

Personal Information:

Name: Shaimaa Omar Zayed

Date of Birth: 25/ 3/ 1980

Place of Birth: Giza

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October city- Giza.

Certifications:

- **Basic Certificate in Medical Education (MEDC) (2020)**
- **Certificate of A TO Z Implantology course (ADA, CREP) (2018)**
- **Doctor degree of philosophy in basic dental science (oral pathology) (Ph.D. 2012):**
faculty of Oral & Dental medicine, Cairo university
Doctor degree thesis: Immunohistochemical Expression of Calretinin and Ki-67 in a Comparative Study between the Development of Unicystic Ameloblastoma and Dentigerous cyst (cohort study)
- **Master degree in oral pathology (M.Sc.): September 2009,** faculty of Oral & Dental medicine, Cairo university.
Master thesis: The influence of garlic extract as anticarcinogenic agent on apoptotic potential during oral carcinogenesis in albino rats. (Experimental animal study)
- **Bachelor degree in oral & dental surgery (B.D.S):** May 2002 with **excellence and honor**, faculty of Oral & Dental medicine, Cairo University.
- **EL Orman high school, dokki, Giza. Total score: 99.9%, academic year 1996-1997**

Teaching experience:

- Associate professor of oral & maxillofacial pathology. November 2018- till now, oral pathology department, faculty of dentistry, Cairo University.
- Course director for oral & maxillofacial pathology. International integrated program. Faculty of dentistry. Cairo University (2020 till now).
- Teaching in critical appraisal course for Ph.D. candidates.
- Lecturer of oral & maxillofacial pathology: September 2018 – November 2018, oral pathology department, faculty of dentistry, Cairo university.
- Lecturer of oral pathology: September 2016 – August 2018, oral pathology department, faculty of Oral & Dental medicine, Misr University for Science & Technology.
- Lecturer of oral pathology: January 2016, oral pathology department, faculty of Oral & Dental medicine, **Taibah University, EL Madina Al Monawara, Saudi Arabia.**
- Lecturer of oral pathology: November 2012 -2015, oral pathology department, faculty of Oral & Dental medicine, Cairo University.
- Assistant lecturer of oral pathology: September 2009 till November 2012, oral pathology department, faculty of Oral & Dental medicine, Cairo university.
- Demonstrator of oral pathology: July 2004 till September 2009 , oral pathology department, faculty of Oral & Dental medicine, Cairo university.

Scientific research publications:

1- Sana Maher Hasan aghbari, Shaimaa Omar Zayed, Olfat gamil shaker, & Abdelrahman Ibrahim aboushouk. **Evaluating the role of tissue microRNA-27b as a diagnostic marker for oral lichen planus and possible correlation with CD8.** J Oral Pathol. Med. 48:68–73; 2019.

2-Sana maher hasan aghbari, Soheir Mohamed gaafar, Olfat gamil shaker, Shahira EL ashiry & Shaimaa omar zayed. **Evaluating the accuracy of microRNA27b and microRNA137 as biomarkers as activity and potential malignant transformation in oral lichen planus patients.** Archives of dermatological research, January 2018.

3-Sana maher hasan aghbari, Abdelrahman Ibrahim aboushouk, Olfat gamil shaker, Shahira EL ashiry, Shaimaa omar zayed & Attia Attia **Correlation between tissue expression of microRNA-137 and CD8 in oral lichen planus.** Clinical oral investigations, 1:5, October 2017

4-Shaimaa omar zayed & sherin ali hassan. **Evaluation of effect of garlic on the expression of NF-Kb in DMBA induced oral carcinogenesis in albino rats: AN Animal study.** EDJ, 63, 1:8,2017

5-Nermin R. Amin, Shaimaa omar zayed & Olfat gamil shaker. **Molecular quantification and detection of interleukin-2 by PCR and ISH in oral squamous cell carcinoma in relation to metastasis.** EDJ , 62:(2071-2077), 2016

6-Nermin M. Youssif, Sami sadek, sherin ali hassan & shaimaa omar zayed. **evaluation of injectable vitamin C as depigmenting agent in physiological melanin hyperpigmentation : A randomized clinical trial.** Egyptian dental journal, 61, 5545:5554, October, 2015

7-Shaimaa omar zayed, Reham S. Hamed & Usama A. ELDakrory. **Investigation the Cytotoxicity and Apoptosis of Aannonaceae plant and 5FU Nanoparticles against Tongue Squamous Cell carcinoma Cell Lines (SSC-25) . .** Egyptian dental journal, 64, 659-669, October 2018.

8- Shaimaa omar zayed, Reham S. Hamed & Usama A. ELDakrory.

Comparative study of the anti-proliferative and apoptotic effect of *beet root*, silica loaded nanoparticles with 5FU Nanoparticles against Scc-090 cell lines. Egyptian dental journal, 41, 671-681 , October, 2018.

9- Shaimaa omar zayed, Reham S. Hamed **Comparing Effect of Annonaceae & Emetine Nanoparticles on NFκB p65 Pathway In Tongue Squamous Cell Carcinoma.** Egyptian dental journal, 41, vol. 67, No.3, 2021.

10- Nihal kabel; Shaimaa O. Zayed; Hoda K. Shamloula & Ghada M. Mahmoud

Correlation between degree of pulp inflammation and success rate of MTA pulpotomy in primary teeth: Prospective Cohort Study. Egyptian dental journal, 41, vol. 67, 2021.

Related experience:

Attended the following courses:

- 1- *Nature research academies* workshops (research methodologies, journal editor, science communication science, pre-submission strategies)
- 2- Faculty Program & course design
- 3- Syllabus course design
- 4- Bio-statistic analysis in medical research
- 5- Conference organization
- 6- International publishing of scientific research
- 7- Code of ethics
- 8- Time & meeting management
- 9- The credit hour system
- 10- Use of technology in teaching
- 11- Effective presentation skills
- 12- Competing for research funds
- 13- Quality standards in teaching
- 14- Effective teaching skills
- 15- Exams and student evaluation system
- 16- Team work management
- 17- Arabic and English editing workshop
- 18- Creative thinking
- 19- Course of immunohistochemistry and tumor markers: oral pathology department, faculty of Oral & Dental medicine, Cairo University.

Clinical Experience:

Practicing as endodontic and restorative consultant in dental clinic:

- **Founder and partner at *I DENT- ORAL CLINIC*, march 2019 till now**
- **Out- patient clinic at *Souad Kafafy Hospital* ,2016- 2019, 6 October, Giza.**
- ***EL MOSTAFA DENTAL CENTER* 2004 till 2011, Aharam St. Giza.**
- ***DAR EL ASNAN DENTAL CENTER* 2002 till 2005, Aharam St. Giza.**

Supervisor on Thesis for postgraduate candidates:

- Evaluation of injectable vitamin C as a depigmenting agent in physiologic gingival melanin hyperpigmentation: A randomized clinical trial.
- Detection of D2-40 expression in oral squamous cell carcinoma (metastatic and non-metastatic cases).
- Evaluation of podoplanin expression in malignant salivary gland neoplasms and its relation to metastasis.
- Evaluating the accuracy of microRNA27b and microRNA137 as biomarkers as activity and potential malignant transformation in oral lichen planus patients.
- Assessment of the Apoptotic Effect of Pumpkin Seed Oil (*Cucurbita pepo* L.) Loaded Chitosan Nanoparticles on Tongue Squamous Cell Carcinoma Cell Line (SCC-25): In Vitro study

Member in the following units

- **Control unit of faculty of dentistry (Head of control 4th year international integrated program). (2019 till now)**
- **Quality assurance unit of faculty of oral & dental surgery, Misr University for Science & Technology (teaching strategy committee, technical support committee), 2017-2018.**
- **The Research unit of oral Pathology department, faculty of Dentistry, Cairo University (2012-2015).**

Hobbies

- Cardio sport
- Snorkeling
- Bike riding

Languages

- Arabic- native language
- English – speak fluently and write/read with high proficiency.