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RESEARCH (ATNMRI)



PERSONAL INFORMATION	Full Name: Affiliations: Address: Mobile No.: E-mail: Important links:	Deyaa Mohamed Abol-Fotouh Yousof Assistant Researcher, Researches of Electronic Materials Dept., New Burg Al-Arab City- Alexandria, Egypt. +20-01553402835 dabolfotouh@srtacirty.sci.eg
EDUCATION	Ph. D. in Microbiology (2019) , Botany and Microbiology Depart., Faculty of Science, Al-Azhar University, Cairo, Egypt. M. Sc. (2011) , Botany and Microbiology Depart., Faculty of Science, Al-Azhar University Cairo, Egypt. B. Sc. (2004) , Faculty of Science, Al-Azhar University, Cairo, Egypt (June 2014). Grade: Excellent.	
ACTIVITIES	<input type="checkbox"/> <u>Workshops:</u> - Workshop “Different types of electronic microscope components and their importance in analyzing different samples in various scientific fields in professional way”- April 17-19, 2018- SRTA-City, Alexandria, Egypt. - School “ICMAB Scientific school on materials for biomedical applications (MATBIO2017)”- June 19-22, 2017- ICMAB-CSIC, Barcelona, Spain. - Workshop “III workshop on materials characterization by diffraction method (MATCHAR2017)”- January 23, 2017- ICMAB-CSIC, Barcelona, Spain. - Workshop “XV Workshop on rapid methods and automation in food microbiology”- November 22-25, 2016- Faculty of animal and	

	<p>alimentary sciences- Campus de la UniversitatAutonma de Barcelona (UAB), Bellterra, Spain.</p> <p>□ <u>Meetings & conferences:</u></p> <ul style="list-style-type: none"> - Poster contribution in “3rd Scientific meeting of BCN-b students”- November 7-8, 2017- ICMAB-CSIC, Barcelona, Spain. - Poster contribution in “Scientific meeting of UAB Ph.D. students”- June 28-29, 2016- Campus de la UniversitatAutonma de Barcelona (UAB), Bellterra, Spain. <p>□ <u>Training</u></p> <ul style="list-style-type: none"> - Clean room class 10000 (ISO7)- ICMAB-CSIC, Barcelona, Spain. - Health & safety- ICMAB-CSIC, Barcelona, Spain. - Lab management- Nanomaterials & Nanocomposites group- ICMAB-CSIC, Barcelona, Spain. - Lab-scale Fermenter operation- 2007-2012- (Ferm-BAM) Center, Campus of Al-Azhar University, Nasr City Cairo, Egypt. - Antimicrobial assay and sensitivity tests- 2007-2012- (Ferm-BAM) Center, Campus of Al-Azhar University, Nasr City Cairo, Egypt. - Management strategies- December, 2008- Dr. Ibrahim El-Fiky- The Canadian Training Center of Human Development (CTCHD), Cairo, Egypt.
	<ul style="list-style-type: none"> - Instructor in “Winter School Program 2019”- January 27- February 7, 2019- SRTA-City, Alexandria, Egypt. - Member of Committee of technical specifications and evaluation for the years 2013 & 2014.
	<p>Instructor in “Winter School Program 2019”- January 27- February 7, 2019- SRTA-City, Alexandria, Egypt.e.g. (Leadership,Community</p>

	services& Volunteer work)
GRANTS & AWARDS	Ph.D. Joint supervision scholarship funded by Egyptian Ministry of Higher Education (2016-2018) in Institut de Ciència de Materials de Barcelona (ICMAB-CSIC), Campus de la Universitat Autònoma de Barcelona (UAB), Bellterra, Spain.
	Awards List your Awards here... (start with the most recent) (Award's Name – Date – Location)
LIST OF PUBLICATIONS	<p>1-Mohamed A. Hassan, Deyaa Abol-Fotouh, Ahmed M. Omer, Tamer M. Tamer, and Eman Abbas. Comprehensive insights into microbial keratinases and their implication in various biotechnological and industrial sectors: A review. International Journal of Biological Macromolecules 154, 567-583(2020). DOI: 10.1016/j.ijbiomac.2020.03.116</p> <p>2- Deyaa Abol-Fotouh, Mohamed A. Hassan, Hassan Shokry, Anna Roig, Mohamed S. Azab&Abd El-Hady B. Kashyout. Bacterial nanocellulose from agro-industrial wastes: low-cost and enhanced production by Komagataeibacter saccharivorans MD1. Scientific Reports 10, 3491 (2020). DOI:10.1038/s41598-020-60315-9</p> <p>3- Deyaa Abol-Fotouh, Bernhard Döring, Osnat Zapata-Arteaga, Xabier Rodríguez-Martínez, Andrés Gómez, J. Sebastian Reparaz, Anna Laromaine, Anna Roig, and Mariano Campoy-Quiles. Farming thermoelectric paper. 2019. Energy & Environmental Science. 12 (2), 716-726. DOI: 10.1039/C8EE03112F</p> <p>4- Deyaa M. AbolFotouh, Reda A. Bayoumi, & Mohamed A. Hassan. Production of thermoalkaliphilic lipase from Geobacillus thermoleovorans DA2 and application in leather industry. Enzyme research. Vol 2016. DOI: 10.1155/2016/9034364</p>