

## Walaa Reda Seif Eldin Shata, B.Sc., M.Sc.

Master's Degree (M. Sc.) in Chemistry and Biochemistry  
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### Personal Information

<b>Name</b>	Walaa Reda Seif Eldin Shata
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<b>Marital Status</b>	Single
<b>Religion</b>	Muslim
<b>Date of Birth</b>	September 14, 1994
<b>Place of Birth</b>	Damietta, Egypt
<b>Contact Numbers</b>	Mob. (+20) 1024958808 / +201555631578

### Academic Qualifications

- **M.Sc. in Chemistry and Biochemistry**, Faculty of Science, Damietta University (**Jan 2024**).
- **Pre-master in Chemistry and Biochemistry**, Faculty of science, Damietta University (**2017**) **General grade:** Very good
- **B.Sc. in Chemistry and Biochemistry**, Faculty of science, Damietta University (**May 2016**) **General grade:** Excellent with Honor - (First in the batch).

### Employment Experience

<b>September 2018 - current</b>	<ul style="list-style-type: none"><li>➤ <b>Teaching assistant of Biochemistry (part time)</b> at Biochemistry Section, Department of Basic Sciences, Faculty of physical therapy, Horus University – Egypt (HUE), New Damietta, Egypt.</li></ul> <p><b>Main Duties</b></p> <ul style="list-style-type: none"><li>➤ Teaching practical Biochemistry 1 and Biochemistry 2 courses for 1<sup>st</sup> year physiotherapy students.</li><li>➤ Teaching practical Biochemistry III course for 2<sup>nd</sup> year physiotherapy students.</li></ul>
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<p><b>September 2018 – June 2021</b></p>	<ul style="list-style-type: none"> <li>➤ <b>Teaching assistant of Chemistry and Biochemistry (part time)</b> at Biochemistry Section, Department of Basic Sciences, Faculty of dentistry, Horus University – Egypt (HUE), New Damietta, Egypt.</li> </ul> <p><b><u>Main Duties</u></b></p> <ul style="list-style-type: none"> <li>➤ Teaching practical chemistry course for 1<sup>st</sup> year dentistry students (semester 1).</li> <li>➤ Teaching practical Biochemistry course for 1<sup>st</sup> year dentistry students (semester 2).</li> </ul>
<p><b>September 2017- August 2018</b></p>	<ul style="list-style-type: none"> <li>• <b>Medical analysis specialist at Metra Lab.</b></li> </ul>

## Teaching experience

### Undergraduate students

I assisted in teaching the following undergraduate practical courses for 1<sup>st</sup> year and 2<sup>nd</sup> year of medical students at faculty of physical therapy and faculty of dentistry at Horus University, Egypt (HUE).

- “Practical Biochemistry of Carbohydrates, Lipids and Proteins “1st year physiotherapy and dental students.
- “Practical Chemistry of cell and blood “1st year physiotherapy students.
- “Practical Urine analysis “2nd year physiotherapy students.
- “Practical Analytical chemistry “1st year dental students.

## Research Skills

- Extraction and Isolation of genomic DNA from human blood.
- Conventional polymerase chain reaction Techniques (RFLPs).
- Separation of DNA using gel electrophoresis.
- DNA Sequencing.
- Chromatography technique.
- Data visualization using computational tools.
- Using R programming, python, SPSS and STATA for data analysis and visualization as well as good scientific writing skills and figures design.

## Technical and professional certificates

- Passed the (FDTC) examination, documented by SCC Damietta University **(9/02/2023)**  
**Grade :680/700. (FDTC Certificate)**
- I have attended an English language training course (50 hours) and passed the (TOEFL) examination, documented by Center of public service, Faculty of Education, Damietta University  
**Grade :600/700. (TOEFL Certificate)**
- Passed the (ICDL) examination, documented by SCC Damietta University cooperation with Egyptian foundation information technology (48 hours) **(25/11/2020). (ICDL Certificate)**
- I have attended Training program entitled Human resources program (12 hours) from (25/08/2020) To (25/11/2020) **Human Resources (HR) Certificate.**
- Certificate of completion of SPSS 26 for Beginners (Arabic) by instructor Mohamed Elsherif on Udemy (3 hours) **(18/07/2022).**
- Certificate of completion of STATA for Beginners (simplified in Arabic) by instructor Mohamed Elsherif on Udemy (3 hours) **(06/12/2021).**
- Training in Mansoura University Children's Hospital.
- Training in Damietta Oncology Center.

### Workshops

- IOP publishing workshop: how to get published in collaboration with Egyptian Knowledge Bank (EKB) **(Sep, 2023).**
- Taylor& Francis group: introduction to the available science & Technology library journals in collaboration with Egyptian Knowledge Bank (EKB) **(Sep, 2023).**
- ProQuest part of Clarivate: Best practice in writing your dissertation or theses in

collaboration with Egyptian Knowledge Bank (EKB) (**Aug, 2023**).

- Practical writing of manuscript introductions, CABI Online-platform webinar series in collaboration with Egyptian Knowledge Bank (EKB) (**Aug, 2023**).
- Open access for Egypt – what you need to know in 2023 from how to publish your article and get funded to nature newly introduced, STDF Nature Research Academies in collaboration with Egyptian Knowledge Bank (EKB) (**Feb, 2023**).
- How to write professional responses to reviewers, CABI Online-platform webinar series in collaboration with Egyptian Knowledge Bank (EKB) (**June, 2022**).

## International Scientific Publication

- **Seif Eldin, W.R.**, Saad, E.A., Monier, A. et al. Association of TERT (rs2736098 and rs2736100) genetic variants with elevated risk of hepatocellular carcinoma: a retrospective case–control study. Sci Rep 13, 18382 (2023).  
<https://doi.org/10.1038/s41598-023-45716-w>.

**Name of journal:** Scientific Reports.

**Impact factor:** 4.99

**Cite Score:** 7.5