

Hessam Siavash, DDS, MD, PhD

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EDUCATION

Medical School (MD)
University of Maryland, School of Medicine

Dental School (DDS)
Baltimore College of Dental Surgery
University of Maryland

Doctor of Philosophy (PhD)
Molecular and Cell Biology
University of Maryland, Graduate School

TRAINING

Residency in Oral and Maxillofacial Surgery
University of Maryland and R. Adams Cowley Shock Trauma Center

Internship in General Surgery
University of Maryland and R. Adams Cowley Shock Trauma Center

LICENSURE

California Medical License
California Dental License
California General Anesthesia Permit

PROFESSIONAL AFFILIATION

Diplomate, American Board of Oral and Maxillofacial Surgery
Fellow, American College of Oral and Maxillofacial Surgeons
Fellow, American Association of Oral and Maxillofacial Surgeons

California Association of Oral and Maxillofacial Surgeons
American Medical Association
American Dental Association
California Dental Association

HONORS AND AWARDS

Outstanding Academic Achievement Award
Doctor Henry Hohouser Memorial Scholarship
2006

Maryland Society of Oral and Maxillofacial Surgeons Award
2006

Magna Cum Laude Certificate of Merit
2006

Omicron Kappa Upsilon Honor Dental Society
2006

American Academy of Oral Pathology Award
2006

Leonard Rapoport Memorial Award-for outstanding achievement in
pharmacology
2006

Gorgas Odontological Society
2006

Quintessence Award for Academic Achievement and Research
2006

Doctor John Nespeca Memorial Scholarship in Oral Surgery
2005

Dean's Letter, University of Maryland, Dental School
1999-2006

Recipient of the Ruth L. Kirschstein National Research Service Award for the
Individual Predoctoral Dental Scientist Fellowship
2003 - 2006

Best Basic Science Paper, 6th International Conference on Head and Neck Cancer
2004

Graduate Merit Award, University of Maryland, graduate School
2002

Basic science research on the Biology, Prevention and Treatment of Head and
Neck Cancer
2002

PUBLICATIONS AND PRESENTATION

Presentations

Invited lecturer, American river study club, “Bone Grafting”

Lecturer, Sacramento study club, “ Bisphosphonate related Jaw Disease”

Publications

Ollins GJ, Nikitakis N, Norris K, Hebert C, **Siavash H**, Sauk JJ. The production of the endostatin precursor collagen XVIII in head and neck carcinomas is modulated by the CBP2/Hsp47. *Anticancer Res.* 2002;22:1977-82.

Siavash H, Lopes M, Norris K, Hebert C, Nikitakis NG, Sauk JJ. Inhibition of cysteine proteinases by autolytic digestion is mediated by CBP2/Hsp47. *Connect Tissue Res.* 2002;43:589-94.

Nikitakis NG, **Siavash H**, Hebert C, Reynolds MA, Hamburger AW, Sauk JJ. 15-PGJ₂, but not thiazolidinediones, inhibits cell growth, induces apoptosis, and causes downregulation of Stat3 in human oral SCCa cells. *Br J Cancer.* 2002;87:1396-403.

Nikitakis NG, Rivera H, Lopes MA, **Siavash H**, Reynolds MA, Ord RA, Sauk JJ. Immunohistochemical expression of angiogenesis-related markers in oral squamous cell carcinomas with multiple metastatic lymph nodes. *Am J Clin Pathol.* 2003;119:574-86.

Rivera H, Nikitakis NG, Castillo S, **Siavash H**, Papadimitriou JC, Sauk JJ. Histopathological analysis and demonstration of EBV and HIV p-24 but not CMV expression in labial minor salivary glands of HIV patients affected by Diffuse Infiltrative Lymphocytosis Syndrome. *J Oral Pathol Med.* 2003;32:431-7.

Stewart J, **Siavash H**, Hebert C, Norris K, Nikitakis NG, Sauk JJ. Phenotypic switching of VEGF and Collagen XVIII during hypoxia in head and neck squamous carcinoma cells. *Oral Oncol.* 2003;39(8):862-9.

Siavash H, Nikitakis NG, Sauk JJ. Targeting of epidermal growth factor receptor by cyclopentenone prostaglandin 15-Deoxy- $\Delta^{12,14}$ -Prostaglandin J₂ in human oral squamous carcinoma cells. *Cancer Lett.* 2004;211:97-103.

Siavash H, Nikitakis NG, Sauk JJ. Signal transducers and activators of transcription: Insights into the molecular basis of oral cancer. *Crit Rev Oral Biol Med.* 2004;15:298-307.

Siavash H, Nikitakis NG, Sauk JJ. 15-deoxy- $\Delta^{12,14}$ -prostaglandin J₂ inhibits activation of signal transducer and activator of transcription 3 through downregulation of IL-6/JAK signaling. *Br J Cancer.* 2004;91:1074-8.

Nikitakis NG, **Siavash H**, Sauk JJ. Targeting the STAT pathway in head and neck cancer: Recent advances and future prospects. *Current Cancer Drug Targets.* 2004;8:637-51.

Hebert C, **Siavash H**, Norris K, Nikitakis NG, Sauk JJ. Endostatin inhibits nitric oxide and modulates VEGF and Collagen XVIII in squamous carcinoma cells. *Int J Cancer.* 2005;114:195-201.

Sauk JJ, Nikitakis NG, **Siavash H**. Hsp47 a novel collagen binding serpin chaperone, autoantigen and therapeutic target. *Frontiers in Bioscience.* 2005;10:107-18.