

**Margulis Ariel MD MSc**

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Date & Place of Birth: 10/02/1972 Buenos Aires, Argentina

Military Service- Israeli Defense Forces (IDF): 1991-1994

Lieutenant in service.

Spoken Languages: Hebrew, English, Spanish

**Education:**

2/2013 Functional endoscopic sinus surgery course , Tel Aviv university , Sackler faculty of medicine.

7/2011 GCP – Good clinical Practice course – IMA ( Israeli Medical association )

2006-2013 ENT Internship, Meir Medical Center, Kfar - Saba, Israel

2007-2013 Post graduate studies in Head and Neck, Otorhinolaryngology, Sackler faculty of medicine, Tel Aviv university, Tel Aviv, Israel.

2000-2006 Medical Doctor – Ben Gurion university , Goldman faculty of medicine, Beer-Sheva ,Israel.

1997-2000 B.A Molecular Biology and Biochemistry- Ben Gurion university, Department of Life Sciences, , Beer-Sheva ,Israel.

2000-2003 MSc Neurobiology, Ben Gurion university, Goldman faculty of medicine, Beer-Sheva ,Israel

2003-2006 PhD Neurobiology - Reciprocal regulation of synaptic zinc and ZnT-1 in the mouse olfactory bulb

**Professional Experience:**

2008-2013 Residency in Otolaryngology - head and neck surgery at the Meir Medical Center, Kfar Saba, Israel.

2009- 2011 Pathology-Endocrine monthly Tumor board meeting clinical Director, Meir Medical Center, Kfar- Saba, Israel.

2011- 2013 Chief resident, Department of Otolaryngology, Head and Neck surgery, Meir Medical Center, Kfar Saba, Israel.

2012-Present ENT Consultant ,Regional clinic , Ramat -Gan , Israel

2010-2014 Entrepreneur and Inventor– Medical device Industry, Project at Mor Research Applications (Clalit Health Services Inc)

2014- Present MIMS (Minimally Invasive Myringoplasty Surgery) Clinical director.

### **Teaching Experience:**

2008-2012 Tutor of the 6th year students in Otolaryngology, Sackler Faculty Of Medicine, Tel Aviv university. Tel Aviv. Israel

2009-2011 Lecturer of Nursing school in Otolaryngology Faculty of Medicine, Nursing school Meir Hospital, Tel Aviv university.

### **Scientific and Professional Publication**

1. Clioquinol effects on tissue chelatable zinc in mice. Yuval B. Nitzan<sup>1, 2</sup>, Israel Sekler<sup>2</sup> , Christopher J. Frederickson<sup>3</sup>, Douglas A. Coulter<sup>4</sup>, Rengarajan V. Balaji<sup>3</sup>, Shu-Ling Liang<sup>4</sup>, Ariel Margulis<sup>1</sup>, Michal Hershinkel<sup>1</sup> and William F. Silverman<sup>1</sup>. 1: J Mol Med. 2003 Oct; 81(10):637-44. Epub 2003 Aug 19.

2. Distribution of the zinc transporter ZnT-1 in comparison with chelatable zinc in the mouse brain. Sekler I, Moran A, Hershinkel M, Dori A, Margulis A, Birenzweig N, Nitzan Y, Silverman WF. J Comp Neurol. 2002 Jun 3; 447(3):201-9.

3. .Reciprocal regulation of synaptic zinc and ZnT-1 in the mouse olfactory bulb- Master thesis- 2004 September. BGU- medical library.

4. Functional Regulation of Zinc and the Zinc Transporter, ZnT-1, Zlotowski Center for Neuroscience, Departments of Morphology and 2Physiology. Conference presentation – Jerusalem October 2002.

5. Olfactory bulb organotypic culture – An in vitro neuronal zinc signaling model- Zlotowski Center for Neuroscience- Conference presentation - Arhaus, Denmark- June 2004.

6. The effect of intraoperative steroids on post tonsillectomy bleeding retrospective analysis - In progress

7. Yael Garti-Gross, Ariel Margulis, Yair Levy, Dan Nabrisky, Dov Ophir, Pnina Rotman-Pikielny Parathyroid Surgery: Preoperative Localization Studies in Correlation with the Surgical Outcome – Eight Years Experience In a Single Medical Center.

## **ACTIVE PARTICIPATION IN SCIENTIFIC MEETINGS**

2008 The Annual Conference of the Israeli Society of Otorhinolaryngology & Head and Neck Surgery, Zefat, Israel

2008 The Annual Meeting of the Israel Society of Otorhinolaryngology & Head and Neck Surgery, Eilat, Israel

2009 The Annual Meeting of the Israel Society of Otorhinolaryngology & Head and Neck Surgery, Eilat, Israel

2010 The Annual Meeting of the Israel Society of Otorhinolaryngology & Head and Neck Surgery, Eilat, Israel

2010 The Annual Conference of the Israeli Society of Otorhinolaryngology & Head and Neck Surgery, Zefat, Israel

2011 Israel Oto-neurology Society Meeting, Asaf Harofe Hospital, Israel

2011 The Annual Conference of the Israeli Society of Otorhinolaryngology & Head and Neck Surgery, Jerusalem, Israel

2012 The Annual Meeting of the Israel Society of Otorhinolaryngology & Head and Neck Surgery, Eilat, Israel.

2013. The Annual Meeting of the Israel Society of Otorhinolaryngology & Head

and

Neck Surgery, Eilat, Israel

2014. The Annual Meeting of the Israel Society of Otorhinolaryngology & Head and Neck

Surgery, Eilat, Israel.

2014. The 25th Congress of the European Rhinologic Society, Amsterdam, Holland, Guest speaker.

2014. Congress of the Israeli Rhinologic Society, Kfar Blum, Israel. Guest speaker

2015. The Annual Meeting of the Israel Society of Otorhinolaryngology & Head and Neck Surgery, Eilat, Israel.

2015. Congress of the Israeli Rhinologic Society, Kfar Blum, Israel

## **MEMBERSHIP IN PROFESSIONAL SOCIETIES**

2006 -Present            Israeli Society of Otorhinolaryngology, Head and Neck  
surgery

2006-Present        Israeli Society for Surgery and Oncology of the head and neck

2012-Present        Israeli Society for Rhinology.

2015- Member Israeli forum of rhinology.