

Curriculum vitae

Name: Safa Fathy Abd El Ghani

Occupation: Associate Professor of Oral &
Maxillofacial Pathology, Faculty of Dentistry,
Cairo University.

Nationality: Egyptian

Birth Date: 30 January 1975

Social Status: married to Dr. Tarek Salah El-Din, Associate Professor in Faculty of Engineering, Cairo University. A mother of 2 sons (12years and 10 years).



Educational Background

- ❖ BSC in Oral and dental medicine on May 1998
- ❖ Master Degree in Oral Biology and Pathology on 5/2/2005
- ❖ PHD in Oral Pathology on 19/8/2009

Employment

- ❖ Demonstrator in Oral & Maxillofacial Pathology Department, Cairo University from 17/6/2000 to 5/4/2005.
- ❖ Assistant lecturer in Oral & Maxillofacial Pathology Department, Cairo University from 6/4/2005 to 28/9/2009.
- ❖ Lecturer in Oral & Maxillofacial Pathology Department, Cairo University from 29/9/2009 to 29/3/2015.
- ❖ Associate Professor in Oral & Maxillofacial Pathology Department, Cairo University from 30/3/2015 and till now.

Part time Jobs

- ❖ Lecturer in Misr International University in the academic year 2011/2012.
- ❖ Associate Professor in Modern University of Technology & Information in the academic year 2015/2016 and 2016/2017.
- ❖ Associate Professor in Dentistry Integrated Program, Cairo University in the academic year 2016/2017, 2017/2018 and 2018/2019.
- ❖ Associate Professor in Ahram Canadian University in the academic year 2018/2019.

Training and Capacity Building

- ❖ A training course on **Thinking Skills in Teaching** from 14/12/2004 to 16/12/2004.
- ❖ A training course on **Communication Skills in Teaching** from 23/12/2004 to 23/12/2004.
- ❖ A training course on **Student's Assessment** from 17/8/2009 to 19/8/2009.
- ❖ A training course on **Using Technology in Teaching** from 17/8/2010 to 19/8/2009.
- ❖ A training course on **Competitive research Projects** from 8/3/2010 to 10/3/2010.
- ❖ A training course on **Leading a Research Team** from 15/3/2010 to 17/3/2010.
- ❖ A training course on **International publishing of scientific research** from 3/12/2014 to 4/12/2014.
- ❖ A training course on **Effective presentation skills** from 28/1/2015 to 29/1/2015.
- ❖ A training course on **Meetings & managing time** from 7/2/2015 to 8/2/2015.
- ❖ A training course on **The credit hour systems** from 11/2/2015 to 12/2/2015.
- ❖ A training course on **Strategic planning** from 12/2/2015 to 13/2/2015.
- ❖ A training course on **University code of ethics** from 4/3/2015 to 5/3/2015.

Publication

- ❖ Therapeutic role of soybeans, vitamin c and vitamin k in combination with low intensity laser irradiation in induced osteoporosis in rats. Egyptian Dental Journal, 55:2489-2502, 2009.
- ❖ Comparative study on podoplanin and maspin expression in hyperplasia, dysplasia and squamous cell carcinoma of the oral cavity. Egyptian Dental Journal, 57:3529-3535, 2011.
- ❖ Immunohistochemical expression of c-kit (CD117) protein in salivary gland tumors. Cairo Dental Journal, 28(3):897-905, 2012.

- ❖ Role of Ezrine Protein in the Proliferation and Invasion Activity of Human Oral Squamous Cell Carcinoma. *Journal of Biotechnology Research*; 12: 123-134, 2012.
- ❖ Immunohistochemical expression of claudin-4 in Oral squamous cell carcinoma. *Cairo Dental Journal*, 29(1):127-134, 2013.
- ❖ A Comparartive Study between Oral Squamous Cell Carcinoma and Oral Lichen Planus in Smokers and Non Smokers Using Computerized Nuclear Morphometry. *EDJ*; 59(3):2793-2800, 2013.
- ❖ Molecular Detection of Cancer Stem Cells in Benign and Malignant Ameloblastoma (an immunofluorescent study). *EDJ*; 59(4): 4733-4741, 2013.
- ❖ Detection of Claudin-4 in Salivary Gland Neoplasms (A study utilizing RT-PCR and Immunohistochemistry). *Journal of Oral Pathology and Medicine*; 42: 781-787, 2013.
- ❖ Assessment of DNA Content by Flow Cytometry and Immunohistochemical Expression of BUBR1 in Oral Epithelial Dysplastic Lesions. *EDJ*; 60(2): 1455-1463, 2014.
- ❖ Assessment of Induced Dental Caries Progression in Experimental Rats Following the Application of Low Intensity Laser and Ozone. *EDJ*, 61:317-325, 2015.
- ❖ Immuno-expression of Toll-like receptor-4 and P65 in Low Risk and High Risk Oral Leukoplakia: Comparative Study. *EDJ*, 61, 2015.
- ❖ Immunohistochemical expression of extracellular matrix metalloproteinase inducer (EMMPRIN) and morphometric analysis in adenoid cystic carcinom. *EDJ*, 61:299-305, 2015.
- ❖ The effect of oxidative stress on mitochondrial ultrastructure and immunoexpression of ERK-1 and HIF-1 alpha in oral epithelial dysplasia induced in experimental animals. *EDJ*, 62:765-775, 2016.
- ❖ Correlation between ploidy status using flow cytometry and nucleolar organizer regions in benign and malignant epithelial odontogenic tumors. *Archives of Oral Biology*, 78:94-99, 2017.
- ❖ Gene expression of miRNA-138 and cyclin D1 in oral lichen planus. *Clinical Oral Investigations*, DOI 10.1007/s00784-017-2091-5, 2017.
- ❖ Expression of MSH2 in head and neck lymphomas (A study utilizing immunohistochemistry and Real-time polymerase chain reaction). *J. Med. Sci.*, 18 (3): 108-113, 2018

- ❖ Characterization of Nano-Hydroxyapatite Silica Gel and Evaluation of Its Combined Effect with Solcoseryl Paste on Bone Formation: An Experimental Study in New Zealand Rabbits. Future Dental Journal, 2018.
- ❖ Immunohistochemical expression of octamer-binding protein-4 in oral epithelial dysplasia induced in experimental rats (Animal study). IOSR Journal of Dental and medical sciences, 17(7):94-99, 2018
- ❖ Evaluation of immunohistochemical expression of claudins-1&3 in radicular cyst, odontogenic keratocyst and ameloblastoma. EDJ. 64:281-287, 2018.
- ❖ Comparative histopathological study on the effect of oral and intraperitoneal bisphosphonates in jaw bones of rats. EDJ., 2018.

Participated in Academic Supervision of the following theses

Master Theses

- ❖ Comparative study on podoplanin and maspin expression in hyperplasia, dysplasia and squamous cell carcinoma of the oral cavity.
- ❖ Immunohistochemical profile of cancer stem cells in oral sarcoma.
- ❖ Immunohistochemical expression of c-kit (CD117) protein in salivary gland tumors.
- ❖ Immunohistochemical expression of claudin-4 in oral squamous cell carcinoma.
- ❖ Immunohistochemical expression of EMMPRIN and morphometric analysis in adenoid cystic carcinoma.
- ❖ Assessment of induced dental caries progression in experimental rats following the application of low intensity laser and ozone.
- ❖ Odontogenic myxoma versus soft tissue myxoma: Immunohistochemical study.
- ❖ Comparative histopathological study on the effect of oral and intraperitoneal bisphosphonates in jaw bones of rats.
- ❖ Evaluation of immunohistochemical expression of claudins-1&3 in radicular cyst, odontogenic keratocyst and ameloblastoma.
- ❖ Detection of cancer stem cells in the most common head and neck non-Hodgkin's lymphoma using CD34 (In vitro study).
- ❖ Correlation between ploidy status using flow cytometry and nuclear organizer regions (AgNors) in benign and malignant epithelial odontogenic tumors (Diagnostic accuracy study).
- ❖ Immunohistochemical expression of octamer-binding protein-4 in oral epithelial dysplasia induced in experimental rats (Animal study).
- ❖ Evaluation of anticancer effect of different concentrations of grape seed extract on oral squamous cell carcinoma cell line.

- ❖ The effect of Cisplatin versus Nano-photodynamic Cisplatin on Oral squamous cell carcinoma cell lines (In vitro study) [ongoing research]

PHD Theses

- ❖ Assessment of DNA content by flow cytometry and immunohistochemical expression of BUBR1 in oral epithelial dysplastic lesions.
- ❖ The anti-oxidant and apoptotic effect of pomegranate extract on tongue squamous cell carcinoma cell line (in vitro study).
- ❖ Potential therapeutic effects of induced pluripotent stem cells on induced salivary gland cancer in experimental rats.
- ❖ The expression of the apoptosis-regulating miRNAs 16 and 21 in oral squamous cell carcinoma (in vitro study). [ongoing research]
- ❖ The effect of diode laser biostimulation compared to Teriparatide in induced osteoporosis in rats (Animal Study) [ongoing research]
- ❖ Therapeutic Effect Of Luteolin Natural Extract Versus Its Nanoparticles On Tongue Squamous Cell Carcinoma Cell Lines: In Vitro Study [ongoing research]
- ❖ Assessment of Protein and Molecular Levels of Bmi-1 in Oral Dysplasia and Squamous Cell Carcinoma: A diagnostic accuracy study [ongoing research]
- ❖ The Effect of Doxorubicin Loaded Silica Nanoparticles on the Expression of PARP-1 in Head and Neck Squamous Cell Carcinoma Cell Line. (In Vitro study). [ongoing research]
- ❖ Apoptotic Effect of Crude Scorpion Venom on Head and Neck Squamous Cell Carcinoma Cell Line versus Normal Human Epithelial Cell Line (In-vitro Study) [ongoing research]

Thank you

السيرة الذاتية

الاسم: صفا فتحى عبد الغنى حسن

الوظيفة: أستاذ مساعد بقسم بثنالوجيا الفم و الوجه و الفكين، كلية طب الفم و الأسنان، جامعة القاهرة

الجنسية: مصرية

تاريخ الميلاد: 30/1/1975

الحالة الاجتماعية: متزوجة من دكتور/ طارق صلاح الدين أستاذ مساعد بقسم الرى و الهيدروليكا، كلية الهندسة، جامعة القاهرة. أم لولدين (12 سنوات و 10 سنوات).

المؤهلات العلمية

- ❖ بكالوريوس طب و جراحة الفم و الأسنان بتقدير جيد جدا مع مرتبة الشرف – مايو 1998
- ❖ درجة ماجستير فى بيولوجيا و أمراض الفم – 5/2/2005
- ❖ درجة دكتوراه الفلسفة فى العلوم الأساسية لطب الأسنان فرع/ أمراض الفم- 19/8/2009

التدرج الوظيفى

- ❖ معيدة بقسم بثنالوجيا الفم و الوجه و الفكين اعتبارا من 17/6/ 2000 حتى 5/4/ 2005
- ❖ مدرس مساعد بالقسم اعتبارا من 6/4/ 2005 حتى 28/9/2009
- ❖ مدرس بالقسم اعتبارا من 29 /9/2009 حتى 29/3/2015
- ❖ أستاذ مساعد بالقسم اعتبارا من 30/3/2015 و حتى الآن

أنشطة تدريسية أخرى (بعض الوقت)

- ❖ مدرس بجامعة مصر الدولية فى العام الدراسي 2011/2012
- ❖ أستاذ مساعد بالجامعة الحديثة للتكنولوجيا و المعلومات فى العام الدراسي 2015/2016 و 2016/2017
- ❖ أستاذ مساعد بالبرنامج الدولي كلية طب الأسنان جامعة القاهرة فى العام الدراسي 2016/2017 و 2017/2018 و 2018/2019
- ❖ أستاذ مساعد بجامعة الأهرام الكندية فى العام الدراسي 2018/2019

البرامج التدريبية و بناء القدرات

- ❖ اجتزت برنامج مهارات التفكير فى التدريس الفترة من 14/12/2004 حتى 16/12/2004
- ❖ اجتزت برنامج مهارات الاتصال الفعال فى التدريس الفترة من 21/12/2004 حتى 23/12/2004
- ❖ اجتزت برنامج نظم الامتحانات الفترة من 20/7/2009 حتى 22/7/2009
- ❖ اجتزت برنامج استخدام التكنولوجيا فى التدريس الفترة من 17/8/2009 حتى 19/8/2009
- ❖ اجتزت برنامج مشروعات البحوث التنافسية الفترة من 8/3/2010 حتى 10/3/2010

- ❖ اجتزت برنامج ادارة فريق بحثى الفترة من 15/3/2010 حتى 17/3/2010
- ❖ اجتزت برنامج النشر الدولي للبحوث العلمية من 3/12/2014 حتى 4/12/2014
- ❖ اجتزت برنامج مهارات العرض الفعال من 28/1/2015 حتى 29/1/2015
- ❖ اجتزت برنامج ادارة الوقت و الاجتماعات من 7/2/2015 حتى 8/2/2015
- ❖ اجتزت برنامج نظم الساعات المعتمدة من 11/2/2015 حتى 12/2/2015
- ❖ اجتزت برنامج التخطيط الاستراتيجي من 12/2/2015 حتى 13/2/2015
- ❖ اجتزت برنامج اداب و سلوك المهنة في العمل الجامعي من 4/3/2015 حتى 5/3/2015

النشر العلمى

- ❖ Therapeutic role of soybeans, vitamin c and vitamin k in combination with low intensity laser irradiation in induced osteoporosis in rats. Egyptian Dental Journal, 55:2489-2502, 2009.
- ❖ Comparative study on podoplanin and maspin expression in hyperplasia, dysplasia and squamous cell carcinoma of the oral cavity. Egyptian Dental Journal, 57:3529-3535, 2011.
- ❖ Immunohistochemical expression of c-kit (CD117) protein in salivary gland tumors. Cairo Dental Journal, 28(3):897-905, 2012.
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- ❖ Expression of MSH2 in head and neck lymphomas (A study utilizing immunohistochemistry and Real-time polymerase chain reaction). J. Med. Sci., 18 (3): 108-113, 2018
- ❖ Characterization of Nano-Hydroxyapatite Silica Gel and Evaluation of Its Combined Effect with Solcoseryl Paste on Bone Formation: An Experimental Study in New Zealand Rabbits. Future Dental Journal, 2018.
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- ❖ Comparative histopathological study on the effect of oral and intraperitoneal bisphosphonates in jaw bones of rats. EDJ., 2018.

المشاركة في الاشراف على الرسائل العلمية الآتية:

رسائل الماجستير

- ❖ Comparative study on podoplanin and maspin expression in hyperplasia, dysplasia and squamous cell carcinoma of the oral cavity.
- ❖ Immunohistochemical profile of cancer stem cells in oral sarcoma.
- ❖ Immunohistochemical expression of c-kit (CD117) protein in salivary gland tumors.

- ❖ Immunohistochemical expression of claudin-4 in oral squamous cell carcinoma.
- ❖ Immunohistochemical expression of EMMPRIN and morphometric analysis in adenoid cystic carcinoma.
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- ❖ The effect of Cisplatin versus Nano-photodynamic Cisplatin on Oral squamous cell carcinoma cell lines (In vitro study) [ongoing research]

رسائل الدكتوراة

- ❖ Assessment of DNA content by flow cytometry and immunohistochemical expression of BUBR1 in oral epithelial dysplastic lesions.
- ❖ The anti-oxidant and apoptotic effect of pomegranate extract on tongue squamous cell carcinoma cell line (in vitro study).
- ❖ Potential therapeutic effects of induced pluripotent stem cells on induced salivary gland cancer in experimental rats.
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