



**Name:- Abdelaziz Ahmed Elgaml**

**Position:- Assistant Professor of Microbiology & Immunology**

**Education:- PhD, MSc, BSc**

**E-mail:- [elgamel3a@mans.edu.eg](mailto:elgamel3a@mans.edu.eg)**

#### **Research interests:**

Bacteriology; Bacterial resistance; Bacterial virulence; Quorum sensing; Virology; Hepatitis (A, B and C viruses); Seeking new targets for treatment of the pathogens.

#### **Selected Publications:**

1. Mai El-Naggar, **Abdelaziz Elgaml**, Fatma Abdel Bar, Farid Badria (2018): Antimicrobial and antiquorum-sensing activity of *Ricinus communis* extracts and ricinine derivatives. *Natural Product Research*. 15:1-7.
2. Mohamed El-Mesery, Mohammed El-Mowafy, **Abdelaziz Elgaml**, Laila Youssef, Sally Abed (2017): Correlation of Serum Soluble Fibrinogen-Like Protein 2 with Soluble FAS Ligand and Interferon Gamma in Egyptian Hepatitis C Virus-Infected Patients and Hepatocellular Carcinoma Patients. *Journal of Interferon and Cytokine Research*. 37:342-347.
3. Mohammed El-Mowafy, **Abdelaziz Elgaml**, Mohamed El-Mesery, Moahmed Elegezy (2017): Molecular analysis of Hepatitis B virus sub-genotypes and incidence of preS1/preS2 region mutations in HBV-infected Egyptian patients from Mansoura. *Journal of Medical Virology*. 89:1559-1566.
4. **Abdelaziz Elgaml**, Shin-ichi Miyoshi (2017): Regulation systems of protease and hemolysin production in *Vibrio vulnificus*. *Microbiology and Immunology*. 61:1-11.

5. Mahmoud Khalil, **Abdelaziz Elgaml**, Mohammed El-Mowafy (2017): Emergence of Multidrug-Resistant New Delhi Metallo- $\beta$ -Lactamase-1-Producing *Klebsiella pneumoniae* in Egypt. *Microbial Drug Resistance*. 23:480-487.
6. Mohamed El-Mesery, Mohamed Shaker, **Abdelaziz Elgaml** (2016): The SMAC mimetic BV6 induces cell death and sensitizes different cell lines to TNF- $\alpha$  and TRAIL-induced apoptosis. *Experimental Biology and Medicine*. 241:2015-2022.
7. El-Shaymaa Abdel-Sattar, Shin-ichi Miyoshi, **Abdelaziz Elgaml** (2016): Regulation of *Vibrio mimicus* metalloprotease (VMP) production by the quorum-sensing master regulatory protein, LuxR. *Journal of Basic Microbiology*. 56:1051-1058.
8. **Abdelaziz Elgaml**, Shin-ichi Miyoshi (2015): Role of the Histone-Like Nucleoid Structuring Protein (H-NS) in the Regulation of Virulence Factor Expression and Stress Response in *Vibrio vulnificus*. *Biocontrol Science*. 20:263-274.
9. **Abdelaziz Elgaml**, Shin-ichi Miyoshi (2015): Presence of Nitric Oxide-Sensing Systems in the Human Pathogen *Vibrio vulnificus*. *Biocontrol Science*. 20:199-203.
10. **Abdelaziz Elgaml**, Kazutaka Higaki, Shin-ichi Miyoshi (2014): Effects of temperature, growth phase and *luxO*-disruption on regulation systems of toxin production in *Vibrio vulnificus* strain L-180, a human clinical isolate. *World Journal of Microbiology and Biotechnology*. 30:681-691.
11. **Abdelaziz Elgaml**, Kazutaka Higaki, Shin-ichi Miyoshi (2013): Regulation system of serine protease production in *Vibrio vulnificus* strain NCIMB 2137, a metalloprotease-gene negative strain isolated from a diseased eel. *Aquaculture*. 416-417:315-321.
12. **Abdelaziz Elgaml**, Ramadan Hassan, Rasha Barwa, Shadi Shokralla, Wael El-Naggar (2014): Antimicrobial susceptibility and sodium dodecyl sulfate polyacrylamide gel electrophoresis (SDS-PAGE) typing of Gram negative bacteria isolated from urinary tract infections in Mansoura, Egypt. *Journal of Microbiology and Antimicrobials*. 6:43-50.
13. **Abdelaziz Elgaml**, Ramadan Hassan, Rasha Barwa, Shadi Shokralla, Wael El-Naggar (2013): Analysis of 16S ribosomal RNA gene segments for the diagnosis of Gram negative pathogenic bacteria isolated from urinary tract infections. *African Journal of Microbiology Research*. 7:2862-2869.
14. Wael El-Naggar, Ramadan Hassan, Rasha Barwa, Shadi Shokralla, **Abdelaziz Elgaml** (2010): Molecular diagnosis of Gram negative bacteria in urinary tract infections. *Egyptian Journal of Medical Microbiology*. 19:93-106.

**Recognitions:**

1. **MONBUKAGAKUSHU (JAPAN MEXT) Research Student Scholarship** (2011). Sponsored by the embassy of Japan in Egypt.
2. **Excellence Certificate** for the master thesis (2010). Sponsored by the Pharmacy Syndicate, Cairo in Egypt.
3. **Excellence Certificates** for being among the top ten ranked students throughout the 5 years-period of study in the Faculty of Pharmacy, Mansoura University, Mansoura, Egypt (2002-2007). Sponsored by the Faculty of Pharmacy, Mansoura University and Pharmacy Syndicate, Mansoura in Egypt.

**Link to detailed C.V:**

[http://pharfac.mans.edu.eg/media/cat\\_upload/logo\\_7228741.pdf](http://pharfac.mans.edu.eg/media/cat_upload/logo_7228741.pdf)

**Research gate:**

[https://www.researchgate.net/profile/Abdelaziz\\_Elgaml](https://www.researchgate.net/profile/Abdelaziz_Elgaml)

**Google scholar:**

<https://scholar.google.com/eg/citations?user=NZxlQ1EAAAAJ&hl=en>

**Scopus:**

<https://www.scopus.com/authid/detail.uri?authorId=55878172000>

**ORCID:**

<https://orcid.org/0000-0001-6790-5849>