

**AMERICAN LARYNGOLOGICAL ASSOCIATION  
ONE HUNDRED AND FORTY-FOURTH MEETING**

**FIRST DAY, FRIDAY, MAY 5, 2023  
Afternoon Session**

**1:00 PM**

**Welcome**

Lucian Sulica, MD

**Introduction of the Guest of Honor:**

Andrew Blitzer, MD, DDS

**Presidential Address:**

***“The Four Stages of the Laryngologist Retrospective Study of a Non-Randomized but Pretty Blinded Journey with the ALA”***

Lucian Sulica, MD

**Presentation of Presidential Citations:**

Roy B. Sessions, MD

Mickey Stewart, MD, MPH

Sean Parker

Masao Kume, MD

Lucy Babikian

Maxine Cunningham, MBA

**Recognition of the Program Committee:**

James Burns, MD

Lee Akst, MD

Lesley F. Childs, MD

Jennifer Long, MD, PhD

Adam Rubin, MD

**SCIENTIFIC SESSION I: SURVEYS AND SIMULATION**

**Moderator:** Paul E. Kwak, MD; **Discussant:** Mona Abaza, MD

**1:30 PM**

**YOUNG FACULTY/PRACTITIONER AWARD**

**Do You Like Your Voice? A Population-Based Survey of Voice Satisfaction and Cosmetic Voice Enhancement**

Matthew Naunheim, MD, MBA\*

**Presentation:** Lucian Sulica, MD

**1:36 PM**

**Validation of a 3D-Printed Percutaneous Injection Laryngoplasty Simulator: A Randomized Controlled Trial**

Julianna Kostas, BA\*

**1:42 PM**

**Gender-Diverse Patients' Awareness and Utilization of Gender-Affirming Laryngological Services**

Jules L. Madzia, BS\*

**1:48 PM**

**Discussion**

- 1:54 PM DANIEL C. BAKER JR. MD LECTURE**  
**Topic: Laryngeal Dystonia: What Lies Ahead**  
 Kristina Simonyan, MD, PhD
- Introduction: Lucian Sulica, MD**
- 2:45 PM Break/Visit with Exhibitors**
- SCIENTIFIC SESSION II: VOCAL FOLDS AND AIRWAY I**  
**Moderator:** Anne Hseu, MD; **Discussant:** Tanya K. Meyer, MD, MS
- 3:15 PM Tracheal A-Frame Deformity and Suprastomal Collapse after Pediatric Tracheostomy**  
 Rishi Suresh, MD\*
- 3:21 PM RESIDENT RESEARCH AWARD**  
**Single Cell Sequence Mapping of the Human Vocal Fold Reveals Novel Cellular Heterogeneity**  
 Benjamin M. Laitman, MD, PhD\*
- Presentation: Lucian Sulica, MD**
- 3:27 PM Parenteral Use of Bevacizumab in Patients with Recurrent Respiratory Papillomatosis Long-Term Outcome of a Single Institution Cohort.**  
 Samir Ballestas, MD\*
- 3:33 PM CASSELBERRY AWARD**  
**Effects of Thyroarytenoid Vibratory Asymmetry on Voice Acoustics and Perception**  
 Hye Rhyn Chung, BS\*
- Presentation: Lucian Sulica, MD**
- 3:39 PM The Management of Refractory Chronic Cough with Bilateral Superior Laryngeal Nerve Block**  
 Brooke Quinton, BS\*
- 3:45 PM Discussion/Transition**
- 3:55 PM Panel Discussion**  
**Topic: Early Glottic Cancer: Expert Insights**  
 Moderator: Andrew McWhorter, MD,  
 Panelists: Aaron Friedman, MD; David Sher, MD; Daniel S. Fink, MD;  
 Cesare Piazza, MD
- 4:54 PM American Laryngological Association**  
 Andrew Blitzer, MD, DDS
- Presentation: Tanya K. Meyer, MD, MS**
- 4:56 PM Gabriel F. Tucker, Jr. MD Award**  
 Paul Willging, MD
- Presentation: Romaine Johnson, MD, MPH**
- 4:58 PM Announcements**  
 Joel H. Blumin, MD

**5:05 PM**      **Neurolaryngology Study Group**  
**Topic: Mechanisms and Objective Assessment of Laryngeal Dystonia and Vocal Hyperfunction**  
**Speaker:** Cara Stepp, PhD  
  
Introduction: Jonathan Bock, MD

**SECOND DAY, SATURDAY, MAY 6, 2023**  
**Morning Session**

**7:00 AM**      **Business Meeting (Fellows/Members Only)**  
  
**Introduction of New Fellows and Post-Graduate Members**  
  
**Report of the Nominating Committee**  
Clark A. Rosen, MD, *San Francisco, CA*  
  
**Report of the Secretary and Announcements**  
Joel H. Blumin, MD, *Milwaukee, WI*  
  
**Report of the Treasurer**  
Michael M. Johns III, *Los Angeles, CA*  
  
**Report of the Editor**  
Karen M. Kost, MD, *Montreal, QB, CANADA*  
  
**Report of the Historian**  
Michael S. Benninger, MD, *Cleveland, OH*  
  
**Other Business**  
  
**Election of the Council and Organization of New Officers**

**SCIENTIFIC SESSION III- VOCAL FOLD AND AIRWAY II**  
**Moderator:** Seth Dailey, MD; **DISCUSSANT:** Alexander Gelbard, MD

**8:00 AM**      **Transcriptional Subtype of Glottic Squamous Cell Carcinoma Predictive of Worse Disease-Specific Survival**  
Bharat Akhanda Panuganti, MD\*

**8:06 AM**      **Quantification of False Vocal Fold Hyperfunction during Quiet Breathing in Muscle Tension Dysphonia**  
Jasper Han, BS\*

**8:12 AM**      **Return to Vocal Performance Following Microlaryngoscopy in Singers**  
Hal Difede Rives, BS\*

**8:18 AM**      **A Novel Imaging Technique to Identify Vocal Fold Scar Formation**  
Soymar Torres Maldonado, MD\*

- 8:24 AM**      **Quantifying Postural Fatigue during In-Office Flexible Nasolaryngoscopy**  
Mia Saade, BS\*
- 8:30 AM**      **Discussion/Transition**
- 8:42 AM**      **Panel Discussion**  
**Topic: Ethics, Laryngology and the Doctor-Patient Relationship**  
**Moderator:** Norman D. Hogikyan, MD, HEC-C  
**Panelists:** Jeanne L. Hatcher, MD; Allen D. Hillel, MD; Theresa L. Williamson, MD
- 9:45 AM**      **Break/Visit Exhibitors**

**SCIENTIFIC SESSION IV: LARYNGEAL STENOSIS**  
**MODERATOR:** Maggie Kuhn, MD; **DISCUSSANT:** Julina Ongkasuwan, MD

- 10:15 AM**      **Association Between Estrogen Exposure and Idiopathic Subglottic Stenosis (ISGS)**  
Nainika Nanda, MD\*  
Alexander Gelbard, MD  
David O. Francis, MD, MS
- 10:21 AM**      **Decellularized Cartilage for Laryngotracheal Reconstruction in a Neonatal Pig Model**  
Paul Gehret, BS\*  
Alexandra Dumas, BS\*  
Ian Jacobs, MD  
Ricardo Gottardi, PhD\*
- 10:27 AM**      **Endoscopic Subtotal Submucosal Arytenoidectomy with Lateralization Sutures (SMALS) Covered by a Medially Based Mucosal Flap for Glottic Stenosis**  
Hagit Shoffel Havakuk, MD  
Yaniv Hamzany, MD\*  
Yonatan Lahav, MD\*  
Yoni Shopen, MD\*  
Yonatan Reuven, MD, PhD\*
- 10:33 AM**      **Implementation of Screening Tool to Trigger Tracheostomy Decannulation Evaluation by Otolaryngology**  
Megan Lilli, MS\*  
Kelly Moyer, MD\*  
Tracey Wilson, DNP\*
- 10:39 AM**      **Discussion/Transition**
- 10:49 AM**      **Announcements**  
**2023 Poster Awards**  
Dinesh K. Chhetri, MD
- 10:51 AM**      **2023 Eugene Myers International Paper Award**  
Clark A. Rosen, MD
- 10:53 AM**      **ALA 2023 Research Grant Award Announcement**  
Ted Mau, MD, PhD
- 10:55 AM**      **THE STATE-OF-THE-ART LECTURE**

**Topic: “Are We There Yet? Laryngology Education Past, Present, and Future”**  
Albert L. Merati, MD

Introduction: Lucian Sulica, MD

**11:56 AM**      **Announcements/Adjournment**  
Joel H. Blumin, MD

**12:00 PM**      **Group Photos (Members Only)**  
**Location: TBA**

***THIRD DAY, SUNDAY, MAY 7, 2023***  
***Morning Session***

**SCIENTIFIC SESSION V – The Laryngology of Rodents**  
**MODERATOR:** Elizabeth Guardiani, MD; **DISCUSSANT:** Dale Ekbom, MD

**8:00 AM**      **Development of a Mouse Model for Short-Term Laryngeal E-Cigarette Exposure**  
Chloe Santa Marie, MBBS, MPH\*  
Meene Easwaran, MS\*  
Joshua Martinez, MS\*  
Joanne Soo, MD\*  
Elizabeth Erickson-DiRenzo, PhD, CCC-SLP\*

**8:06 AM**      **Vocal Folds Rejuvenation using Basic Fibroblast Growth Factor-Loaded Pyrogallol-Based Self-Crosslinking Carboxymethyl Cellulose Hydrogel in Aged Rats**  
Sang-Yoon Han, MD, MS\*  
Ji-Suk Choi, PhD\*  
Seong Keun Kwon, MD, PhD

**Presentation: Lucian Sulica, MD**

**8:12 AM**      **Epithelial Cell Collection from the Mouse Larynx for Single-Cell RNA-Sequencing Research**  
Mohammed Imran Khan, PhD\*  
Meena Easwaran, MD\*  
Joshua Daniel Martinez, MS\*  
Joanne Soo, MD\*  
Elizabeth Erickson-Direnzo, PhD, CCC-SLP\*

**8:18 AM**      **Neurophysiology of the Superior Laryngeal Nerve in an In Vivo Rat Model**  
David J. Cvancara, BS\*  
Julio A. De Leon, BS\*  
Hans C. Baertsch, BA\*  
Eric D. Hollenbaum, BA\*  
Vincent Martinez, PhD\*  
Gregory A. Kinney, PhD\*  
Neel K. Bhatt, MD

**8:24 AM      Development and Application of Automated Vocal Fold Tracking Software in a Rat Model**

William Pennington-FitzGerald, BA\*  
Abhinav Joshi, BS\*  
Emily Honzel, BM, MM\*  
Ignacio Morato Hernandez, PhD\*  
Michael Pitman, MD  
Yalda Moayedi, PhD\*

**8:30 AM      Discussion/Transition**

**8:45 AM      PANEL DISCUSSION**

**Recalcitrant Airway Stenosis: The Battle for Decannulation**

Moderator: James Daniero

Panelists: Karla O'Dell, MD; Robert Morrison, MD; Robert Lorenz, MD\*

**9:45 AM      Break/Visit Exhibits**

**SCIENTIFIC SESSION VI – Basic Science in Laryngology**

**MODERATOR:** Andrew Tkaczuk, MD; **DISCUSSANT:** Ted Mau, MD, PhD

**10:15 AM      Concentration-Dependent Effects of Methylprednisolone on Human Vocal Fold Fibroblasts in Macrophage Co-Culture**

Ryosuke Nakamura, PhD\*  
Renjie Bing, MD\*  
Gary Gartling, PhD\*  
Michael Garabedian, PhD\*  
Ryan C. Branski, PhD

**10:21 AM      Platelet Rich Plasma Injection in Treatment of Scar, Atrophy, Nodule and Sulcus: Short and Long Term Results**

Peak Woo, MD

**10:27 AM      Impact of Rehydration Following Systemic Dehydration on Vocal Fold Gene Expression**

Taylor W. Bailey, PhD\*  
Preeti M. Sivasankar, PhD  
Naila Cannes do Nascimento, PhD\*  
Andrea Pires dos Santos, DVM, PhD\*  
Abigail Cox, DVM, PhD\*

**10:33 AM      Reconstruction Outcomes of Human Xenograft in Scarred Rabbit Vocal Folds**

Rodell Santuray, MD\*  
Patrick Schlegel, PhD\*  
Zhaoyan Zhang, PhD\*  
Neha Reddy, BS\*  
Yazeed Alhiyari, PhD\*  
Jennifer Long, MD, PhD

**10:39 AM      Effect of Continuous Local Dexamethasone Delivery on Tissue Biomechanics in Inhalational Burn Injury in a Preclinical Model**

William Detar, DO\*  
Ronit Malka, MD\*  
Gregory Dion, MD\*

**10:45 AM Discussion/Transition**

**10:55 AM Announcement – Post-Graduate Best Paper Award**  
James Daniero, MD

**SCIENTIFIC SESSION VII – NEUROLARYNGOLOGY**  
**MODERATOR:** Babak Sadoughi, MD; **DISCUSSANT:** Stacey Halum, MD

**10:58 AM Long-Term Outcomes and Revision Rates in Laryngeal Reinnervation**  
Vanessa Torrecillas, MD\*  
Matthew R. Hoffmann, MD, PhD\*  
Breanne Schiffer, MD, MPH  
Katherine Keefe, MD\*  
Marshall E. Smith, MD

**11:04 AM Ultrafast Laser Microlaryngeal Surgery for In Vivo Sub-Epithelial Void Creation in Canine Vocal Folds**  
Ted Mau, MD, PhD  
Liam Andrus, PhD\*  
Berk Camli, PhD\*  
Adela Ben-Yakar, PhD\*

**11:10 AM Detecting Vocal Fold Paralysis Through Machine Learning Using Explainable Machine Learning**  
Phillip Song, MD  
Vishwanatha Rao\*  
Daniel Low, PhD\*  
Satrajit Ghosh, PhD\*

**11:16 AM Effects of Neuromuscular Stimulation and Airflow Level on Vocal Fold Vibratory Motion**  
Dinesh K. Chhetri, MD  
Hye Rhyn Chung, BS\*  
Patrick T. Schlegel, PhD\*  
Neha K. Reddy, BA\*

**11:22 AM Electrical Stimulation of Vocal Fold Adduction Triggered by Laryngeal Electromyography using a Custom Implant**  
James T. Heaton, PhD  
James B. Kobler, PhD\*  
David M. Otten, SM\*  
Monica A. Tynan, MS\*  
Robert H. Petrillo, BS\*  
Mark P. Ottensmeyer, PhD\*  
Andrea R. Slate, DVM\*  
Robert E. Hillman, PhD  
Steven M. Zeitels, MD

- 11:28 AM**      **Treatment for Adductor Spasmodic Dysphonia: Botulinum Toxin Injections vs Type 2 Thyroplasty with TITANBRIDGE®**  
Tetsuji Sanuki, MD, PhD\*  
Naoki Takemoto, MD, PhD\*
- 11:34 AM**      **Prospective >12 Months Outcomes for Patients with Longstanding Unilateral Vocal Fold Paralysis Treated by Vocal Fold Injection Medialization with a Silk Protein Microparticle-Hyaluronic Acid Material**  
William Z. Gao, MD  
Marcus Paoletti, BA\*  
Yael Bensoussan, MD  
Neel K. Bhatt, MD  
Elizabeth Shuman, MD\*  
Nazaneen Grant, MD  
Karla O'Dell, MD  
Michael M. Johns, III, MD
- 11:40 PM**      **Discussion/Transition**
- 11:54 AM**      **Announcements**  
Joel H. Blumin, MD
- 11:56 AM**      **Introduction of 2024 President**  
Dinesh Chhetri, MD
- 11:58 AM**      **Announcement – Post-Graduate Best Paper Award**  
James Daniero, MD
- 12:00 PM**      **Adjournment**  
Joel H. Blumin, MD