

CURRICULUM VITAE

Joel H. Blumin MD

Chief, Professor
Department of Otolaryngology
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OFFICE ADDRESS:

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EDUCATION:

09/1980 - 06/1983 Culver City High School, Culver City, CA
09/1983 - 06/1987 BS, University of California, Riverside, CA
08/1989 - 05/1993 MD, University of Iowa, Iowa City, IA

POSTGRADUATE TRAINING AND FELLOWSHIP APPOINTMENTS:

06/1993 - 06/1995 Internship, Department of Surgery, UCLA, UCLA Center for Health Sciences, 10833 Le Conte Avenue, Los Angeles, CA 90095
07/1995 - 06/1999 Residency, Department of Surgery, Division of Head & Neck Surgery, UCLA, UCLA Center for Health Sciences, 10833 Le Conte Avenue, Los Angeles, CA 90095
07/1999 - 06/2001 Fellowship - Laryngology, Voice Disorders, & Bronchoesophagology, Department of Surgery, Division of Head & Neck Surgery, UCLA, UCLA Center for Health Sciences, 10833 Le Conte Avenue, Los Angeles, CA 90095
09/2007 - 06/2009 Clinical Research Scholars Program, Cohort V, Medical College of Wisconsin, Medical College of Wisconsin, 8701 Watertown Plank Road, Milwaukee, WI 53223
09/2011 - 03/2012 Teaching Patient Safety and Quality Improvement, Joint Quality Office, Medical College of Wisconsin, 9200 West Wisconsin Avenue, Milwaukee, WI 53226

AWARDS AND HONORS:

1992 Alpha Omega Alpha, Alpha Omega Alpha Honor Medical Society
1999 Travel Award, Western Section of the Triological Society
1999 Resident Teaching Award, UCLA Division of Head & Neck Surgery
1999 Most Outstanding Research Presentation, Paul H Ward Society
2000 Clinical Faculty Teaching Award, UCLA Division of Head & Neck Surgery
2000 Most Outstanding Research Presentation (mentored), Paul H Ward Society
2001 Clinical Faculty Teaching Award, UCLA Division of Head & Neck Surgery
2002 Resident Research Award, American Laryngological Association
2003 - 2005 Best of Philadelphia, Philadelphia Magazine
2006 Most Outstanding Research Presentation (mentored), Wisconsin Society of Otolaryngology Head & Neck Surgery
2006 Faculty Teaching Award, MCW Department of Otolaryngology & Communication Sciences
2007 'Top 10' Journal Reviewer, Otolaryngology-Head & Neck Surgery (Academic Journal)
2007 - Present Best Doctor, Best Doctors in America/The Business Journal
2007 Certificate of Honor, American Academy of Otolaryngology Head & Neck Surgery Foundation
2008 Broyles-Maloney Award for outstanding manuscript, American Broncho-Esophagological Association
2009 Broyles-Maloney Award for outstanding manuscript, American Broncho-Esophagological Association
2009 MCW Outstanding Faculty Service Award, Medical College of Wisconsin Faculty Council
2010 Most Outstanding Research Presentation (mentored), Wisconsin Society of Otolaryngology Head &

Neck Surgery
 2010 - Present Top Doctors, Castle Connolly Medical
 2011 - Present Super Doctor, Key Professional Media & Milwaukee Journal Sentinel
 2012 Performing Outstanding Excellence Together (POET), Froedtert & Medical College of Wisconsin
 Reward & Recognition Committee for Performance Excellence
 2014 - 2015 Top Peer Reviewer - 2014, 2015, The Laryngoscope (Academic Journal)
 2015 'Provider of the Month' February 2015, Froedtert Hospital Extended Recovery Unit (23 hour stay unit)
 2016 Distinguished Service Award, American Academy of Otolaryngology Head & Neck Surgery
 Foundation
 2017 Harris P. Mosher Award - Best Clinical Research (mentor/co-author), American Laryngological,
 Rhinological and Otological Society
 2017 - 2018 MCW Outstanding Medical Student Teacher, Medical College of Wisconsin
 2020 Presidential Citation, American Broncho-Esophagological Association
 2021 Outstanding Faculty Service Award - Nominating Committee, Medical College of Wisconsin - Faculty
 Council
 2023 - 2024 MCW Outstanding Medical School Teacher 2023-2024, Medical College of Wisconsin
 2024 Presidential Citation, American Laryngological Association

MEMBERSHIPS IN HONORARY AND PROFESSIONAL SOCIETIES:

1989 - 2013 American Medical Association (Member)
 1992 - Present Alpha Omega Alpha Honor Medical Society (Life Member)
 1993 - Present Longmire Surgical Society (Member)
 1995 - Present American Academy of Otolaryngology-Head & Neck Surgery (Fellow)
 1999 - 2001 Los Angeles Medical Society (Member)
 2001 - 2005 Pennsylvania Academy of Otolaryngology-Head & Neck Surgery (Member)
 2001 - Present Dysphonia International, formerly known as National Spasmodic Dysphonia Association
 (Medical Advisory Board)
 2001 - 2005 Pennsylvania Medical Society (Member)
 2001 - Present American College of Surgeons (Fellow)
 2001 - 2005 Philadelphia Laryngologic Society (Officer)
 2002 - Present Society of University Otolaryngologists (Member)
 2002 - Present American Broncho-Esophagological Association (Member, Liaison and Associate Editor for
 Laryngoscope)
 2002 - Present The Voice Foundation (Member)
 2005 - 2018 Milwaukee Society for Head & Neck Medicine and Surgery (Past President, Member)
 2005 - Present Greater Milwaukee Chapter of the Voice Foundation (Past President, Founding Member,
 Laryngologist)
 2005 - Present Wisconsin Society of Otolaryngology Head & Neck Surgery (Member, Past Officer (member
 at large))
 2006 - 2019 Wisconsin Speech and Hearing Association (Member)
 2007 - Present American Laryngological, Rhinological and Otological Society aka the Triological Society
 (Fellow)
 2007 - Present European Laryngological Society (Member)
 2008 - 2012 American Laryngological Association (Post Graduate Member)
 2009 - Present American Society of Geriatric Otolaryngology (Member)
 2009 - Present OESO - The esophagus (Member)
 2010 - Present International Association of Phonosurgery (Member)
 2010 - Present Otolaryngology Historical Society (Member)
 2012 - Present American Laryngological Association (Fellow)

BIBLIOGRAPHY

Refereed Journal Publications/Original Papers

1. Hoft DF, Kim KS, Otsu K, Moser DR, Yost WJ, **Blumin JH**, Donelson JE, Kirchhoff LV. Trypanosoma cruzi expresses diverse repetitive protein antigens. Infect Immun. 1989 Jul;57(7):1959-67. PMID: PMC313827
2. Engman DM, Krause KH, **Blumin JH**, Kim KS, Kirchhoff LV, Donelson JE. A novel flagellar Ca²⁺-binding

- protein in trypanosomes. *J Biol Chem*. 1989 Nov 05;264(31):18627-31.
3. **Blumin JH**, Ye M, Berke GS, Blackwell KE. Recovery of laryngeal sensation after superior laryngeal nerve anastomosis. *Laryngoscope*. 1999 Oct;109(10):1637-41.
 4. Berke G, **Blumin J**, Sebastian J, Keller G, Revazova E. Vocal cord augmentation with cultured autologous fibroblasts. *Bull Exp Biol Med*. 2000 Aug;130(8):790-2.
 5. Berke GS, **Blumin JH**. Spasmodic dysphonia: Therapeutic options *Current Opinion in Otolaryngology and Head and Neck Surgery*. 2000;8(6):509-513.
 6. **Blumin JH**, Golsorkhi AA, Feinberg GM, Berke GS. Pathology forum: quiz case 2. Mucoepidermoid carcinoma (intermediate grade) of the trachea. *Arch Otolaryngol Head Neck Surg*. 2001 May;127(5):595, 597-8.
 7. Damrose EJ, Huang RY, **Blumin JH**, Blackwell KE, Sercarz JA, Berke GS. Lack of evoked laryngeal electromyography response in patients with a clinical diagnosis of vocal cord paralysis. *Ann Otol Rhinol Laryngol*. 2001 Sep;110(9):815-9.
 8. Chhetri DK, **Blumin JH**, Shapiro NL, Berke GS. Office-based treatment of laryngeal papillomatosis with percutaneous injection of cidofovir. *Otolaryngol Head Neck Surg*. 2002 Jun;126(6):642-8.
 9. **Blumin JH**, Berke GS. Bilateral vocal fold paresis and multiple system atrophy. *Arch Otolaryngol Head Neck Surg*. 2002 Dec;128(12):1404-7.
 10. Chhetri DK, **Blumin JH**, Vinters HV, Berke GS. Histology of nerves and muscles in adductor spasmodic dysphonia. *Ann Otol Rhinol Laryngol*. 2003 Apr;112(4):334-41.
 11. **Blumin JH**, Pcolinsky DE, Atkins JP. Laryngeal findings in advanced Parkinson's disease. *Ann Otol Rhinol Laryngol*. 2004 Apr;113(4):253-8.
 12. Chhetri DK, Mendelsohn AH, **Blumin JH**, Berke GS. Long-term follow-up results of selective laryngeal adductor denervation-reinnervation surgery for adductor spasmodic dysphonia. *Laryngoscope*. 2006 Apr;116(4):635-42.
 13. Poetker DM, Ettema SL, **Blumin JH**, Toohill RJ, Merati AL. Association of airway abnormalities and risk factors in 37 subglottic stenosis patients. *Otolaryngol Head Neck Surg*. 2006 Sep;135(3):434-7.
 14. Mirasola KL, Braun N, **Blumin JH**, Kerschner JE, Merati AL. Self-reported voice-related quality of life in adolescents with paradoxical vocal fold dysfunction. *J Voice*. 2008 May;22(3):373-8.
 15. Altman KW, Schaefer SD, Yu GP, Hertegard S, Lundy DS, **Blumin JH**, Maronian NC, Heman-Ackah YD, Abitbol J, Casiano RR, Neurology Subcommittees of the American Academy of Otolaryngology-Head and Neck Surgery. The voice and laryngeal dysfunction in stroke: a report from the Neurology Subcommittees of the American Academy of Otolaryngology-Head and Neck Surgery. *Otolaryngol Head Neck Surg*. 2007 Jun;136(6):873-81.
 16. Merati AL, Tseng J, **Blumin JH**, Toohill RJ, Jaradeh S. Comparative neuromuscular histopathology of cricopharyngeal achalasia patients with and without previous botulinum toxin treatment. *Ann Otol Rhinol Laryngol*. 2007 May;116(5):375-80.
 17. Davis MV, Merati AL, Jaradeh SS, **Blumin JH**. Myosin heavy chain composition and fiber size of the cricopharyngeus muscle in patients with achalasia and normal subjects. *Ann Otol Rhinol Laryngol*. 2007 Sep;116(9):643-6.
 18. McMullin BT, **Blumin JH**, Merati AL. Thermal injury to the tongue from an operative laryngoscope. *Otolaryngol Head Neck Surg*. 2007 Nov;137(5):798-802.
 19. Johnston N, Wells CW, **Blumin JH**, Toohill RJ, Merati AL. Receptor-mediated uptake of pepsin by laryngeal epithelial cells. *Ann Otol Rhinol Laryngol*. 2007 Dec;116(12):934-8.
 20. **Blumin JH**, Keppel KL, Braun NM, Kerschner JE, Merati AL. The impact of gender and age on voice related quality of life in children: normative data. *Int J Pediatr Otorhinolaryngol*. 2008 Feb;72(2):229-34.
 21. **Blumin JH**, Merati AL. Laryngeal reinnervation with nerve-nerve anastomosis versus laryngeal framework surgery alone: a comparison of safety. *Otolaryngol Head Neck Surg*. 2008 Feb;138(2):217-20.
 22. Chhetri DK, Merati AL, **Blumin JH**, Sulica L, Damrose EJ, Tsai VW. Reliability of the perceptual evaluation of adductor spasmodic dysphonia. *Ann Otol Rhinol Laryngol*. 2008 Mar;117(3):159-65.
 23. **Blumin JH**, Merati AL, Toohill RJ. Duodenogastroesophageal reflux and its effect on extraesophageal tissues: a review. *Ear Nose Throat J*. 2008 Apr;87(4):234-7.
 24. Merati AL, Keppel K, Braun NM, **Blumin JH**, Kerschner JE. Pediatric Voice-Related Quality of Life: findings in healthy children and in common laryngeal disorders. *Ann Otol Rhinol Laryngol*. 2008 Apr;117(4):259-62.
 25. Samuels TL, Handler E, Syring ML, Pajewski NM, **Blumin JH**, Kerschner JE, Johnston N. Mucin gene

- expression in human laryngeal epithelia: effect of laryngopharyngeal reflux. *Ann Otol Rhinol Laryngol.* 2008 Sep;117(9):688-95.
26. **Blumin JH**, Handler EB, Simpson CB, Osipov V, Merati AL. Dysplasia in adults with recurrent respiratory papillomatosis: incidence and risk factors. *Ann Otol Rhinol Laryngol.* 2009 Jul;118(7):481-5.
 27. Johnston N, Wells CW, Samuels TL, **Blumin JH**. Pepsin in nonacidic refluxate can damage hypopharyngeal epithelial cells. *Ann Otol Rhinol Laryngol.* 2009 Sep;118(9):677-85.
 28. Sajan JA, Kerschner JE, Merati AL, Osipov V, Szabo S, **Blumin JH**. Prevalence of dysplasia in juvenile-onset recurrent respiratory papillomatosis. *Arch Otolaryngol Head Neck Surg.* 2010 Jan;136(1):7-11.
 29. Johnston N, Wells CW, Samuels TL, **Blumin JH**. Rationale for targeting pepsin in the treatment of reflux disease. *Ann Otol Rhinol Laryngol.* 2010 Aug;119(8):547-58.
 30. Bock JM, Brawley MK, Johnston N, Samuels T, Massey BL, Campbell BH, Toohill RJ, **Blumin JH**. Analysis of pepsin in tracheoesophageal puncture sites. *Ann Otol Rhinol Laryngol.* 2010 Dec;119(12):799-805.
 31. Bock JM, **Blumin JH**, Toohill RJ, Merati AL, Prieto TE, Jaradeh SS. A new noninvasive method for determination of laryngeal sensory function. *Laryngoscope.* 2011 Jan;121(1):158-63.
 32. **Blumin JH**, Johnston N. Evidence of extraesophageal reflux in idiopathic subglottic stenosis. *Laryngoscope.* 2011 Jun;121(6):1266-73.
 33. Kelly EA, Badi AN, **Blumin JH**, Poetker DM. Subacute airway obstruction caused by a suprastomal tracheal granuloma following tracheotomy in an adult. *Ear Nose Throat J.* 2011 Sep;90(9):E13-5.
 34. Bock JM, Burtis CC, Poetker DM, **Blumin JH**, Frank MO. Serum immunoglobulin G analysis to establish a delayed diagnosis of chronic cough due to *Bordetella pertussis*. *Otolaryngol Head Neck Surg.* 2012 Jan;146(1):63-7. PMID: PMC3951152
 35. Fulmer SL, Merati AL, **Blumin JH**. Efficacy of laryngeal botulinum toxin injection: comparison of two techniques. *Laryngoscope.* 2011 Sep;121(9):1924-8. PMID: PMC3202690
 36. Zundel MT, Michel MA, Schultz CJ, Maheshwari M, Wong SJ, Campbell BH, Massey BL, **Blumin J**, Wilson JF, Wang D. Comparison of physical examination and fluorodeoxyglucose positron emission tomography/computed tomography 4-6 months after radiotherapy to assess residual head-and-neck cancer. *Int J Radiat Oncol Biol Phys.* 2011 Dec 01;81(5):e825-32.
 37. Bock JM, Van Daele DJ, Gupta N, **Blumin JH**. Management of Zenker's diverticulum in the endoscopic age: current practice patterns. *Ann Otol Rhinol Laryngol.* 2011 Dec;120(12):796-806.
 38. **Blumin JH**, Toohill RJ. Gastroesophageal reflux and laryngotracheal stenosis Effects, Diagnosis and Management of Extra-Esophageal Reflux. *January 2012*:269-275.
 39. Leach ME, **Blumin JH**, He C, Bock JM. Reactive intracordal fibrovascular lesion. *Ear Nose Throat J.* 2012 Feb;91(2):54-6. PMID: PMC3951162
 40. Francis DO, **Blumin J**, Merati A. Reducing fistula rates following laryngotracheal separation. *Ann Otol Rhinol Laryngol.* 2012 Mar;121(3):151-5.
 41. Loehrl TA, Samuels TL, Poetker DM, Toohill RJ, **Blumin JH**, Johnston N. The role of extraesophageal reflux in medically and surgically refractory rhinosinusitis. *Laryngoscope.* 2012 Jul;122(7):1425-30.
 42. Johnston N, Yan JC, Hoekzema CR, Samuels TL, Stoner GD, **Blumin JH**, Bock JM. Pepsin promotes proliferation of laryngeal and pharyngeal epithelial cells. *Laryngoscope.* 2012 Jun;122(6):1317-25. PMID: PMC3816638
 43. Brown JE, **Blumin JH**. Pathology quiz case 2. Disseminated blastomycosis. *Arch Otolaryngol Head Neck Surg.* 2012 Jun;138(6):605-7.
 44. Hoekzema CR, Massey BL, **Blumin JH**, Hunt BC, Bock JM. Dysphagia due to adenoid cystic carcinoma of the base of the tongue. *Ann Otol Rhinol Laryngol.* 2012 Jun;121(6):402-6. PMID: PMC3951153
 45. Bock JM, Petronovich JJ, **Blumin JH**. Massive Zenker diverticulum. *Ear Nose Throat J.* 2012 Aug;91(8):319-20. PMID: PMC3951161
 46. Chhetri DK, **Blumin JH**. Laryngeal reinnervation for unilateral vocal fold paralysis using ansa cervicalis nerve to recurrent laryngeal nerve anastomosis *Operative Techniques in Otolaryngology - Head and Neck Surgery.* September 2012;23(3):173-177.
 47. Varadarajan V, **Blumin JH**, Bock JM. State of the Art of Laryngeal Electromyography Current Otorhinolaryngology Reports. *September 2013*;1(3):171-177.
 48. Kelly EA, Koszewski IJ, Jaradeh SS, Merati AL, **Blumin JH**, Bock JM. Botulinum toxin injection for the treatment of upper esophageal sphincter dysfunction. *Ann Otol Rhinol Laryngol.* 2013 Feb;122(2):100-8. PMID: PMC3951150
 49. Chandrasekhar SS, Randolph GW, Seidman MD, Rosenfeld RM, Angelos P, Barkmeier-Kraemer J,

- Benninger MS, **Blumin JH**, Dennis G, Hanks J, Haymart MR, Kloos RT, Seals B, Schreiberstein JM, Thomas MA, Waddington C, Warren B, Robertson PJ, American Academy of Otolaryngology-Head and Neck Surgery. Clinical practice guideline: improving voice outcomes after thyroid surgery. *Otolaryngol Head Neck Surg*. 2013 Jun;148(6 Suppl):S1-37.
50. Harding SM, Allen JE, **Blumin JH**, Warner EA, Pellegrini CA, Chan WW. Respiratory manifestations of gastroesophageal reflux disease. *Ann N Y Acad Sci*. 2013 Oct;1300:43-52.
 51. Gooi Z, Ishman SL, Bock JM, **Blumin JH**, Akst LM. Laryngopharyngeal reflux: paradigms for evaluation, diagnosis, and treatment. *Ann Otol Rhinol Laryngol*. 2014 Oct;123(10):677-85.
 52. Bock JM, Koszewski IJ, **Blumin JH**, Toohill RJ, Merati AL, Prieto TE, Jaradeh SS. Surface-evoked laryngeal sensory action potential evaluation in neurogenic chronic cough. *J Voice*. 2014 Sep;28(5):624-30.
 53. Leschke TM, **Blumin JH**, Bock JM. Diagnosis and laryngeal complications of Bordetella pertussis infection in the ambulatory adult population. *Otolaryngol Head Neck Surg*. 2014 Nov;151(5):714-7.
 54. Lee SH, Samuels T, Bock JM, **Blumin JH**, Johnston N. Establishment of an immortalized laryngeal posterior commissure cell line as a tool for reflux research. *Laryngoscope*. 2015 Feb;125(2):E73-7.
 55. G Nichols B, Varadarajan V, Bock JM, **Blumin JH**. Dysphonia in nursing home and assisted living residents: prevalence and association with frailty. *J Voice*. 2015 Jan;29(1):79-82. PMID: PMC4293267
 56. Merati AL, **Blumin JH**, Johns MM, Simpson CB Decision Making in Vocal Fold Paralysis. *Otolaryngol Head Neck Surg*. 2012 Aug;147(2 suppl):P23
 57. Rosen CA, Simpson CB, Merati AL, Courey MS, Amin MR, McCulloch TM, Franco RA, Lorenz RR, **Blumin JH** Pardon the Interruption: Voice, Airway, and Swallowing. *Otolaryngol Head Neck Surg*. 2012 Aug;147(2 suppl):P24
 58. Gooi Z, Ishman SL, Bock JM, **Blumin JH**, Akst LM. Changing Patterns in Reflux Care: 10-Year Comparison of ABEA Members. *Ann Otol Rhinol Laryngol*. 2015 Dec;124(12):940-6.
 59. Cumpston EC, **Blumin JH**, Bock JM. Dual pH with Multichannel Intraluminal Impedance Testing in the Evaluation of Subjective Laryngopharyngeal Reflux Symptoms. *Otolaryngol Head Neck Surg*. 2016 Dec;155(6):1014-1020.
 60. Madden LL, Ward J, Ward A, Young VN, Smith LJ, Lott DG, Bryson PC, Clary MS, Weissbrod PA, Bock JM, **Blumin JH**, Rosen CA. A cardiovascular prescreening protocol for unmonitored in-office laryngology procedures. *Laryngoscope*. 2017 Aug;127(8):1845-1849.
 61. Vanhille DL, **Blumin JH**. Laryngeal abscess formation in an immunosuppressed patient: A case report. *Laryngoscope*. 2017 Dec;127(12):2827-2829.
 62. Bock JM, Varadarajan V, Brawley MC, **Blumin JH**. Evaluation of the natural history of patients who aspirate. *Laryngoscope*. 2017 Dec;127 Suppl 8(Suppl 8):S1-S10. PMID: PMC5788193
 63. Ludlow CL, Domangue R, Sharma D, Jinnah HA, Perlmutter JS, Berke G, Sapienza C, Smith ME, **Blumin JH**, Kalata CE, Blindauer K, Johns M, Hapner E, Harmon A, Paniello R, Adler CH, Crujido L, Lott DG, Bansberg SF, Barone N, Drulia T, Stebbins G. Consensus-Based Attributes for Identifying Patients With Spasmodic Dysphonia and Other Voice Disorders. *JAMA Otolaryngol Head Neck Surg*. 2018 Aug 01;144(8):657-665. PMID: PMC6143004
 64. Gelbard A, Anderson C, Berry LD, Amin MR, Benninger MS, **Blumin JH**, Bock JM, Bryson PC, Castellanos PF, Chen SC, Clary MS, Cohen SM, Crawley BK, Dailey SH, Daniero JJ, de Alarcon A, Donovan DT, Edell ES, Ekbom DC, Fernandes-Taylor S, Fink DS, Franco RA, Garrett CG, Guardiani EA, Hillel AT, Hoffman HT, Hogikyan ND, Howell RJ, Huang LC, Hussain LK, Johns MM 3rd, Kasperbauer JL, Khosla SM, Kinnard C, Kupfer RA, Langerman AJ, Lentz RJ, Lorenz RR, Lott DG, Lowery AS, Makani SS, Maldonado F, Mannion K, Matrka L, McWhorter AJ, Merati AL, Mori MC, Netterville JL, O'Dell K, Ongkasuwan J, Postma GN, Reder LS, Rohde SL, Richardson BE, Rickman OB, Rosen CA, Rutter MJ, Sandhu GS, Schindler JS, Schneider GT, Shah RN, Sikora AG, Sinard RJ, Smith ME, Smith LJ, Soliman AMS, Sveinsdóttir S, Van Daele DJ, Veivers D, Verma SP, Weinberger PM, Weissbrod PA, Wootten CT, Shyr Y, Francis DO. Comparative Treatment Outcomes for Patients With Idiopathic Subglottic Stenosis. *JAMA Otolaryngol Head Neck Surg*. 2020 Jan 01;146(1):20-29. PMID: PMC6824232
 65. McCann AJ, Samuels TL, **Blumin JH**, Johnston N. The role of pepsin in epithelia-mesenchymal transition in idiopathic subglottic stenosis. *Laryngoscope*. 2020 Jan;130(1):154-158.
 66. Klimara MJ, Johnston N, Samuels TL, Visotcky AM, Poetker DM, Loehrl TA, **Blumin JH**, Bock JM. Correlation of salivary and nasal lavage pepsin with MII-pH testing. *Laryngoscope*. 2020 Apr;130(4):961-966.

67. Samuels TL, Zimmermann MT, Zeighami A, Demos W, Southwood JE, **Blumin JH**, Bock JM, Johnston N. RNA Sequencing Reveals Cancer-Associated Changes in Laryngeal Cells Exposed to Non-Acid Pepsin. *Laryngoscope*. 2021 Jan;131(1):121-129.
68. McCormick CA, Samuels TL, Battle MA, Frolkis T, **Blumin JH**, Bock JM, Wells C, Yan K, Altman KW, Johnston N. H+/K+ATPase Expression in the Larynx of Laryngopharyngeal Reflux and Laryngeal Cancer Patients. *Laryngoscope*. 2021 Jan;131(1):130-135.
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70. Lee J, Huang LC, Berry LD, Anderson C, Amin MR, Benninger MS, **Blumin JH**, Bock JM, Bryson PC, Castellanos PF, Chen SC, Clary MS, Cohen SM, Crawley BK, Dailey SH, Daniero JJ, de Alarcon A, Donovan DT, Edell ES, Ekbom DC, Fink DS, Franco RA, Garrett CG, Guardiani EA, Hillel AT, Hoffman HT, Hogikyan ND, Howell RJ, Hussain LK, Johns MM, Kasperbauer JL, Khosla SM, Kinnard C, Kupfer RA, Langerman AJ, Lentz RJ, Lorenz RR, Lott DG, Lowery AS, Makani SS, Maldonado F, Mannion K, Matrka L, McWhorter AJ, Merati AL, Mori M, Nettekville JL, O'Dell K, Ongkasuwan J, Postma GN, Reder LS, Rohde SL, Richardson BE, Rickman OB, Rosen CA, Rutter MJ, Sandhu GS, Schindler JS, Schneider GT, Shah RN, Sikora AG, Sinard RJ, Smith ME, Smith LJ, Soliman AMS, Sveinsdóttir S, Van Daele DJ, Veivers D, Verma SP, Weinberger PM, Weissbrod PA, Wootten CT, Shyr Y, Francis DO, Gelbard A. Association of Social Determinants of Health with Time to Diagnosis and Treatment Outcomes in Idiopathic Subglottic Stenosis. *Ann Otol Rhinol Laryngol*. 2021 Oct;130(10):1116-1124. PMID: PMC8762607
71. Wang M, Sajobi T, Morgante F, Adler C, Agarwal P, Bäumer T, Berardelli A, Berman BD, **Blumin J**, Borsche M, Brashear A, Deik A, Duque K, Espay AJ, Ferrazzano G, Feuerstein J, Fox S, Frank S, Hallett M, Jankovic J, LeDoux MS, Leegwater-Kim J, Mahajan A, Malaty IA, Ondo W, Pantelyat A, Pirio-Richardson S, Roze E, Saunders-Pullman R, Suchowersky O, Truong D, Vidailhet M, Shukla AW, Perlmutter JS, Jinnah HA, Martino D. Predictive modeling of spread in adult-onset isolated dystonia: Key properties and effect of tremor inclusion. *Eur J Neurol*. 2021 Dec;28(12):3999-4009. PMID: PMC9100858
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74. Johnston N, Samuels TL, Goetz CJ, Arnold LA, Smith BC, Seabloom D, Wuertz B, Ondrey F, Wiedmann TS, Vuksanovic N, Silvaggi NR, MacKinnon AC, Miller J, Bock J, **Blumin JH**. Oral and Inhaled Fosamprenavir Reverses Pepsin-Induced Damage in a Laryngopharyngeal Reflux Mouse Model. *Laryngoscope*. 2023 Jan;133 Suppl 1(Suppl 1):S1-S11. PMID: PMC9732152
75. Kimura K, Du L, Berry LD, Huang LC, Chen SC, Francis DO, Gelbard A, North American Airway Collaborative (NoAAC). Modeling Recurrence in Idiopathic Subglottic Stenosis With Mobile Peak Expiratory Flow. *Laryngoscope*. 2021 Dec;131(12):E2841-E2848. PMID: PMC8595545
76. Hoffman MR, Patro A, Huang LC, Chen SC, Berry LD, Gelbard A, Francis DO, North American Airway Collaborative. Impact of Adjuvant Medical Therapies on Surgical Outcomes in Idiopathic Subglottic Stenosis. *Laryngoscope*. 2021 Dec;131(12):E2880-E2886. PMID: PMC8762605
77. Kamal AN, Dhar SI, Bock JM, Clarke JO, Lechien JR, Allen J, Belafsky PC, **Blumin JH**, Chan WW, Fass R, Fisichella PM, Marohn M, O'Rourke AK, Postma G, Savarino EV, Vaezi MF, Carroll TL, Akst LM. Best Practices in Treatment of Laryngopharyngeal Reflux Disease: A Multidisciplinary Modified Delphi Study. *Dig Dis Sci*. 2023 Apr;68(4):1125-1138.
78. Kurylo CM, Eastwood D, **Blumin JH**, Johnston N, Bock JM. Correlation of Esophageal Mean Nocturnal Baseline Impedance With Markers of Laryngopharyngeal Reflux. *Laryngoscope*. 2023 Aug;133(8):1927-1932.
79. Hoffman MR, Patro A, Huang LC, Chen SC, Berry LD, Gelbard A, Francis DO, North American Airway Collaborative. Impact of Serial Intralesional Steroid Injections on Idiopathic Subglottic Stenosis. *Laryngoscope*. 2023 Sep;133(9):2255-2263. PMID: PMC10130237
80. Patel MA, Bock JM, **Blumin JH**, Friedland DR, Adams JA, Tong L, Osinski KI, Luo J. Demographic differences in the treatment of unilateral vocal fold paralysis *Laryngoscope Investigative Otolaryngology*. 2022.

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