

Dr. Nasr Fawzy Nasr

Dept. of Agric. Microbiology, Fac. of Agriculture, Cairo University, Giza,
Egypt, PO Box 12613

Personal information

Nationality: Egyptian

Birth: 11/10/1973 in Giza

Marital status: Married and have daughter and 2 sons

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Objective

Getting a postdoctoral scholarship or fellowship in microbiology or biotechnology sciences

Professional summary

- Fifteen years of experience as a scientific researcher in food and dairy microbiology
- Good experience in laboratory microbiological analysis
- Taught several courses of microbiology in Cairo university and Helwan university
- Trained undergraduate and postgraduate students (different nationalities) in microbiological analysis, food safety, quality control and quality assurance

Education

- Ph.D. Agricultural Science (Agricultural Microbiology) 2008, (Excellent), Fac. of Agriculture. Cairo university
- M.Sc. Agricultural Science (Agricultural Microbiology) 2002, (Excellent), Fac. of Agriculture. Cairo university
- B.Sc. Agricultural Science (Dairy Science) 1996, (Very good with honor) Fac. of Agriculture. Cairo university

Occupation

Assistant Professor in Dept. of Agric. Microbiology, Fac. of Agriculture, Cairo University from 2008 to now

Experiences

- **Research:** Isolation, identification and application of pathogenic bacteria in food and food safety, quality control and quality assurance applications
- **Scientific writing:** Thesis, papers and posters

- **Teaching:** Shared in teaching of different courses of microbiology such as: general microbiol., dairy microbiol., food microbiol., microbial physiology and microbial fermentation (undergraduate and postgraduate students) in Cairo university and Helwan university

Languages

Arabic: Excellent (Native Language)

English: Very good (TOEFL 540)

Computer skills

Windows, Word, Excel, Power point and Internet

Training courses

- National academic references and standards for education quality assurance and accreditation (14 / 6 /2009)
- Applications of Electronic Microscope (5 – 7/5/2009)
- Academic references and standards for education in agricultural sector (28 / 2 / 2009)
- Improvement of education methods (29 – 30/11/2008)
- Systems of education quality and accreditation (5 – 6/5/2008)
- FLDP project training courses:
(3 days for each one during 2006, 2007 and 2008 years)
Scientific research techniques
Ethics of education
Make decisions and solving problems
Modern education
Law and financial aspects
Using the modern technology in education
- Determination of organic and biological contamination of environment as a Trainer (27 day, 2 – 29/5/2006)
- Preparing of Research Projects (8 – 10/11/2005)
- Scientific writing (one week, 9 – 14/10/2004)
- Preparing of leaders (one week, 15 – 22/12/2003)
- Computer and internet (one month, 2/8 – 3/9/2003)
- Preparing of university teacher (21 days, 7 – 30/9/2002)
- PCR genetic engineering technique (one week, 5 – 10/6/2000)
- Protection from Ionizing Radiation (one month, 1 – 30/5/1999)

Conferences

- International Food Congress-Novel Approaches in Food Industry (Volume 2), ÇEŞME - İZMİR, TURKEY (MAY 26-29, 2011)
- The fifth international conference of scientific research and its application in Cairo University (21 – 24 / 12 / 2009)
- The fourth conference of recent technologies in Agriculture in Fac. of Agriculture, Cairo University (2 – 5 / 11 / 2009)
- The fourth international conference of scientific research and its application in Cairo University (16 – 18 / 12 / 2008)

Publications

- Heba M. Kanzy, N.F. Nasr, Hoida A.M. El-Shazly and Olfat S. Barakat, 2015. Optimization of Carotenoids production by yeast strains of *Rhodotoruola* using salted cheese whey. Int.J.Curr.Microbiol.App.Sci., 4(1): 456-469.
- Ali, Hanaa, F. M., Hossam S. El-Beltagi and N. F. Nasr, 2011. Evaluation of Antioxidant and Antimicrobial Activity of *Aloysia triphylla*. Electronic Journal of Environmental, Agricultural and Food Chemistry, 10 (8): 2689 – 2699.
- Nasr, N. F. and A. S. Zaky, 2011. Five major factors affecting the production of baker's yeast using sugar cane molasses. International Food Congress-Novel Approaches in Food Industry (Volume 2), ÇEŞME - İZMİR, TURKEY, 2: 1051-1056.
- Zaky, A. S. and N. F. Nasr, 2011. Easy and efficient method for measuring the rising power of baker's yeast. International Food Congress-Novel Approaches in Food Industry (Volume 2), ÇEŞME - İZMİR, TURKEY, 2: 650-654.
- Shalaby, E. A, N. F. Nasr and Samia M. El Sherief, 2011. An *in vitro* study of the antimicrobial and antioxidant efficacy of some nature essential oils. Journal of Medicinal Plants Research Vol. 5(6): 922-931.
- Nasr, N.F., A.S. Zaky and Z.Y. Daw, 2010. Microbiological Quality of Active Dry and Compressed Baker's Yeast sold in Egypt. J. of Pure and Applied Microbiology, 4(2): 455-462.
- Ali, H. F. M., F. M. A. El-Ella and N. F. Nasr, 2010. Screening of Chemical Analysis, Antioxidant, Antimicrobial and Antitumor Activities of Essential Oil of Oleander (*Nerium oleander*) Flowers. International Journal of Biological Chemistry 4 (4): 190-202.
- Refae, R. I. and N. F Nasr, 2009. Microbiological Hazard Analysis during Manufacturing of Food Packaging Materials. 4th Conference on Recent Technologies in Agriculture, 829 – 837.
- Ali, Hanaa, F. M., Hossam S. El-Beltagi and N. F. Nasr, 2008. Assessment of Volatile Components, Free Radical-Scavenging Capacity and

Antimicrobial Activity of Lemon Verbena Leaves. Research Journal of Phytochemistry 2 (2): 84-92.

N. F. Nasr, 2008. Advanced studies on pasteurization of milk and juices. (Ph.D. thesis). Fac. of Agriculture, Cairo University.

Zahra, M. K.; S. A. El-Gizawy and **N. F. Nasr**, 2007. Application of Hazard Analysis and Critical Control Points (HACCP) System in Small-Scale Cheese Plants. Egyptian Journal of Applied Sciences, 22(6B): 631 – 651.

N. F. Nasr, 2002. Behavior of *Listeria monocytogenes* in milk and milk products with special reference to milk pasteurization. (M.Sc. thesis). Fac. of Agriculture, Cairo University.

Memberships in professional societies

2005 – Present in Egyptian Society of Applied Microbiology (ESAP)

Membership number (166)

Certificates: Attached available upon request.

References:

Prof. Dr. Zakaria Yehia Daw

Prof. Dr. Samir Abdel-Wahed El-Gizawy

Professors of Agricultural Microbiology, Fac. of Agriculture, Cairo University