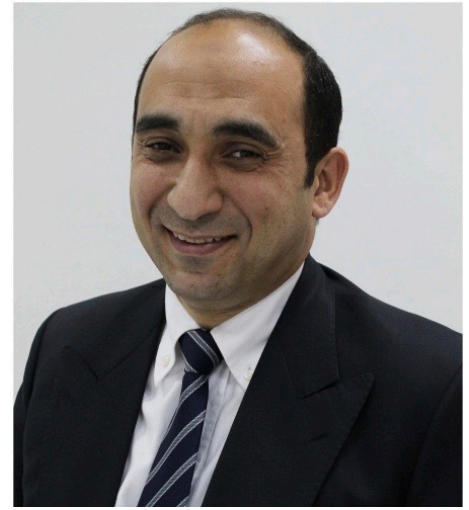


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WORK HISTORY & EXPERIENCE:

09/2016 - Present

Professor of Otorhinolaryngology, Head and Neck Surgery.
Cairo University, National Institute of Laser Enhanced Sciences.

Cairo, Egypt

04/2009 - 04/2010:

Associate Consultant, Otorhinolaryngology, Head and Neck Surgery.
King AbdulAziz Medical City, National Guard Health Affairs.

Riyadh, KSA

11/2010 - 09/2016:

Associate Professor of Otorhinolaryngology, Head and Neck Surgery.
Cairo University, National Institute of Laser Enhanced Sciences.

Cairo, Egypt

02/2004 - 11/2010:

Lecturer in Otorhinolaryngology, Head and Neck Surgery,
Molecular Biology Research Group Leader,
Cairo University, National Institute of Laser Enhanced Sciences.

Cairo, Egypt

09/2002 - 02/2004

Assistant Lecturer of Otorhinolaryngology, Head and Neck Surgery.
Cairo University, National Institute of Laser Enhanced Sciences.

Cairo, Egypt

05/2000 - 11/2000

Otorhinolaryngology, Head and Neck Surgery, Resident.
Hopital Nord, Marseille University Hospitals.

Marseille, France

11/1999 - 05/2000

G.I & Laparoscopic surgery Resident.
Moulins Hospital.

Moulins, France

05/1999 - 11/1999

Otorhinolaryngology, Head and Neck Surgery, Resident.
Gustave Roussy Institute.

Paris, France

11/1998 - 05/1999

Otorhinolaryngology, Head and Neck Surgery, Resident.
Montluçon Hospital.

Montluçon, France

05/1998 - 11/1998

General Surgery & Trauma Resident.
Montluçon Hospital.

Montluçon, France

11/1996 - 05/1998

Otorhinolaryngology, H&N Surgery Resident.
Clermont Ferrand University Medical Center

Clermont Ferrand, France

03/1995 - 02/1996:

Internship, House officer.

Cairo, Egypt

Cairo University Hospitals

General Surgery, Internal Medicine, Pediatrics, Ob/ Gyn, Otorhinolaryngology, Emergency Medicine/
Trauma and Pediatric Orthopedics.

EDUCATION:

◆ **Bachelor of Medicine, Bachelor of Surgery, MB BCh.**

Excellent with Honors.

Cairo University, Egypt, 1988 - 1994.

◆ **Master of Science in Otorhinolaryngology, MSc.**

Cairo University, Egypt, 1996 - 1998.

◆ **Interuniversity Board Certificate of Specialization in Otorhinolaryngology.**

Diplôme Interuniversitaire de Spécialisation en ORL, DIS.

Clermont Ferrand University, France, 1996 - 2000.

◆ **Fellowship in Head and Neck Malignancy.**

Diplome Universitaire de Cancerologie Cervicofaciale, DUCC.

Gustave Roussy Institute & Paris XI University, France, 1999 - 2000.

◆ **Diploma in Applications of Laser in Surgery and Medicine.**

Diplome Universitaire des Lasers Medico-Chirurgicaux, DULMC.

Montpellier University, France, 1999 - 2000.

◆ **Master of Medical and Biological Sciences.**

Maîtrise de Sciences Biologiques et Médicales, MSBM.

Certificate (I) Anatomy and Embryology.

Certificate (II) Radio anatomy.

Clermont Ferrand University, France, 1997 - 1998.

◆ **Master of Advanced Studies in Neuroscience (Sensorial Neurobiology).**

Diplôme d'Etudes Approfondies (DEA), de Neurobiologie des Processus de Communication et d'Intégration.

Montpellier University, France, 2000 - 2001.

RESEACH

11/ 2000 – 11/ 2001:

- ◆ Awarded a grant from the French government to accomplish basic research in Neuroscience, Laboratory of Auditory Neurobiology and Synaptic Plasticity (Pr. Pujol) at the National Institute of Health and Medical Research (INSERM), Montpellier, France.
- ◆ Reserach topic: "The Role of glutamate transporters in cochlear neurotransmission. A Molecular Biologic, Immunocytochemical, Electrophysiological and Electron Microscopic Study".
- ◆ Results presented to the Congress of the Association of Research in Otolaryngology (ARO) in Florida, 2002 and published in the European Journal of Neuroscience, 2003.

11/ 2007 – 07/ 2007:

- ◆ NSF Research Grant nominee
- ◆ Accepted as a Research Fellow at the Department of Otolaryngology – HNS, University of California at San Francisco (UCSF)
- ◆ Research topic, conducted in collaboration with Georgia Institute of Technology, USA: “Early Diagnosis and Treatment of Cancers of the URT using nanotechnologic tools and techniques”.

07/ 2012- 02/ 2016:

- ◆ Principal investigator, project: “Safety and Efficacy of Locally Injected Gold Nanoparticles (GNP) in the Diagnosis and Selective Photothermal Therapy of Chemically Induced Oral Cancer”
- ◆ Funded by the Science & Technology Development Fund (STDF), Egypt.

INTERNATIONAL PUBLICATIONS & PRESENTATIONS:

1- Transoral Laser Microsurgery for Early Glottic Cancer: “Intraoperative Narrow Band Imaging Delineates The Superficial Resection Margins”.

Saleh Hazem, Cesare Piazza, Francesca Del Bon, Luca Guastini, Sabrina Garofolo, Giorgio Peretti.

- Poster presentation: The 5th IFHNOS World Congress 2014 July 26-30, 2014, New York, NY.

- Presentation: 6th Emirates Otorhinolaryngology Audiology and Communication Disorders Congress 2016 (EROOC 2016), 13-17 January, Dubai, UAE.

2- Immunologic changes after Diode Laser Inferior Turbinoplasty in Allergic Rhinitis.

Hazem M.A. Saleh, Dalia R. Ibrahim, Michael I. Michael, Amal M. Kamal, Ahmed M. El-Kharbotly, and Mervate M. Bahgat.

- Publication: Egyptian Journal of Otorhinolaryngology, 2016,

- Presentation: 6th Emirates Otorhinolaryngology Audiology and Communication Disorders Congress 2016 (EROOC 2016), 13-17 January, Dubai, UAE.

3- Subcellular Toxicity of Gold Nanoparticles irradiated with 532 nm Pulsed Laser.

Hazem Saleh, Shaimaa Abdel Hamid, Mohamed Abdel Hamid, Adel Khalil and Tarek Youssef.

- Publication: Photomedicine and Laser Surgery 2014, 32(6): 360-367.

4- Potentiation of Physiotherapy by Low Level laser or Kinesio-Taping for treatment of Cervicogenic Headache.

Hazem Mohamed Saleh, Marina Onsy Fahim Edward, Ahmed Al Farouk Abdel Fattah, Mohamed Farouk Ali.

- Publication: Egypt J Otolaryngol. 2016 32:248–254 4

5- Laser-induced modifications of gold nanoparticles and their cytotoxic effect.

Abdelhamid S, Saleh H, Abdelhamid M, Gohar A, Youssef T.

- Publication: J Biomed Opt. 2012 Jun;17(6):068001.

6- Image guided endoscopic repair of CSF rhinorrhea by the “Bath plug” grafting technique.

Hazem Saleh and Sameer Al Bahkaly.

- Publication: The Laryngoscope 2011, Volume 121, Issue 5, Pages: 909–913,

7- Herpes Virus Reactivation by Low-Intensity Diode and CO2 Lasers

Hazem Mohammad Saleh, Ahmed Samir Shaker, Ali Mohamed Saafan, and Adel Khalil Ibrahim.

- Publication: Photomedicine and Laser Surgery, 2011 Feb; 29(2):83-90.
- Presentation: 1st Congress of the CE ORL- HNS, Barcelona 2011.

8- Excision Biopsy of Tongue Lesions by Diode Laser.

Hazem Mohammad Saleh and Ali Mohammad Saafan.

- Publication: Photomedicine and Laser Surgery, 2007, Volume 25, Number 1, 43-47.
- Poster Presentation: Congrès Français d'ORL, Paris 2005.

9- Glutamate Transporters in the Guinea Pig Cochlea: Partial mRNA sequences, Cellular expression and Functional Implication.

G. Rebillard; J. Ruel; R. Nouvian; H. Saleh; R. Pujol; G. Devau; JL Puel.

- Publication : European J. of Neuroscience, 2003, Vol., 17, pp. 1-10.
- Poster Presentation: Congress of the Association of Research in Otolaryngology (ARO). Florida 2002.

10- Laryngeal Chondrosarcoma. Report of Five Cases.

H Saleh, C. Guichard, M. Russier, JL Kémény, L. Gilain;

- Publication: Europ Arch Otolaryngol 2002; 259,4, 211-216
- Poster Presentation:
 - Second Congress of the European Laryngology Society (ELS), Roma. 1998.
 - Journées Multirégionales d'ORL, Montpellier 1998

11- Nasal Concentration of Soluble ICAM-1 in Allergic Rhinitis.

L. Gilain; C. Guichard; C. Beaujon; E. Monneyron; H. Saleh; D. Advenier; D. Caillaud.

- Publication: Ann Otolaryngol Chir Cervicofac, 2000, 117,21,91-97.

12- Invasive Pseudotumors of the Neck and Skull Base: An important Differential Diagnosis of Neoplastic lesions.

Hazem Saleh, Ivan El-Sayed, Christine Glastonbury and Andrew Horvai.

- Poster Presentation: 7th International Conference on Head and Neck Cancer, San Francisco, July 2008.

13- Prospects of Molecular Imaging and Targeted Therapy in Laryngeal Malignancies using Gold Nanoparticles.

Hazem M. Saleh and Ivan H. El-Sayed.

- Presentation: XVI Annual PVSF/UCLA Voice Conference "Technology & Controversies in Clinical Voice Care". October 25-27, 2007.

14- Size and Shape Related Effect on Plasmonic Gold Absorption: Applications in Molecular Imaging and Cancer Therapy

Ivan El-Sayed, Hazem Saleh and Xiaohua Huang,

- Poster Presentation: - 2nd International congress of Nanobiotechnology and Nanomedicine, San Francisco, June 2007.
- Biovision, Alexandria, April 2008.

15- NO (Nitric oxide) in the Nose and Paranasal Sinuses.

H. Saleh; C. Guichard; D. Caillaud; L. Gilain.

- Poster Presentation : Congrès Français d'ORL, Paris 1999

16- Role of auditory protection in idiopathic sudden hearing loss.

T. Mom; H. Saleh; P. Bonfils; D. Advenier; S. Boudet; P. Belveze; P. Avan; L. Gilain.
- Presentation: Congrès Français d'ORL, Paris 1999.

17- Eosinophilia and ECP nasal levels in nasal polyps.

C. Guichard; J.L. Kémény; H. Saleh; D. Caillaud; L. Gilain.
- Presentation: I.C.A.I.C.I., Cancun 1997.

18- Assessment of postoperative pain in Oncologic Head and Neck Surgery,

P. Bost; T. Mom; F. Commun; E. Albuisson; JE Bazin; C. Guichard; H. Saleh; L. Gilain.
- Presentation: Congrès ORL des Pays Francophones. Beyrouth, 1997.

19- Differential diagnosis of a parapharyngeal mass. A case of internal carotid aneurysm.

C. Guichard; J. Gabrillargues; P. Bost ; S. Boudet ; JP Sannajust ; H. Saleh ; T Mom ; L. Gilain.
- Poster Presentation: Congrès Français d'ORL, Paris 1997.

20- Bacteriology of nosocomial maxillary sinusitis in a Medical ICU.

T. Mom; B. Souweine; N. Perez; L. Bret; P. Bost; C. Guichard; S. Boudet; H. Saleh; J.P Sannajust; E. Fargeix; L. Boyer; L. Gilain.
- Presentation: Congrès Français d'ORL, Paris 1997.

BOOK CHAPTERS / CO- AUTHOR:

1- Neurosurgical complications, Complications in Head And Neck Surgery, by David Eisele, Richard Smith (Eds), MOSBY ELSEVIER 2008.

2- Safety Considerations of Magnetic Nanoparticles, Magnetic Nanoparticles - From Fabrication to Clinical Applications, by Nguyen Thanh (Ed.) Taylor & Francis 2012.

SCIENTIFIC MEETINGS & CONFERENCES:

- ◆ Laser in Laryngology day, 9th Emirates Otorhinolaryngology Audiology and Communication Disorders Congress 2019 (EROCC 2019), 16-19 January 2019, Dubai, UAE (Chairperson, Invited Guest Speaker).
- ◆ 15th Annual Meeting of ENT Department, Kasr El Ainy Faculty of Medicine, Cairo University, 5th-7th April, 2018 (Chairperson)
- ◆ The First Egyptian German Workshop on Laser in Laryngology, Cairo University, 13-14 January 2017 (Organizer).
- ◆ 20th Annual National Conference of Otolaryngology & Head & Neck Surgeons of Oman, Muscat, Nov. 10-11, 2017 (Invited Guest Speaker).
- ◆ Otology On the Nile: 2014, 2015, 2016, 2016, 2017, 2018, 2019 (Moderator, Invited Speaker).
- ◆ Rhino Egypt: 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020 (Invited speaker).
- ◆ International Conference of Nanomedicine in Cancer, Faculty of Medicine, Alexandria University, December 2010 (Head of Scientific Committee, Invited Speaker).

TEACHING DUTIES & ADMINISTRATIVE EXPERIENCE:

- 1- Program coordinator of Laser Applications in Otorhinolaryngology for the Diploma degree. National Institute of Laser Enhanced Sciences. Cairo, Egypt.
- 2- Course coordinator of Nanomedicine for the PhD degree. National Institute of Laser Enhanced Sciences. Cairo, Egypt.
- 3- Post graduate teaching, Research Methodology for the Master degree. National Institute of Laser Enhanced Sciences. Cairo, Egypt.
- 4- International Relations Coordinator, National Institute of Laser Enhanced Sciences. Cairo, Egypt
- 5- Post graduate teaching, Molecular Biology. National Institute of Laser Enhanced Sciences. Cairo, Egypt
- 6- Organizer and Supervisor of an intensive preparatory course for Egyptian medical graduates intending to sit the French Residency "Medical Internat " exam.
- 7- Course Co-director, Voice Surgery Course. Riyadh, KSA, November 2009.
- 8- Course Co-director, Laser in Otolaryngology course. Riyadh, KSA, January 2010.

PROFESSIONAL ORGANIZATIONS, ASSOCIATIONS & SOCIETIES MEMBERSHIPS:

- 1- The Egyptian Society of Otorhinolaryngology, Head and Neck Surgery.
- 2- The American Head and Neck Society.
- 3- The French Society of Otorhinolaryngology Cervicofacial Surgery.

AWARDS:

◆ **Maître ès Sciences Médicales in Otolaryngology, Head and Neck Surgery. 2003:**

Title offered to Medical Doctors, upon a Ministerial Decree, from the French Minister of Higher Education, after a scientific jury proposal. The candidate must have undergone postgraduate theoretical and clinical studies and training in the mentioned specialty equivalent to those accomplished by French counterparts. He must also provide evidences of outstanding scientific achievements in the form of publications in respectable medical journals.

◆ **Grant from the American Academy of Otolaryngology–Head & Neck Surgery. June, 2007:**

International travel grant to attend the 111th congress of the American Academy of Otolaryngology – Head and Neck Surgery, Washington DC in September 2007.

◆ **Best Research Award: 6th Emirates Otorhinolaryngology Audiology and Communication Disorders Congress 2016 (EROC 2016), 13-17 January, Dubai, UAE.**

LANGUAGES:

- Fluent in spoken and written Arabic, English and French.
- German: level G5, Goethe Institute.

PERSONAL & MARITAL STATUS:

- **D.O.B:** August, 6th 1970.
- **Citizenship:** Egyptian.
- **Marital Status:** Married, 3 Children.

Hobbies

- ◆ Jogging,
- ◆ Tennis
- ◆ Reading

REFERENCES:

1- David W. Eisele, MD, FACS

Professor & Director, The Johns Hopkins Department of Otolaryngology-Head and Neck Surgery.
Andelot Professor of Laryngology and Otology.
Johns Hopkins Outpatient Center.
601 North Caroline Street, 6th Floor.
Baltimore, MD 21287

Phone: (410) 955-1654
Fax: (410) 614-8610
Email: deisele1@jhmi.edu

2- Patrick Marandas, M.D., PhD.

Professor & Chairman, Department of Head and Neck Surgery.
Gustave Roussy Institute.
39, rue Camille Desmoulins
94805 Villejuif- France.

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Fax: + 33 1 42 1153 24
Email: marandas@igr.fr

3- Thierry Mom, M.D, PhD.

Professor, Department of Otolaryngology- Head and Neck Surgery.
Clermont Ferrand University Hospital.
28, Place Henri Dunant.
63003 Clermont Ferrand, France.

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Fax: + 33 4 73 751 682
Email: tmom@chu-clermontferrand.fr