship of the International Union for Microbiological Societies (IUMS), 2005.
- Fellowship of the Federation of European Microbiological Societies (FEMS) for young scientists, 2003.
- Scholarship from the Government of Egypt to pursue doctoral studies in Bacterial Physiology & Food Safety at the UK, 2000-2004.
- Annual prize of Mansoura University for the best M.Sc. thesis in Agricultural Sciences, 1999.

MEMBERSHIPS:

- Society for General Microbiology.
- Society for Applied Microbiology.
- Society for Dairy Technology.
- Egyptian Society for Dairy Sciences.

EDITORIAL ACTIVITIES

- Editor, *Science Progress* (An established international journal issued from the UK since more than 100 years)
- Scientific reviewer for *Journal of Applied Microbiology* and *Letters in Applied Microbiology*.
- Editor of a reference book entitled "Bacterial Physiology- A Molecular Approach", Springer: Germany (in press).

- Scientific editor and organizer of the first *International Microbiology Symposium* supported by the American Society for Microbiology, held at Mansoura University (2006).

OTHER ACTIVITIES

- Focal Point of the EU-funded programme FP7 for Mansoura University (2007-2013).
- Coordinator of the International Research Grant Office at Mansoura University.

EDUCATIONAL PROJECTS

- Member of the managerial and executive teams of the project "Developing Applied Agricultural Courses to Increase the Capabilities of Graduates to Meet Market Needs" funded by the HEEPF programme (2005-2006).

RESEARCH PROJECTS

- Principal Investigator of a research project entitled "Use of Exopolysaccharide-producing Lactic Acid Bacteria in Biotechnological Applications" supported by the Library of Alexandria (2007-2008).
- Principal Investigator of a research project entitled "Stress Responses of *Campylobacter* spp." supported by the International Foundation for Science (Sweden) (2006-2007).
- Principal Investigator of a research project entitled "Surveillance and Characterization of Methicillin-resistant *Staphylococcus aureus* Associated with Food Products" jointly supported by Mansoura University and the Society for Applied Microbiology (UK) (2005-2006).

RESEARCH INTERESTS

- Bacterial physiology as related to both basic knowledge and biotechnological applications.
- Food safety involving surveillance and characterization research on foodborne pathogens associated with foods produced/distributed under Egyptian conditions.
- Nanobiotechnology/ Lab on a chip research aiming at the development of nanodevices for the detection of bacterial pathogens in food, environmental and clinical samples.

PUBLICATIONS:

Peer-reviewed papers:

1. **El-Sharoud, W.M.** (2002). Locating a stress sensor. *Microbiologist*, **3**:34-35.
2. Nassib, T.A., Zin El-Din, M. and **El-Sharoud, W.M.*** (2003). Assessment of the presence of *Salmonella* spp. in Egyptian dairy products using various detection media. *Letters in Applied Microbiology* **37**:405-409.
3. Nassib, T.A., Zin El-Din, M. and **El-Sharoud, W.M.*** (2003). Viability of *Salmonella enterica* subsp. *enterica* during the preparation and cold storage of Egyptian soft cheeses and ice cream. *International Journal of Dairy Technology* **56**:30-34.

4. **El-Sharoud, W.M.** (2004). Ribosome inactivation for preservation: concepts and reservations. *Science Progress* 87:137-152.
5. **El-Sharoud, W.M.*** and Niven, G.W. (2005). The activity of ribosome modulation factor during the growth of *Escherichia coli* under acidic conditions. *Archives of Microbiology* 184:18-24.
6. **El-Sharoud, W.M.** (2005). Two-Component Signal Transduction Systems as Key Players in Stress Responses of Lactic Acid Bacteria. *Science Progress* 88: 203-228.
7. Nassib, T.A., Zin El-Din, M. and **El-Sharoud, W.M.*** (2006). Effect of thermophilic lactic acid bacteria on the viability of *Salmonella* ser. Typhimurium PT8 during milk fermentation and preparation of buffalo's yoghurt. *International Journal of Dairy Technology* 59: 29-34.
8. **El-Sharoud, W.M.*** and Rowbury, R.J. (2006). Recent Insights into Microbial Physiology. *Science Progress* 89:141-149
9. **El-Sharoud, W.M.*** and Niven, G.W. (2007). The influence of ribosome modulation factor on the survival of stationary-phase *Escherichia coli* during acid stress. *Microbiology* 153:247-253.
10. **El-Sharoud, W.M.*** and Graumann, P.L. (2007). Cold shock proteins aid coupling of transcription and translation in bacteria. *Science Progress* 90:15-27.
11. **El-Sharoud, W.M.*** and Rowbury, R.J. (2007). Major microbiology research areas and techniques: cell division, cytoskeleton, stationary-phase and bioluminescence. *Science Progress* 90:51-58.
12. **El-Sharoud, W.M.***, Zin El-Din, M. and Abou-Ziada, D.M. (2007). Characterization of *Enterobacter sakazakii* detected in milk and dairy products. (*in preparation*).
13. **El-Sharoud, W.M.***, Zin El-Din, M. and Abou-Ziada, D.M. (2007). Behaviour of *Enterobacter sakazakii* under dairy preservation conditions. (*in preparation*).
14. **El-Sharoud, W.M.*** and Darwish, M.S. (2007). Effect of RpoS on the survival of *Escherichia coli* during milk fermentation conditions. (*in preparation*).
15. **El-Sharoud, W.M.***, Darwish, M.S. and Abou-Ziada, D.M. (2007). Assessment of the presence of *Campylobacter* sp. in milk and milk products in heavily-contaminated Egyptian area. (*in preparation*).
16. **El-Sharoud, W.M.*** (2007). A new single dimension gel electrophoresis procedure for the detection of ribosome modulation factor. (*in preparation*).

*Corresponding author

COLLABORATING GROUPS:

- 1- Microbial Physiology and Genetics Group (Biocentrum, Technical University of Denmark, Denmark)
http://www2.biocentrum.dtu.dk/mpg/staff/kilstrup_mogens/index.html
- 2- Produce Safety and Microbiology Research Unit (USDA, USA)
<http://www.ars.usda.gov/pwa/wrrc/psmru>
- 3- Genetic and Microbiology of Dairy Lactic Acid Bacteria (Department of Food Science and Nutrition, Utah University, USA)
<http://www.agx.usu.edu/people/researchers/vita/?alpha=B&idp=160>
<http://www.usu.edu/nfs/gee%20whiz/Jeff.PDF>
- 4- Prof. Peter Graumann's group (Institute of Biology, The University of Freiburg, Germany).
<http://www.biologie.uni-freiburg.de/data/bio2/graumann/research.htm>