

## Curriculum vitae

### Personal Data:

**Name:**     **First**                                    **Middle**                                    **Family**  
                  El-shaymaa                                    Abd El-sattar Mohamed                                    Abd El-aal

**Title:**                                    Assistant Professor of Microbiology.

**Gender:**                                    Female

**Date and Place of Birth:** Sep. 28, 1978, Assiut, Egypt.

**Nationality:**                                    Egyptian

**Marital status:**                                    Married

### Contact:

**Mobile:** 002-01064189944  
**E-mail:** Elshaymaa\_a\_m@yahoo.com  
**Address:** Piece No. 475, Street No. 41, El-Moalmeen City, Assiut, Egypt.

### Education:

**Apr. 2013 – Jan. 2018:** **Doctoral study**, Department of microbiology and immnnology, **Faculty of medicine**, Assiut university, Egypt.

**Thesis Title:**                                    *Streptococcus pneumoniae* Infection in Mechanically Ventillated Pneumonic Children in Assuit University Paediatric Hospital.

**Apr. 2008 – Apr. 2010:** **Master study**, Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, Okayama University, Okayama, **Japan**.

**Thesis Title:**                                    Regulation of metalloprotease gene expression in *Vibrio mimicus* by a *Vibrio cholerae* HapR homologue.

**Sept. 1996 – May 2001:** **Bachelor study**, Faculty of pharmacy, Assiut University, Egypt.

**Grade:**                                    Very good with the degree of Honor.

### Teaching experiences:

- **Oct. 2018 – till now:** Lecturer at faculty of pharmacy, Medical microbiology and Immunology department, South Valley University, **Egypt**
- **Apr. 2013 – Jan. 2018:** Teaching assistant at faculty of Medicine, Assiut University, Egypt.
- **May. 2010–March 2013:** GMP (Q. A.) Mentor at the Chemical Industrial and Developing Company (CID), Assiut-Branch, Assiut, Egypt.
- **Apr. 2008 – Apr. 2010:** Tutor and mentor for the undergraduate students at faculty of pharmacy, Okayama University, **Japan**
- **Sep. 2001–March 2008:** GMP (Q. A.) Mentor at the Chemical Industrial and Developing Company (CID), Assiut-Branch, Assiut, Egypt.

### **Work Experiences:**

- **Sep. 2001–March. 2008:** Quality Assurance specialist at GMP department, Chemical Industrial and Developing Company (CID), Assiut-Branch, Assiut, Egypt.
- **May. 2010–Jan. 2013:** Quality Assurance Specialist at GMP department, Chemical Industrial and Developing Company (CID), Assiut-Branch, Assiut, Egypt.
- **Apr. 2013 – Jan. 2018:** Manager at Molecular Biological Laboratory at Medicine faculty, Assiut university

### **Research Skills**

#### ***Microbiological genetic techniques:***

- Experience in the Polymerase chain reaction (PCR)
- Experience in Reverse transcription-PCR (RT-PCR)
- Experience in Determination of the genes nucleotide sequences
- Experience in Construction of the gene knockout mutants.
- Experience in isolation and identification of different micro-organisms

#### ***Quality Assurance techniques***

- Experience in the field of Good manufacturing Practice(GMP)
- Experience in Quality Assurance Standard Procedures in the field of pharmaceutical industries.

### **Publications:**

#### ***Peer-reviewed papers:***

١. **Abdel-Sattar El-Shaymaa**, Shin-ichi Miyoshi, and Abdelaziz Elgaml. **Regulation of *Vibrio mimicus* metalloprotease (VMP) production by the quorum-sensing master regulatory protein, LuxR.** Journal of basic microbiology. Volume 56; Issue 10; 2016; page No. 1051–1058.
٢. **Abdel-Sattar El-Shaymaa** and Shin-ichi Miyoshi (2010) *Vibrio mimicus luxRvm* gene for *LuxR*, complete cds, strain: ES-39. GenBank Accession Number AB 539711
٣. **Abdel-Sattar El-Shaymaa** and Shin-ichi Miyoshi (2010) *Vibrio mimicus luxRvm* gene for *LuxR*, complete cds, strain: ES-37. GenBank Accession Number AB 539839
٤. **El-Shaymaa Abdel-Sattar**, Sherine A Aly, Nahla M Elsherbiny, Shabaan Hashem Ahmed, Osama M El-Asheer (2017) **Prevalence of *Streptococcus pneumoniae* in Egyptian children.** International Journal of Medical and Health Research. Volume 3; Issue 8; August 2017; Page No. 103-107.

- . **El-Shaymaa Abdel-Sattar**, Osama M El-Asheer, Sherine A Aly, Nahla M Elsherbiny, Shabaan Hashem Ahmed (2019) ***Streptococcus pneumoniae* serotypes causing community acquired pneumonia in children in Egypt**. Journal of Medical Microbiology. (Submitted)

#### **Poster Presentations**

- **El-Shaymaa Abdel-Sattar**, Sherine A. Aly, Nahla M Elsherbiny, Shabaan Hashem Ahmed and Osama M. El-Asheer. (2017). Prevalence of *Streptococcus pneumoniae* in Egyptian children. **Al-Azhar 5<sup>th</sup> International Conference of Pharmaceutical Sciences and Drug Industries** Updates in the Pharmaceutical Industry and Their Social and Economic Impacts on the Health Care. September 13-15, 2017 TIA Heights, Makadi, Hurghada, Egypt.
- **El-Shaymaa Abdel-Sattar**, Shin-ichi Miyoshi. (2019). Regulation of *Vibrio mimicus* metalloprotease (VMP) production by the quorum-sensing master regulatory protein, LuxR. **5<sup>th</sup> Conference of Young Researchers for Medical Sciences**. February 11-13 Qena, Egypt.

#### **Research interest:**

- Isolation methods of different micro-organisms
- Molecular techniques and genetic experiments for identifying different nosocomial infections
- Treatment and vaccination of Epidemic diseases (Community Acquired Pneumonia)
- Environmental hygienic protocols
- Good Manufacturing Practices (GMP) and Good Laboratory Practices (GLP) researches and Manuals