



Abdelrahman Saleh Zaky Ahmed

School of Biosciences, University of Nottingham, Sutton Bonington Campus, Loughborough, UK. LE12 5RD

Cell Phone: 0044 (0) 7474440333

Emails: stxasahm@nottingham.ac.uk – a.s.zaky@live.com

Website: <http://nottingham.academia.edu/AbdelrahmanAhmed>

PROFESSIONAL PROFILE

A dedicated assistant lecturer professional who makes a point of understanding a student's needs and offering the most considerate and practical course of action. Currently, a postgraduate researcher at the University of Nottingham and my research project aims are to optimise bioethanol production using seawater-based media and marine biomass by employing marine yeast.

EDUCATION AND QUALIFICATIONS

2012 - 2014	Postgraduate Researcher , <i>School of Biosciences, University of Nottingham, UK.</i>
2009 - 2011	M.Sc. in Microbiology. <i>Faculty of Agriculture, Cairo University, Egypt.</i>
2007 - 2008	Courses in general English Language , <i>The London Skills Institute, London, UK.</i>
2005 - 2006	Courses for master degree , <i>Dept. Microbiology, Cairo University, Egypt</i>
2004 - 2005	Military service, <i>Egypt.</i>
1999 - 2003	B.Sc. in Agricultural Sciences, Major: Biotechnology with a grade of very good with honour, <i>Faculty of Agriculture, Cairo University, Egypt.</i>

Academic achievements

- **Undergraduate:** 2nd of class with 120 students.
- **Master:** 1st class with the best thesis of the year 2011 (award by Cairo University for 2 winners of around 90 student graduated in the faculty of agriculture).
- Appointed Teaching Assistant in 2005 for my academic achievements during undergraduate level, then promoted to Assistant Lecturer in 2011 for my Master degree.

AWARDS and Scholarships

- **Forman Hardy research grant.** (£3500) to conduct research at the University of Nottingham, UK. (2014)
- **Conference scholarship.** Awarded by BIOPROSP_15, Norway (2014).
- **Travel grant** (£300) awarded by Biochemical Society, UK (2014).
- **Valuable presentation trophy for the best oral presentation.** Awarded by the Egyptian Embassy in London 2013.
- **President's Fund grant** (£1,000) awarded by the Society for Applied Microbiology, UK (2013).
- **Egyptian missions scholarship** (up to £50.000) to conduct research at the University of Nottingham, UK. (2012)
- **Cairo University Prize for The Best Master Thesis**, Prize of year (2011).
- **Poster competition Prize**, forth of year (2010) Cairo University
- **Awarded a Grade of 'Very Good with honour'** from Faculty of Agriculture, Cairo University, Egypt for my B.Sc. in agricultural Sciences, Major: Biotechnology (2003).
- **Awarded a full board trip to Syria for two weeks** from Cairo University due to my excellent grades and the social activities during the academic year (2001 – 2002).

CAREER SUMMARY

2011 – Present:

Dept. Microbiology, Cairo University - Egypt, *Assistant Lecturer*

- Teaching the practical part of some microbiology courses to undergraduate students.
- Supervising Undergraduate and Master's Students
- Taking part of organising the scientific events in the department.
- Doing my PhD degree, this includes taking post graduate courses, research and scientific experiments as well as writing the thesis.

2005 – 2011:

Dept. Microbiology, Cairo University - Egypt, *Teaching Assistant*

- Teaching the practical part of some Microbiology courses to the undergraduate students
- Preparation of tools and instruments for the experiments
- Doing my Master degree, this includes taking post graduate courses, research and scientific experiments as well as writing the thesis.

PUBLICATIONS

▪ Journals:

- ✚ A.S. Zaky, G.A. Tucker, Z.Y. Daw and C. Du (2014). Marine Yeast Isolation and Industrial Application. *FEMS Yeast Research*. 14 (6) 813–825.
- ✚ N.F. Nasr, A.S. Zaky and Z.Y. Daw (2010). Microbiological Quality of Active Dry and Compressed Baker's Yeast sold in Egypt. *Journal of Pure and Applied Microbiology*. 4 (2) 455-462.

▪ Book, book chapter:

- ✚ Abdelrahman Ahmed (2012). Microbiological and Chemical Quality of Active Dry Yeast. *Lambert Academic Publishing, Germany*. ISBN: 978-3-8473-7687-3.

▪ Conferences:

- ✚ A.S. Zaky and C. Du (2014). The isolation of novel marine yeasts; a new procedure. *New Biotechnology*. Volume 31S, pp 132. **Abstract.**
- ✚ A.S. Zaky and C. Du (2014). Employing marine yeast and seawater based media in bioethanol production. *Proceedings of the 22nd European Biomass Conference and Exhibition*. **Abstract.**
- ✚ A.S. Zaky and C. Du (2014). *Proceedings of the International Bioenergy Conference 2014*. **Abstract.**
- ✚ A.S. Zaky and C. Du (2013). Isolation of industrial marine yeast. *63^{ed} annual Meeting & Exhibition of the Society for Industrial Microbiology and biotechnology*. **Abstract.**
- ✚ A.S. Zaky and C. Du (2012). Cellulosic Ethanol Production by Halo-tolerant pentose utilising Yeast. *Proceedings of the International Conference of Nanotechnology, Biotechnology and Spectroscopy*. P. 37. **Abstract.**
- ✚ A.S. Zaky and N.F. Nasr (2011). Easy and efficient method for measuring the rising power of baker's yeast. *Proceedings of the International Food Congress - Novel Approaches in Food Industry*. Volume 2, 650-654. **Full paper.**
- ✚ N.F. Nasr and A.S. Zaky (2011). Five major factors affecting the production of baker's yeast using sugar cane molasses. *Proceedings of the International Food Congress - Novel Approaches in Food Industry*. Volume 2, 1051-1056. **Full paper.**

CONFERENCES (2010-2014)

- **The 7th International Conference on Marine Bio-prospecting (BIOPROSP_15).** Tromsø, Norway 18th to 20th February 2015 (Oral presentation). (accepted with scholarship)
- **LACE conference:** University of Nottingham, Nottingham, UK. 3rd of Sept. 2014 (Poster).
- **16th European Congress on Biotechnology.** Edinburgh, Scotland 13th to 16th July 2014 (Poster).
- **22nd European Biomass Conference and Exhibition.** Hamburg, Germany. 23rd to 26th June 2014. (Oral presentation).
- **British Yeast Group Meeting 2014.** The University of Exeter. Exeter, UK. 7th to 9th April 2014. (Oral presentation).
- **International Bioenergy Conference 2014.** Manchester, UK. 11th to 13th March 2014 (Poster).
- **Egyptian Student Union in UK conference.** London, UK. 4th of October 2013. (Oral presentation).
- **LACE conference:** Nottingham University, Nottingham, UK. 2^{ed} of Sept. 2013.
- **63^{ed} annual Meeting & Exhibition of the Society for Industrial Microbiology and biotechnology:** San Diego, USA. From 11 to 15 August 2013. (Poster).
- **The 2012 AUC Research Conference, Entrepreneurship & Innovation: Shaping the Future of Egypt.** American University in Cairo, Egypt. From 17th to 19th of April, 2012 (Poster).
- **International Conference of Nanotechnology, Biotechnology and Spectroscopy (ICNBS Egypt 2012).** Giza, Egypt. From 1st to 3^{ed} of March, 2012. (Oral presentation).
- **Novel approaches in Food Industry (NAFI 2011).** Izmir, Turkey. From 26rd to 29th of May, 2011 (Poster).
- **1st International Congress on Food Technology.** Antalya, Turkey. From 3rd to 6th of November, 2010 (Poster).
- **Workshop on Industrial Biotechnology: The current situation and future prospect.** Cairo, Egypt. From 14th to 15th of July, 2010 (Poster).

TRAINING, WORKSHOPS and voluntary work

- **Three day MBA: Developing entrepreneurship in synthetic biology.** Imperial College London, London, UK. 16th to 18th of December 2014.
- **May Fest 2014.** University of Nottingham. Nottingham, UK. 10th May 2014. (volunteer)
- **Understanding Scientific Publishing.** Charles Darwin House, London, UK. 9th of March 2014.
- **Bioenergy Outreach Event at the British Science Festival.** Newcastle University, Newcastle, UK. 10th to 12th of Sept. 2013. (volunteer)
- **Bioenergy Dialogue Session.** Held at Showroom cinema, Sheffield, UK. 9th of Sept. 2013. (volunteer)
- **Sense About Science Standing up for Science media workshop.** Held at the Society of Biology, London, UK. 14th June 2013.
- **Executive supervision workshop.** Faculty and Leadership Centre (FLDC), Cairo University, Cairo, Egypt. 24th of June 2012.
- **References and Data Management Using EndNote®X5 Software.** Faculty of Science, Cairo University, Cairo, Egypt. On March, 12, 2012.
- **Step by Step Guide to Submit a Manuscript to an International Journal.** New Central Library, Cairo University, Cairo, Egypt. 7th of December 2011.
- **Lignocellulose to Bioethanol Program.** School of Biosciences, University of Nottingham. Nottingham, the UK. 19th to 30th of September 2011.

- Courses in general English Language, British Council, Cairo, Egypt 2009 - 2010.
- **Environmental Biotechnology and Microbial Techniques.** Jaypee University of information technology (JUIT). **Solan, India.** 1st to 30th of August 2010.
- **Introduction to Malaysian Studies.** Faculty of Economics and Political Sciences, Cairo University, **Cairo, Egypt.** 26th of March to 16th of April 2006.

TRAINING PROGRAMS FOR IMPROVING THE UNIVERSITY STAFF MEMBERS: (FLDC) Faculty and Leadership Centre, Cairo University, Egypt

- **Organizing Scientific Conferences:** 11th to 13th of February 2012.
- **Examination Techniques and Student Evaluation:** 24th to 26th of October 2011.
- **Competing for Research Funds:** 30th to 31st of May 2010.
- **International Publishing of Scientific Research:** 20th to 21st of April 2010.
- **Research Ethics:** 8th to 10th of March 2010.
- **Quality Standard in Teaching:** 17th to 19th of August 2009.
- **Decision Making and Problem-Solving:** 18th to 20th of September 2006.
- **Communication Skills:** 13th to 16th of August 2005.

MEMBERSHIPS

- **Member (5025560),** *American Society for Microbiology (ASM)*, USA. Since 2014
- **Member (5025560),** *European Federation of Biotechnology (EFB)*, EU. Since 2014
- **Member (5025560),** *Society for Industrial Microbiology and Biotechnology (SIMB)*, USA. Since 2013
- **Member (742012),** *International Society for Applied Life Sciences (ISALS)*, Turkey. Since 2011
- **Member (01038405),** *Biochemical Society*, United Kingdom. Since 2011.
- **Member (501816),** *Society for Applied Microbiology (SfAM)*, United Kingdom. Since 2009
- **Member (172),** *Society of Applied Microbiology (ESAM)*, Egypt. Since 2005
- **Reviewer,** *Journal of Food Processing and Technology.*
- **Reviewer,** *Public Library of Science ONE (PLoS ONE).*

SKILLS

- Research:** Fermenters up to 15L, PCR and most Genetic related equipments, Microarray, HPLC, BioLog and most common laboratory equipments, Writing manuscripts, Data processing and analysis.
- Teaching:** LAB modules in: General Microbiology, Microbial Fermentation, Microbial biotechnology, Food microbiology and Microbial ecology.
- Computing:** Word, Power Point, and Excel. Very good in scientific browsing throw the internet.
- Languages:** **English:** Very Good. (IELTS band 6.5): Test, date: 18 Jan 2014. (Listening 6.0, Reading 6.0, Writing 6.5 and Speaking 8.0).
Arabic: mother tongue

ACTIVITIES AND INTERESTS

- Executive supervisor at Faculty and Leadership Centre (FLDC), Cairo University, Egypt.
- I was an active member of the Revolution Shadow Government (Minister of Agriculture); I appeared in many TV and Radio Programmes. Also, I was interviewed by some journals and Magazines.
- I love reading and listening to music. I enjoy travelling and meeting new people. I like to play football and volleyball.

REFERENCES

Available on request