

SEAN DAVID PALACIOS, M.D., F.A.C.S.

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Education and Training

Diplomat of the American Board of Otolaryngology –Head and Neck
Surgery-Dual Board Certified

Fellow of the American College of Surgeons

Otologist/Neurotologist/Otolaryngologist
Medical Director
Nevada Ear and Sinus Institute
4275 South Burnham Avenue
Las Vegas, NV 89119
December 2011-Present

Otologist/Neurotologist/Otolaryngologist
Nevada Eye and Ear
2598 Windmill Parkway
Henderson, NV 89074
November 2008 – November 2011

Otology/Neurotology/Skull Base Surgery Fellow
University of California, San Diego
200 West Arbor Drive
San Diego, CA 92103
July 2006-June 2008

Otolaryngology/Head and Neck Surgery Resident
University of California, San Diego
200 West Arbor Drive
San Diego, CA 92103
July 2002-June 2006

Surgical Internship
University of California, San Diego
200 West Arbor Drive
San Diego, CA 92103
January 2002-June 2002

Surgical Internship
University of California, San Francisco-East Bay
1411 East 31st Street
Oakland, CA 94602
June 2001-December 2001

National Institutes of Health Postdoctoral Research Fellow
University of California, San Diego School of Medicine
Department of Head and Neck Surgery
Principal Investigator: Allen F. Ryan, Ph.D.
July 1999 - June 2001

Doctor of Medicine
University of Nevada School of Medicine (UNSOM)
Reno, NV 89557
August 1995 - May 1999

Bachelor of Science
University of Nevada at Las Vegas (UNLV)
Las Vegas, NV 89154
Major: Biological Sciences
Minor: Chemistry
August 1991 - December 1994

Honors and Awards

Association for Research in Otolaryngology Resident Research Travel Award (2001)[#]
Triologic Society Western Section Resident Research Travel Award (2001)^{*}
National Institutes of Health Postdoctoral Research Trainee Award (1999)
Dean's Honor List, UNLV (1994-1991)
Sunrise Hospital Award for volunteer work in Day Surgery (1994)
Dean's Grant for Academic Excellence, UNLV (1994, 1993)

Research

Publications:

- 1. Growth Factors in the Growth and Differentiation of Middle Ear Mucosa During Otitis Media**
Sean D. Palacios, M.D., Heinz J. Oehl, M.D., Alexander Z. Rivkin, M.D., Kwang Pak, B.S., Allen F. Ryan, Ph.D.
Laryngoscope 111:874-880, 2001.
- 2. Growth Factor and their Receptors in the Middle Ear Mucosa During Otitis Media**
Sean D. Palacios, M.D., Alexander Rivkin, M.D., Thecla Bennett, M.S., Allen F. Ryan Ph.D.
Laryngoscope 112:420-423, 2001.
- 3. NT3 Stimulated Neurite Outgrowth of Spiral Ganglion Neurons is Mediated through the Extracellular Signal Regulatory Kinases (ERK) but not through P38**
Christoph Aletsee, M.D., Andrew Beros, M.D., Sean Palacios, M.D., Kwang Pak, B.S., Allen Ryan, Ph.D.
Journal of Association for Research in Otolaryngology 02:377-387, 2001.
- 4. The effects of Laminin-1 on spiral ganglion neurons are dependent on the MEK/ERK signaling pathway and are partially independent of Ras.**
Christoph Aletsee, Dominik Brors, Sean Palacios, Kwang Pak, Lina Mullen, Stefan Dazert, Allen Ryan
Hearing Research 164:1-11, 2001.

5. **Role of Ras in the Hyperplastic Response of Middle Ear Mucosa During Otitis Media**
Sean D. Palacios, M.D., Alexander Z. Rivkin, M.D., Christoph Aletsee, M.D., Andrew Beros, M.D., Allen F. Ryan, Ph.D.
Journal of Infectious Diseases 186:1761-1769, 2002. (Cover)
6. **Role of p38 mitogen-activated protein kinase in middle ear mucosa hyperplasia during bacterial otitis media.**
Palacios SD, Pak K, Rivkin AZ, Kayali AG, Austen D, Aletsee C, Melhus Å, Webster NJG, Ryan AF.
Infection and Immunity 72: 4662-4667, 2004.
7. **Regulation of middle ear mucosal proliferation and apoptosis by receptor activation and signal transduction.**
Ryan AF, Palacios SD, Pak K, Webster NJG.
In D. Lim C. Bluestone, M Casselbrandt (Eds). *Recent Advances in Otitis Media with Effusion*. Kugler, Amsterdam, pp. 112-114, 2005.
8. **Role of Fas Mediated Apoptosis in Otitis Media: Observations in the *lpr/lpr* Mouse.**
Alexander Rivkin, M.D., Sean D. Palacios, M.D., Allen F. Ryan, Ph.D.
Hearing research 207:110-116, 2005.
9. **The Role of Vascular Endothelial Growth Factor (VEGF) during Acute Otitis Media.**
Sean D. Palacios, M.D., Heinz J. Oehl, M.D., Alexander Rivkin, M.D, Allen F. Ryan, Ph.D.
Submitted for publication to *Laryngoscope*.
10. **Bilateral osteomas of the internal auditory canal presenting with bilateral pulsatile tinnitus.**
Sean D. Palacios, M.D., Sumana Jothi, M.D., Joni K. Doherty, M.D., Ph.D.
Submitted for publication to *ENT Journal*.
11. **Hearing Restoration Following Resection of Cerebellopontine Angle Meningiomas.**
Sean D. Palacios, M.D., Thomas Alexander, M.D., Bill Mastrodimos, M.D., Roberto Cueva, M.D.
Submitted to *Otology and Neurotology*.
12. **Carotid Artery-Cochlear Dehiscence: A Review**
Alexander Lund, OMS IV, Sean D. Palacios, MD, FACS
Laryngoscope 121(12):2658-60, 2011.
13. **Idiopathic Sudden Sensorineural Hearing Loss Recovery After Intratympanic Dexamethasone Injection: 4mg vs 10 mg.**
Alexander Lund, OMS IV, Thomas Alexander, MD,
Submitted for publication to *Otology and Neurotology*

Presentations:

- 1. Idiopathic Sudden Sensorineural Hearing Loss Recovery After Intratympanic Dexamethasone Injection: 4mg vs 10 mg.**
Alexander Lund, OMS IV, Thomas Alexander, MD,
Scheduled for presentation at 2011 Politzer Society Meeting, Athens, Greece.
- 2. Restoration of Hearing Following CPA Meningioma Resection.**
Sean D. Palacios, M.D., William Mastrodimos, M.D., Roberto Cueva, M.D.
Presented at COSM Annual Meeting 2008.
- 3. Growth Factors in the Growth and Differentiation of Middle Ear Mucosa During Otitis Media**
Sean D. Palacios, M.D., Heinz J. Oehl, M.D., Alexander Z. Rivkin, M.D.,
Kwang Pak, B.S., Allen F. Ryan, Ph.D.
Presented at Triologic Society 2001 Annual meeting
- 4. Role of Ras in the Hyperplastic Response of Middle Ear Mucosa During Otitis Media**
Sean D. Palacios, M.D., Alexander Z. Rivkin, M.D., Christoph Aletsee, M.D.,
Andrew Beros, M.D., Allen F. Ryan, Ph.D.
Presented at the Association for Research in Otolaryngology 2001 winter meeting.
- 5. Growth Factors and their Receptors in the Middle Ear Mucosa During Otitis Media***
Sean D. Palacios, M.D., Alexander Z. Rivkin, M.D., Thecla Bennett, M.S.,
Christoph Aletsee, M.D., Allen F. Ryan, Ph.D.
Presented at the Triologic Society 2001 Western Section.
- 6. The Influence of VEGF and FGF-1 on the Middle Ear Mucosa**
Alexander Z. Rivkin, M.D., Sean D. Palacios, M.D., Heinz Oehl, M.D., Allen F.
Ryan, Ph.D.
Presented at the Triologic Society 2001 Western Section.
- 7. Fas Mediated Apoptosis in Otitis Media: Observations in the *lpr/lpr* Mouse[#]**
Alexander Rivkin, M.D., Sean D. Palacios, M.D., Allen F. Ryan, Ph.D.
Presented at the Association for Research in Otolaryngology 2001 winter meeting.
- 8. Role of P38 in the Hyperplastic Response of Middle Ear Mucosa During Otitis Media**
Alexander Z. Rivkin, M.D., Sean D. Palacios, M.D., Allen F. Ryan, Ph.D.
Presented at the Triologic Society 2001 Annual meeting.
- 9. NT3 Stimulated Neurite Outgrowth of Spiral Ganglion Neurons is Mediated through the Extracellular Signal Regulatory Kinases (ERK) but not P38.**
Christoph Aletsee, M.D., Andrew Beros, M.D., Sean Palacios, M.D., Kwang Pak, B.S., Allen Ryan, Ph.D.
Presented at the Association for Research in Otolaryngology 2001 winter meeting.
- 10. The Role of Fas Mediated Apoptosis in Otitis Media: Observations in the *lpr/lpr* Mouse**
Alexander Rivkin, M.D., Sean D. Palacios, M.D., Allen F. Ryan, Ph.D.
Presented at the 2000 Bay Area Resident's Research Conference.

11. The Role of Vascular Endothelial Growth Factor (VEGF) during Acute Otitis Media

Heinz J. Oehl, M.D., Alexander Rivkin, M.D., Sean D. Palacios, M.D., Allen F. Ryan, Ph.D.

Presented at the 7th Congress of the European Foundation of Otorhinolaryngology Society 2000.

Volunteer Activities

Harapan Jayakarta Pediatric Clinic - Jakarta, Indonesia, Asia (1996)
Perhati Head and Neck Surgery Hospital - Jakarta, Indonesia, Asia (1996)
Clinica Latinamericana, Department of Surgery - Cuenca, Ecuador, South America (1995)
Measles Vaccinations for fifth and sixth graders - Cuenca, Ecuador, South America (1994)
Day Surgery, Sunrise Hospital (1993-1994)

Memberships and Activities

Fellow of the American College of Surgeons
American Neurotology Society, Member Trainee
Triological Society, Post-Graduate Member
American Academy of Otolaryngology
Association for Research in Otolaryngology
American Medical Association

Current Research Projects

Hearing Restoration Status Post CPA Meningioma Resection.
Surgical Excision vs Gamma Knife Radiosurgery of Acoustic Neuromas:
Disease Control and Patient Quality of Life

Certification and Licensure

National Board of Medical Examiners, Part I
National Board of Medical Examiners, Part II
National Board of Medical Examiners, Part III
Physician and Surgeon License, State of California, State of Nevada
Certified, American Board of Otolaryngology
Certified, Neurotology, American Board of Otolaryngology

Courses

University of South Florida Skull Base Drilling Course – 2006
ANSPACH Skull Base Drilling Course – 2006
Medtronic Skull Base Drilling Course – 2007
House Ear Institute Cochlear Implant Course - 2007

Employment

Otology/Neurotology/Skull Base Surgeon-Otolaryngology-Head and Neck Surgeon (2008-present)
Otology/Neurotology/Skull Base Surgery Fellow UCSD (2006-2008)

Otolaryngology/Head and Neck Surgery Resident UCSD (2002-2006)
Surgical Intern – UCSD (2002)
Surgical Intern – UCSF-East Bay (2001)
Post Doctoral Research Fellow - UCSD-SOM (1999-2001)
Comparative Vertebrate Anatomy Laboratory Instructor
- UNLV Department of Biological Sciences (1994)

Personal Information

Born: August 15, 1973
Place of birth: Las Vegas, NV
Ethnicity: Hispanic
Languages: English, Spanish
Marital Status: Married
Interests: World Travel, Mountaineering, SCUBA Diving, Mountain
Biking, Volleyball, Water Skiing, Surfing