

FRONTIERS 2023

The Art, Science and
Future of Otolaryngology
Head and Neck Surgery



26TH – 28TH OCTOBER
BAROSSA VALLEY
SOUTH AUSTRALIA

SPONSORED BY



**Passe & Williams
Foundation**

Supporting excellence in ENT

WELCOME



**PROFESSOR
WILLIAM B
COMAN**

Trustee and
Foundation Chair
Conference
Convenor

Following a successful virtual meeting in 2021, we are excited to convene in person once again for the 13th Frontiers in Otolaryngology Head and Neck Surgery (OHNS) conference, this time in the beautiful Barossa Valley, traditional lands of the Peramangk, Ngadjuri and Kaurna people. We extend a warm welcome to you, our speakers, delegates and guests.



**DR MICHAEL
JAY**

Trustee and
Board Chair
Conference
Convenor

The Frontiers 2023 program continues in the tradition of discussing novel approaches to challenges faced by scientists, engineers and medical practitioners working in OHNS. With an impressive gathering of international and domestic speakers our aim is to inform, provoke and inspire.

We look forward to enjoying your company, and encourage you to embrace this opportunity to engage with experts in the field. Here's to many important conversations and exciting outcomes.

SPEAKERS

FRONTIERS 2023

**DR. ZARA
M. PATEL**

Keynote Speaker
Stanford University
School of Medicine
USA



Dr. Zara M. Patel is Director of Endoscopic Skull Base Surgery and a Professor of Otolaryngology and, by courtesy, of Neurosurgery at Stanford. She is an expert in advanced endoscopic sinus and skull base surgery, treating patients with a wide variety of rhinologic complaints, including chronic sinus infection or inflammation, sinus disease that has failed medical therapy, as well as olfactory disorders.

Dr. Patel is passionate about educating patients to allow them to make the best decisions about their own care, leading to better outcomes. She continues to perform research in the areas of endoscopic sinus surgery and chronic rhinosinusitis in the immunosuppressed patient population, and is currently collaborating with neuroscientists and engineers to develop technology that she hopes will eventually help cure patients with olfactory loss.

**DR CHARLEY
C. DELLA
SANTINA**

Keynote Speaker
John Hopkins
School of Medicine
USA



Charley C. Della Santina PhD MD is a Professor of Otolaryngology Head & Neck Surgery and Biomedical Engineering at the Johns Hopkins School of Medicine, where he leads the Vestibular NeuroEngineering Lab and the Johns Hopkins Cochlear Implant Center. His clinical practice focuses on surgical treatment of auditory and vestibular disorders. His research focuses on neurophysiology and engineering related to vestibular implants, which are "bionic" devices intended to partially restore sensation of head movement to individuals chronically disabled by bilateral vestibular hypofunction. He founded Labyrinth Devices LLC, a company focused on developing vestibular implants and novel tests of vestibular function.

JANE FERRARI

**After-Dinner
Speaker**
Jane Ferrari
Consulting
South Australia

One of Australia's greatest storytellers, Jane is a winemaking graduate from Adelaide, who worked for 25 years as brand ambassador for Yalumba Winery. She was named Wine Communicator of the Year in 2012 by the Wine Communicators of Australia.

SCIENTIFIC PROGRAM

FRONTIERS 2023

FRIDAY 27TH OCTOBER

SESSION 1	OPENING SESSION	
8.00 – 8.15	Official Opening	William Coman
	Acknowledgement of Country	
8.30 – 10.00	Keynote: The impact of smell on human interaction	Zara Patel
	Keynote: Vestibular Implantation	Charley Della Santina
10.00 – 10.30	MORNING TEA	
SESSION 2	FRONTIERS IN OHNS RESEARCH	Chair: Stella Clark
10.30 – 12.15	Innovation in sentinel lymph node biopsy for oral squamous cell carcinoma	Giri Krishnan
	Outcomes for head and neck cancer patients admitted to IC in Australia & New-Zealand 2000-2016	Claire Frauenfelder
	Defining the therapeutic potential of eosinophils in head and neck cancer	Carly Whyte
	Differential diagnosis of vertigo using machine learning techniques	Chao Wang
	The sinonasal microbiome in health and disease	Kristi Biswas
	Panel discussion moderated by Sarah Vreugde	
12.15 – 13.15	LUNCH Demonstration of Hear our Heart Earbus	
SESSION 3	AUDIOLOGY	Chair: Michael Jay
13.15 – 15.00	Innovations in hearing healthcare	Brent Edwards
	Developing improved therapeutics for treating otitis media and prevention of recalcitrant infections	Ruth Thornton
	Hear our Heart Earbus	Rachel Mills & Donna Rees
	Addressing noise-induced hearing loss	David Sly
	Panel discussion moderated by Brent Edwards	
SESSION 4	POSTER PITCHES & JUDGING	Moderator: Stella Clark
15.00 – 15.30	Poster pitches	1 minute each
15.30 – 17.00	Poster judging & networking	

SATURDAY 28TH OCTOBER

SESSION 5	MENIERE'S DISEASE	Chair: John Funder
8.30 – 10.30	The surgeon	Charley Della Santina
	The physiologist	Dan Brown
	The geneticist	Jose Antonio Lopez-Escamez
	The engineer	Mohsen Asadnia
	The audiologist	Celene McNeill
	A patient's perspective	Daniel Ellis
	Panel discussion moderated by Dan Brown	
10.30 – 11.00	MORNING TEA	
SESSION 6	PAEDIATRICS, SLEEP AND ALLERGY	Chair: Robert Black
11.00 – 12.30	Sleep evaluation for high-risk children	Jasneek Chawla
	Home delivery home oximetry for rural children with obstructive sleep apnoea	Paul Paddle
	The MIST-SMART trial: medical therapy for sleep-disordered breathing in children	Gillian Nixon
	What's new in adult sleep?	Sutapa Mukherjee
	Panel discussion moderated by Jasneek Chawla	
12.30 – 13.30	LUNCH Demonstration of Hear our Heart Earbus	
SESSION 7	RHINOLOGY/OLFACTION	Chair: William Coman
13.10 – 15.00	Treatment options for COVID related olfactory loss	Zara Patel
	Bacteriophage - a new hope for the treatment resistant chronic rhinosinusitis	Alkis Psaltis
	Academic Surgeon Scientist Fellowship and beyond	Raymond Kim
	Surgery of the olfactory cleft: an essential skill rather than a no-go zone	Richard Harvey
	Panel discussion moderated by Richard Harvey	
15.00 – 15.30	AFTERNOON TEA	
SESSION 8	LEADERSHIP AND DIVERSITY	Chair: Phil Truskett Moderator: Zara Patel
15.30 – 16.40	Ray Sacks, Brent Edwards, Alethea Grobler, Sutapa Mukherjee	
16.45 – 17.00	CLOSING OF CONFERENCE	William Coman

VENUE

Novotel Barossa Barossa Valley South Australia



Situated in the Rowland Flat part of Barossa Valley, overlooking the vines of Jacob's Creek and the Barossa Valley Ranges, this premier resort puts you close to many attractions and interesting dining options. Located next to the 18-hole Tanunda Pines Golf Course and only 10 minutes' drive from Tanunda's restaurants and shops, it offers something for everyone.



SOCIAL EVENTS

FRONTIERS 2023

THURSDAY 26TH OCTOBER

18.00 – 20.00 Welcome Reception

Meet at the Novotel Front Lawn, located outside by the pool of the hotel, for drinks and canapes with fellow attendees. Dress code is smart casual.

FRIDAY 27TH OCTOBER

15.00 – 17.00 Poster Presentation Session

Starting on the main stage with one-minute Poster Pitches, then continuing with authors at their poster stands, and judges roaming the floor. Light refreshments provided.

SATURDAY 28TH OCTOBER

19.00 – 22.30 Conference Dinner

Guests to meet in the Novotel Barossa main lobby at 18.30 to take transport to Seppeltsfield Winery, where music, dinner and drinks await in its Vintage Cellar. Dress code is cocktail; please note that the short walk to the venue crosses stone paving, gravel, soil and the main venue is pressed earth. Attendees with accessibility requirements may be dropped off at the main venue door (please see conference staff for details).

Dinner by acclaimed chef Owen Andrews.

After-Dinner Speaker Jane Ferrari will then spin some yarns.

SUNDAY 29TH OCTOBER

10.00 Bus transfers to Adelaide Airport

Guests are to meet 15mins prior to departure, in the Novotel Barossa main lobby.



Seppeltsfield private functions
cellar entrance
Conference Dinner

CONTACTS



FRONTIERS 2023 CONFERENCE SECRETARIAT

Maryanne Mackinlay

Project Manager,

ASN Events

P +61 3 8658 9530 (Head Office)

E reception@asnevents.net.au

asn.events



PASSE AND WILLIAMS FOUNDATION

Supporting excellence in ENT

P +61 3 419 0280

E office@passewilliams.org.au

passewilliams.org.au

Passe & Williams Foundation
is a registered business name of
The Garnett Passe and Rodney Williams
Memorial Foundation
ABN 83 090 533 174