

# Curriculum Vitae



**Name:** Yasser El-Mohammadi Mohamed Ragab

**Gender:** Male

**Birth Date:** 9-12-1966 (born in Cairo)

**Nationality:** Egyptian

**Social State:** Married

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## **Education**

1) **Ph.D. of Microbiology and Immunology**, Faculty of Pharmacy, Cairo University (August 1998- February 2005)

“A study on the physiological changes occurring during post antibiotic effect of fluoroquinolones on gram negative bacilli”.

2) **M.S. of Microbiology and Immunology**, Faculty of Pharmacy, Cairo University (September 1991- July 1997).

3) **B.S.C. of Pharmaceutical Sciences**, Faculty of Pharmacy, Cairo University (September 1984- May 1989).

4) **Secondary education diploma**, Collège de la Salle, Cairo, Egypt (May 1984).

## **Current Job:**

Assistant Professor at Microbiology and Immunology Department, Faculty of Pharmacy, Cairo University (since April 2012).

## **Professional Experience:**

- 1) **Assistant Professor** - Microbiology and Immunology Department, Faculty of Pharmacy, Cairo University (March 2012- current time).
- 2) **Lecturer** - Microbiology and Immunology Department, Faculty of Pharmacy, Cairo University (March 2005- March 2012).
- 3) **Lecturer/Assistant Professor** - Microbiology and Immunology Department, Faculty of Pharmacy, Sinai University (February 2008- current time).
- 4) **Lecturer** - Microbiology and Immunology Department, Faculty of Pharmacy, MSA (Modern Sciences & Arts) University (February 2008- June 2008).
- 5) **Lecturer** - Microbiology and Immunology Department, Faculty of Pharmacy, Beni Suef University (March 2005- January 2009).
- 6) **Lecturer** - Microbiology and Immunology Department, Faculty of Pharmacy, 6 October University (March 2006- June 2007, October 2011- August 2014).
- 7) **Assistant lecturer** - Microbiology and Immunology Department, Faculty of Pharmacy, Cairo University (August 1997- February 2005).
- 8) **Teaching assistant** - Microbiology and Immunology Department, Faculty of Pharmacy, Cairo University (March 1991- July 1997).
- 9) **Trainee** in the laboratory of quality control at Bristol Myers Squibb Egypt, Giza, Egypt (May 1992).

### **List of courses taught**

- |                                    |    |
|------------------------------------|----|
| 1) Basic microbiology              | 2) |
| Pharmaceutical microbiology        |    |
| 3) Biotechnology                   |    |
| 4) Parasitology                    |    |
| 5) Immunology                      |    |
| 6) Medical microbiology            |    |
| 7) Virology                        |    |
| 8) Public Health                   |    |
| 9) Microbiological Quality Control |    |

### **Language capabilities:**

**Arabic:** Mother tongue.

**French:** Fluently read, written, spoken and understood.

**English:** Fluently read, written, spoken and understood.

## **Workshops**

- 1) **Bioinformatics BTC-003** – Biotechnology Centre, Faculty of Agriculture, Cairo University (September 2010).
- 2) **E-Learning and Preparation of Didactic Material for Online Courses Seminar** – E-Learning center, Cairo University (December 2008).
- 3) **Basic Techniques of Biotechnology** – Center of Virology, Faculty of Agriculture, Cairo University (July 2004).
- 4) **Fluorescence and Reflectance Spectroscopy and Applications in Science, Pharmacy and Medicine** – Photoenergy Center, Faculty of Science, Ain Shams University (February – March 2000).

## **Conferences**

- 1) **2<sup>nd</sup> Scientific Conference of Faculty of Pharmacy – Cairo University on "Quality Assurance in Pharmacy Education"** - Cairo, Egypt (April 2010).
- 2) **Pharmacy and Pharmaceutical Sciences World Congress 2005, 65<sup>th</sup> International Congress of FIP** - Cairo, Egypt (September 2005).
- 3) **28<sup>th</sup> Conference of the Pharmaceutical Society of Egypt** - Cairo, (December 2002).

## **Publications**

- 1) **[Ismail, M.M.](#), [Essam, T.M.](#), [Ragab, Y.M.](#) and [Mourad, F.E.](#) May 2017. "Remediation of a mixture of analgesics in a stirred-tank photobioreactor using microalgal-bacterial consortium coupled with attempt to valorise the harvested biomass." *Bioresource Technology* 232:364-371.**
- 2) **[Ismail, M.M.](#), [Essam, T.M.](#), [Ragab, Y.M.](#) and [Mourad, F.E.](#) September 2016. "Biodegradation of ketoprofen using a microalgal–bacterial consortium." *Biotechnology Letters* 38(9):1493-1502.**

3) El Shamy, A.A., Ali, A.E., [Ragab, Y.M.](#) and Hashem, A.M. September 2016.

"Study on some virulence factors of clinical and environmental strains of *Pseudomonasaeruginosa*."

New Egyptian Journal of Microbiology 45(9):102-114.

4) Hashem, A.M., El-Tayeb, W.N., Ragab, Y.M. and Fathy, D.O. April 2016.

"Molecular Identification of *Streptomyces clavuligerus* and Structure Elucidation of Its Antimicrobial Efficiency."

International Journal of Applied and Pure Science and Agriculture 2(4):96-105.

5) Adly, N. N., Ragab, Y.M., Hashem, A.M and Ahmady, A.K. December 2015.

"Effect of diabetes on occurrence of urinary tract infection and asymptomatic bacteriuria among diabetic and ketacidosis patients in Egypt."

International Research Journal of Microbiology 6(3):27-36.

6) Samir, R., Essam, T., Ragab, Y. and Hashem, A. June 2015.

"Enhanced photocatalytic-biological degradation of 2, 4 dichlorophenoxyacetic acid."

Bulletin of Faculty of Pharmacy, Cairo University 53(2):77-82.

7) Helmy, O. M., Ragab, Y. M. and Hussein, M. M. M. August 2013.

"Multiplex polymerase chain reaction (PCR) for the detection of diarrheagenic *Escherichia coli* and *Shigella* directly from stool." African Journal of Microbiology Research 7(34):4368-4372.

8) Alam El-Din, H.M., Hashem, A.M., Ragab, Y.M., Hussein, I.L., Mohamed, D.B. and Mohamed, E.-C.B. July 2013. "Evaluation of Noninvasive Versus Invasive Techniques for the Diagnosis of *Helicobacter pylori* Infection."

Applied Immunohistochemistry and Molecular Morphology 21(4):326-333.

.Hashem, A.M, Ismail, S. A.E.-A., Helmy, W.A., El-Mohamady, Y (9 .and Abou-Romia, R. March 2013

Factors affecting the production of lactulose by *Lactobacillus acidophilus* " ".NRRL 4495  $\beta$ -galactosidase and its biological activity

.Malaysian Journal of Microbiology 9 (1):1-6

.Helmy, O. M., Ragab, Y. M. and Hussein, M. M. M (10 .December 2012

**Detection of genus *Salmonella* and serogroups A, B, C1, D and (Vi) " capsular producing strains using multiplex polymerase chain reaction ".(PCR) method from stool**  
**.African Journal of Microbiology Research 6 (47):7383-7388**

**11) El-Sayed, M. A., Tawakol, W.M., Ragab, Y.M. and Amin, M.A. October 2012.**  
**" Plasmid Encoding Antimicrobial Resistance among Environmental *Salmonella* Species and Molecular Characterization Using Random Amplified Polymorphic DNA Analysis"**  
**World Journal of Medical Sciences 7 (3):163-171.**

**12) Amin, M. A., Tawakol, W.M., Ragab, Y. M. and El-Sayed, M.A. January 2012.**  
**"Phenotypic detection of potential antimicrobial resistance among environmental *Salmonella* species".**  
**International Journal of Microbiological Research 3:38-45.**

**13) Nagy, Y. I., Hashem, A. M., Ragab, Y. M. and Amin, M. A. November 2011.**  
**"Analysis of the mechanisms of resistance of *Pseudomonas aeruginosa* to fluoroquinolones".**  
**Egyptian Journal of Biomedical Sciences 37:94-112.**

**14) Alam El-Din, H. M., Hashem, A.M., Ragab, Y. M., El Sayed, A. M. and Mohamed, E-C. B. September 2011.**  
**"Impact of *Helicobacter pylori* infection in patients undergoing GIT endoscopy suspected for cancer".**  
**New Egyptian Journal of Microbiology 30:252-263.**

**15) El-Batal, A. I., Hashem, A.M., Ragab, Y. M. and Helal, A. I. May 2011.**  
**"Magnetically modified microbial cells for efficient removal of water soluble textile dyes".**  
**New Egyptian Journal of Microbiology 29:392-405.**

**16) Amin, M.A., Hady, O.A.W., Ragab, Y.M. and Bahy R.H. 2010.**  
**"Evaluation of immune response against hepatitis A and Typhoid vaccines and their combination".**  
**Journal of Drug Research 31:101-107.**

**17) Elamien, M.; Kotob, N.S.; Elsayed, E.A.; Ragab, Y.M. and Mourad, F.E. November 2010.**  
**"Post-distribution survey for potency of live attenuated oral polio vaccines (OPV) used in Sudan Northern States peripheral children immunization**

clinics".

Egyptian Journal of Virology, Special Issue: 21-34.

18) Ismail, S.A., El-Mohammady, Y., Helmy, W.A., Abou-Romia, R. and Hashem, A.M. October 2010.

“Cultural conditions affecting the growth and production of  $\beta$ -galactosidase by *Lactobacillus acidophilus* NRRL 4495”.

Australian Journal of Basic and Applied Sciences 4(10): 5051-5058.

19) Ashour, M.S., Hashim, A.M., Abd El-Rahman, O.A., Ragab, Y.E. and Ezzat H. September 2010.

“Optimization of lipase production by newly isolated strain of *Pseudomonas aeruginosa*”.

New Egyptian Journal of Microbiology 27: 37-54.

20) Seleem, T.S.T., El-Manylawi, M.A.F. and Ragab, Y.M. 2010.

“Growing rabbit performance as affected by pre or/ and probiotics in drinking water”.

Published in the Proceedings of 2010 International Conference on Agricultural and Animal Science, Singapore, February 2010.

21) Amer, F., Ragab, Y. and Al-Hejin, A. 2009.

“Anaerobic bacteria in pyogenic infections: incidence and susceptibility to antianaerobic agents”.

Published in the Proceedings of 26th International Congress of Chemotherapy and Infection, Toronto, June 2009.

22) Abdel-Motelib, A., Abdel Kader, Z., Ragab, Y.A. and Mosalamy, M. 2008.

“Suitability of Miocene bentonites from the North Western Desert of Egypt for Pharmaceutical uses”. Abstract published in the 3rd International Conference of Scientific Research and its Applications, Cairo University, Cairo, March 2008.

23) Ramadan, M.A., El-Mohammady, Y., Abdel-Hameed, A.A. and Hashem, A.M. 2002.

“Impact of postantibiotic effect of sub-MICs of ofloxacin and norfloxacin on the morphology of *Pseudomonas aeruginosa*”.

Published in the 28<sup>th</sup> conference of the Pharmaceutical Society of Egypt, Cairo, December 2002.

24) Amin, M., Hosny, A.M.S. and El-Mohammady, Y. 1996.

“Biodegradation of petroleum saturates by an *Arthrobacter* species”

Al-Azhar Journal of Microbiology 31:13-24.

25) Amin, M., Hosny, A.M.S. and El-Mohammady, Y. 1996. “Involvement of bacterial cell surface hydrophobicity in the biodegradation of petroleum hydrocarbons”.

Al-Azhar Journal of Microbiology 31:1-12.

26) Amin, M., Hosny, A.M.S. and El-Mohammady, Y. 1995. "Biodegradation of Egyptian petroleum by local bacterial isolates". Al-Azhar Journal of Microbiology 28: 50-61.

### **Poster presentations**

Amany M. Ibrahim, Yasser M. Ragab, Khaled A. Aly and Mohammed -1  
.A. Ramadan. 2016

Rapid Identification of Protein-Protein Dimerization Sites Using "  
Modified Error-Prone PCR Mutagenesis Coupled with Bacterial Two-  
".Hybrid Screens

.ASM Microbe Conference. Boston, Massachusetts, USA

2- Manar M. Ahmed, Khaled M. Aboshanab, Yasser M. Ragab and Khaled  
A. Aly. 2016.

The Transmembrane Domain of the Staphylococcus aureus ESAT-6 "  
Secretion System Component EssB Interacts with the Integral Membrane  
".Protein EssF

.ASM Microbe Conference. Boston, Massachusetts, USA

3- Shahira A. El-Banna, Salwa A. Rasmy, Yasser M. Ragab and Ahmed S.  
Attia. 2015.

"Effect of pH Shift on the Regulation and Expression of Some Virulence  
Factors in the Opportunistic Pathogen Staphylococcus epidermidis."  
The Microbial Stress Meeting: "From Molecules to systems by the  
European Federation of Biotechnology held in Sitges." Barcelona, Spain.

4- Mark M. Abdel-Massih, Nourtan F. Abdeltawab, Yasser M. Ragab and  
Aisha Salama. 2015.

Effect of Nickel on Biofilm Formation in Staphylococcus aureus Clinical  
Isolates

Effect of Nickel on Biofilm Formation in Staphylococcus aureus Clinical  
Isolates

Effect of Nickel on Biofilm Formation in Staphylococcus aureus Clinical  
Isolates

"Effect of nickel on biofilm formation in Staphylococcus aureus clinical  
isolates."

Effect of Nickel on Biofilm Formation in Staphylococcus aureus Clinical  
Isolates

Effect of Nickel on Biofilm Formation in Staphylococcus aureus Clinical  
Isolates

7th ASM Conference on Biofilm. Chicago, IL, USA.

**5- Hanzada T. Nour-Eldin, Aymen S. Yassin, Yasser M. Ragab and Abdel Gawad M. Hashem. 2014.**

**"Molecular characterization and differentiation between colonized and infectious methicillin resistant Staphylococcus aureus isolated from intensive care units."**

**5th International Scientific Conference, Faculty of Pharmacy, Cairo University: "Pharmacy at the Cutting-Edge: Facing Future Challenges." Cairo, Egypt.**

**6- Wagih S. Elkalla , Yasser M. Ragab and Alaa El-dien M.S. Hosny. 2014.**

**"CHARACTERIZATION AND BIOTECHNOLOGICAL STUDY ON MICROBIAL AMYLASE PRODUCTION FROM LOCAL ISOLATES."**

**5th International Scientific Conference, Faculty of Pharmacy, Cairo University: "Pharmacy at the Cutting-Edge: Facing Future Challenges." Cairo, Egypt.**

**Aliaa A. El Shamy, Amal E. Ali, Yasser M. Ragab and Abd El Gawad M. -7 .Hashem. 2014**

**"Studies on Some Virulence Factors of Pseudomonas aeruginosa Isolates in Egypt."**

**5th International Scientific Conference, Faculty of Pharmacy, Cairo University: "Pharmacy at the Cutting-Edge: Facing Future Challenges." Cairo, Egypt.**

**8- Shahira A. El-Banna, Salwa A. Rasmy, Yasser M. Ragab and Ahmed S. Attia. 2013.**

**"Changes in pH Affect the Expression of Some Key Virulence Factors of the Opportunistic Pathogen Staphylococcus epidermidis."**

**4th International Scientific Conference, Faculty of Pharmacy, Cairo University: "Pharmacy Education and Community Expectation". Cairo, Egypt.**

**Amany M. Ibrahim, Yasser M. Ragab, Amal E. Ali and Abd El Gawad -9 .M. Hashem. 2013**

**"Postantibiotic effect of vancomycin against methicillin resistant Staphylococcus aureus (MRSA)."**

**4th International Scientific Conference, Faculty of Pharmacy, Cairo University:**

**"Pharmacy Education and Community Expectation". Cairo, Egypt.**

**10- Amer, F., Ragab, Y. and Al-Hejin, A. 2009.**

**"Anaerobic bacteria in pyogenic infections: incidence and susceptibility to antianaerobic agents".**



**Published in the Proceedings of 26th International Congress of Chemotherapy and Infection, Toronto, Canada, June 2009.**

**11- Ramadan, M.A., El-Mohammady, Y., Abdel-Hameed, A.A. and Hashem, A.M. 2002.**

**“Impact of postantibiotic effect of sub-MICs of ofloxacin and norfloxacin on the morphology of *Pseudomonas aeruginosa*”. Published in the 28<sup>th</sup> conference of the Pharmaceutical Society of Egypt, 17-19 December, Cairo, Egypt.**