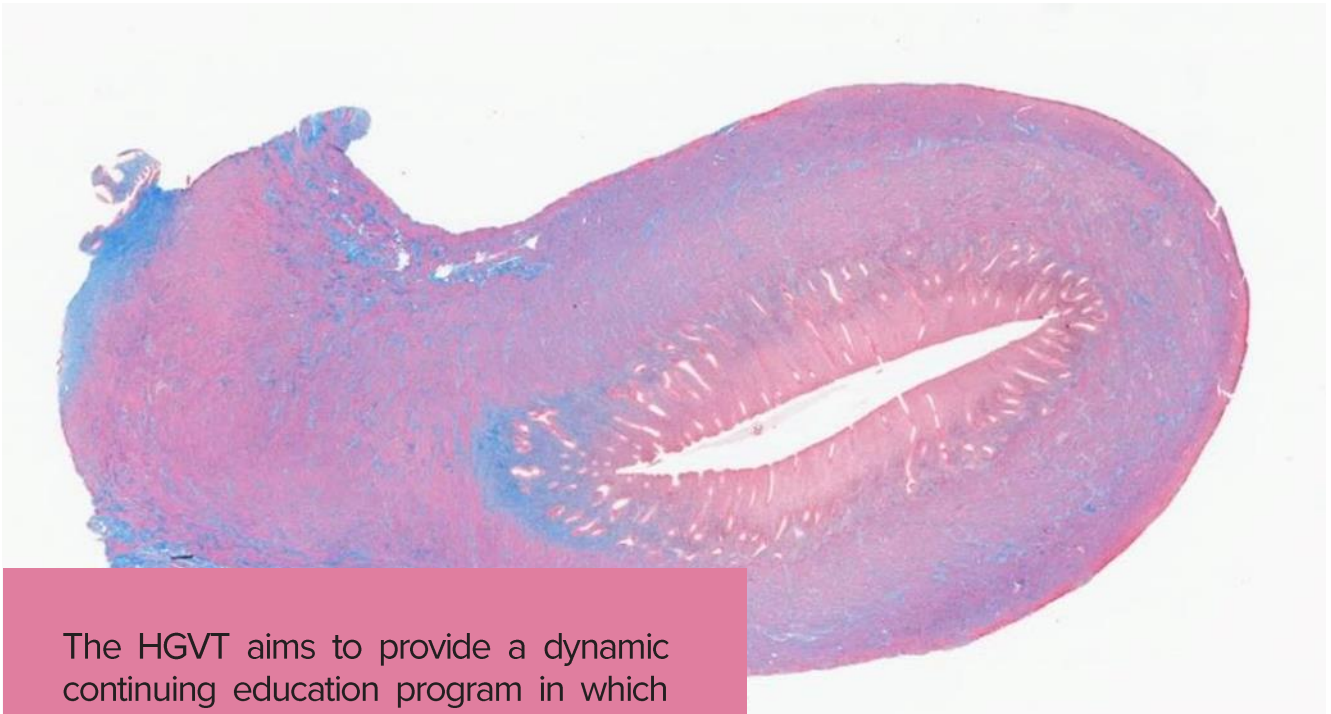


PARAFFINALIA



The HGVT aims to provide a dynamic continuing education program in which all persons with an interest in Histology and Histotechnology are freely invited to participate.

CONTENTS

- President's Address
- 'Under the Microscope' Interview
- Days of our Labs
- In The News
- Scientific Meeting Review
- IHC Antibody Spotlight
- Next Meeting & Future Events

MONKEY UTERUS

Be sure to check our social media for more Histology content including photos, quizzes and more!

@hgvt_histogroupofvicandtas

UPCOMING EVENTS:

Jun
11

Scientific Meeting:
Cardiac Biopsies with
Prof. Nazaretian & Clair Paul

Aug
7

Trivia Night

UPDATED

Committee Members

The members of the Histology Group of Victoria and Tasmania are:

Name	Institution
Samantha Arandelovic	Mater Hospital Brisbane
Kerrie Scott-Dowell	Dorevitch Pathology/ Leica Biosystems
Mark Bromley	Sullivan Nicolaides Pathology
Kellie Vukovic	Melbourne Pathology
Christine Gorringe	Royal Hobart Hospital
Elizabeth Baranyai	Cabrini Health
Bronwyn Christiansen	Royal Children's Hospital
Snejana Ursache	Alfred Hospital
Dodie Pouniotis	RMIT University
Fatema Tajbhai	Northern Health
Kerrie Howard	Northern Health/ RMIT University
Maria Boyer	Monash Pathology
Sharleen Kumar	Peter MacCallum Cancer Centre
Julachai Yonterng	Dorevitch Pathology
Eddie Tomlinson Smith	Abacus Dx
Joshua Vines	Royal Hobart Hospital
Raman Kaur	Royal Melbourne Hospital
Aleya Lyons	Dorevitch Pathology
Stephanie Tsaketas-Chiu	Dorevitch Pathology

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Newsletter enquiries: editor@hgvt.org.au

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A4 Electronic Submission (BW hard copy, coloured e-newsletter)	\$400 (no GST) (email trade@hgvt.com.au)	Job Vacancy	FREE (email membership@hgvt.com.au)
Job Vacancy (No logo, ~75 words)	FREE		
Job Vacancy (A4 page with logo)	\$200 (no GST) (email trade@hgvt.com.au)		

Articles & Reports:

Author enquiries and readers wishing to contribute articles or reports can contact the Editor at editor@hgvt.org.au. Please email articles (preferably in Microsoft Word format with minimal formatting) for inclusion in the next edition. All items submitted for publication will then become the sole property of the Histology Group of Victoria Inc.

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PRESIDENT'S ADDRESS

Behind the Bench with Sam Arandelovic

Dear Members,

I hope this message finds you well and enjoying a productive year. It has been a busy and rewarding period for HGVT, with strong engagement across our recent activities.

Our last scientific meeting, focused on Skin Wedges, was exceptionally well received, attracting close to 100 attendees. It was fantastic to see such enthusiasm and participation from our histology community. For those who were unable to attend, I encourage you to access the session recordings, which are now available on the HGVT website.

Our social calendar has also proven popular. The upcoming Trivia Night sold out quickly—thank you all for your enthusiasm and support. Due to this demand, we are pleased to confirm a new date: 7th August 2026 at La Di Da. We look forward to another enjoyable evening of networking and friendly competition.

Looking ahead, I would like to remind everyone not to miss the National Conference in Perth, taking place from 11–13 September 2026. This is an excellent opportunity to connect with colleagues across the country, share knowledge, and stay up to date with advancements in histology practice. If you haven't already done so, please remember to register.

Thank you all for your continued support, engagement, and contribution to our community. I look forward to seeing many of you at our upcoming events.

Warm regards,
Samantha Arandelovic
HGVT President

MacroShot Digital Imaging System

MacroShot™ is a high-definition digital imaging system designed by CellPath, for capture of high-quality images, video, and audio notes.

The MacroShot™ utilises a full HD camera with a powerful 30X optical magnification and wide view, which enables the camera to be fitted to any existing cut-up bench, grossing hood or used as a stand-alone system in mortuaries. It fully documents the grossing procedure, enabling laboratories to implement better quality assurance control, reduce specimen description time and reduce risk of errors within the lab.

The MacroShot™ utilises user-friendly icon driven software. A novel auto-calibration procedure, coupled with a comprehensive suite of annotation and measurement tools, ensures accurate, reliable measurements at up to twenty user-defined zoom levels.

The MacroShot™ software can be interfaced with a user's preferred online conference software, to allow remote second opinion telepathology consultations and guided cut-up by pathologists.

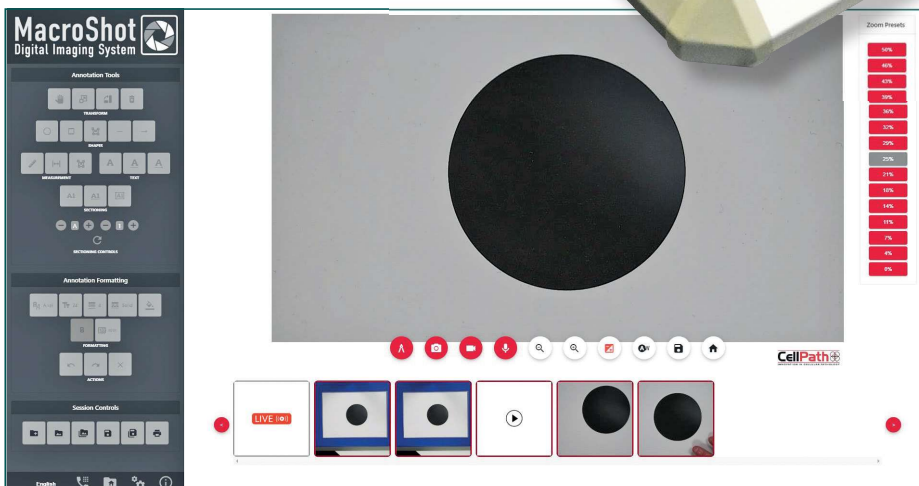
Optional accessories available for the MacroShot™ include: a washable keyboard and mouse, a foot pedal system for hands free capture of images, as well as an LED light ring (with polarizer), which removes glare from wet specimens and ensures constant image quality.



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- Teleconferencing for remote consultations – second opinion/ guided cut-up by pathologist
- Optional table-top stand with blue cut up board for contrast
- Optional LED light ring with dimmer control and polarizer



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Days of our Labs

"Like sands through the hourglass, so are the days of our labs"



Congratulations to Kellie our Socials Co-Ordinator on the birth of her new baby girl, isn't she adorable?



Family Science Day at Leica!



"Never too young to start in science."

On behalf of the community, we would like to wish our secretary Bronwyn Christiansen a spectacular 50th Birthday!

Histology News, Births, Marriages, Retirements??? Any news!!! We would love to hear from you! Submit a pic and a short description to "Days of our labs" to the HGVT Facebook messenger or email editor@hgvt.org.au

IN THE NEWS

PCOS is renamed to Polyendocrine Metabolic Ovarian Syndrome (PMOS) to better represent its pathophysiology.

HEALTH POLICY · Online first, May 12, 2026 · Open Access

Polyendocrine metabolic ovarian syndrome, the new name for polycystic ovary syndrome: a multistep global consensus process

[Prof Helena J Teede, PhD](#)^{a,b} · [Mahnaz Bahri Khomami, PhD](#)^{a,1} · [Rachel Morman](#)^{c,†} · [Prof Joop S E Laven, PhD](#)^d · [Anju E Joham, PhD](#)^{a,b} · [Michael F Costello, DMedSc](#)^e · et al. [Show more](#)

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Summary

Show Outline

Polyendocrine metabolic ovarian syndrome (PMOS), previously named polycystic ovary syndrome (PCOS), affects one in eight women. However, the term PCOS is inaccurate, implying pathological ovarian cysts, obscuring diverse endocrine and metabolic features, and contributing to delayed diagnosis, fragmented care, and stigma, while curtailing research and policy framing. Building on an international mandate for change, we outline an unprecedented, rigorous, multistep global consensus process for the name change. Funding and governance were established with engagement of 56 leading academic, clinical, and patient organisations. Using iterative global surveys (with responses from 14 360 people with PCOS and multidisciplinary health professionals from all world regions), modified Delphi methods, nominal group technique workshops, and marketing and implementation analyses, we identified principles prioritising scientific accuracy, clarity, stigma avoidance, cultural appropriateness, and implementation feasibility. An accurate new name was prioritised over retaining the PCOS acronym or a generic name. Implementation approaches prioritised evolution rather than transformation. Preferred terms were polyendocrine, metabolic, and ovarian, reflecting the condition's multisystem pathophysiology, and polyendocrine metabolic ovarian syndrome was the consensus new name. Accuracy was improved by omitting cysts and by capturing endocrine, metabolic, and ovarian dysfunction. A co-designed global implementation strategy, including a transition period, education, and alignment with health systems and disease classification, is under way.

Article metrics

Metric data currently unavailable

Supplementary material (1)

[PDF \(900.41 KB\)](#)
Supplementary appendix

Related Podcast

Read the full article here:

[https://www.thelancet.com/journals/lancet/article/PIIS0140-6736\(26\)00717-8/fulltext](https://www.thelancet.com/journals/lancet/article/PIIS0140-6736(26)00717-8/fulltext)

The RCPA celebrates their 70th Anniversary!



The banner features a dark red background. On the left is a stylized logo of a caduceus (a staff with two snakes) intertwined with a large number '70'. In the center, the text reads 'RCPA 70th Anniversary' in white, with 'Celebrating 70 years of pathology leadership.' below it. A red button with the text 'EXPLORE OUR HISTORY' is positioned below the text. On the right side, there is a circular inset image showing a person in a dark academic or professional robe standing at a podium, speaking into a microphone.

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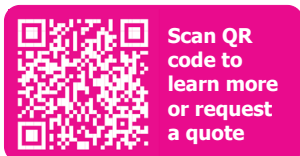
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UNDER the MICROSCOPE with Sharleen Kumar



What was your first part time job?

Target. Yes, I was a Target girl... red shirt and all. Honestly not a bad foundation for a 16-year old's career. Good times!

What is your current Job?

I'm a Grade 2 Medical Scientist in the Anatomical Pathology lab at Peter MacCallum Cancer Centre, specialising in FISH. Fluorescence In Situ Hybridisation is my jam. Yes, it's as cool as it sounds.

How long have you been working in your role?

I've been a Grade 2 Medical Scientist since 2023, but my journey in the industry started back in 2021. Still relatively early in my career, but I've thrown myself in headfirst and loved every minute of it. Honestly? I'm just getting started and I can't wait to see where this career takes me next.

What skill do you want to learn and why?

AI and Digital Pathology, and I genuinely can't wait to dive in. The future of pathology is digital and I want to be right at the forefront of it. I'm curious by nature and have never been someone who's content to just stay in their lane. If there's a smarter, faster, better way of doing things, I want to know about it. For me, learning isn't just a box to tick - it's what keeps the work exciting. Watch this space!

If money was no object, what would you do all day?

Honestly? I'd be dancing my way around the world. I'd be travelling to every corner of the globe, soaking up different cultures, finding creative inspiration everywhere I go and dancing through all of it. Give me a new city, a new experience and a dance studio and I'm happy. But until then... you'll find me in the lab!

What's an ideal weekend for you?

Markets in the morning with my partner; coffee in hand, no agenda, just good vibes and great finds. Throw in some time in nature, a good book, the beach, live music and dancing, and honestly that's already a pretty perfect weekend. But the thing that really makes it? Being surrounded by my favourite people, my family and friends. I'm a people person through and through - good company fuels the heart and the mind.

What's on your bucket list this year?

Where do I even start? the list is long and growing daily! I'm still working through last year's bucket list, ticking off the last two states in Australia before I can officially say I've done my country proud. Then it's back to my roots through the Pasifika and Asia, with Japan on the horizon, the National Parks in North America and Europe? The ultimate dream. And while Queenstown has already been ticked off — it's staying on the list forever. An annual tradition with my partner and honestly, the closest thing to heaven on earth I've ever experienced.

What music/podcast is on your playlist at the moment?

My playlist is a mix of everything - if it has a good beat, say less. R&B, Afrobeats, Rap, Reggae, Latin, Sufi, Classical, Instrumentals... from Frank Ocean to Aretha Franklin. Mood dependent, always. Life's too short for a boring playlist! Podcasts? Yes, I'm another true crime junkie - don't judge me! Casefile all the way.

Where do you most want to travel, but have never been to?

Europe without a doubt. Art, history, culture ..I want to see and experience all of it. One day soon!



**HISTOLOGY GROUP OF
VICTORIA & TASMANIA**

TRIVIA NIGHT 2026

Date: Friday 7th August

Time: 6.00pm-9:30pm
Trivia to start at 6:30pm

Location: La Di Da
577 Little Bourke St
Melbourne 3000

Price: \$40 per person
Tables of 6, 8 and 10

Including: sit down dinner, Trade sponsored prizes and rounds with a professional host

Payment due by Friday 24th July.

Please be quick as tables are limited and sold on a first in best dressed basis!

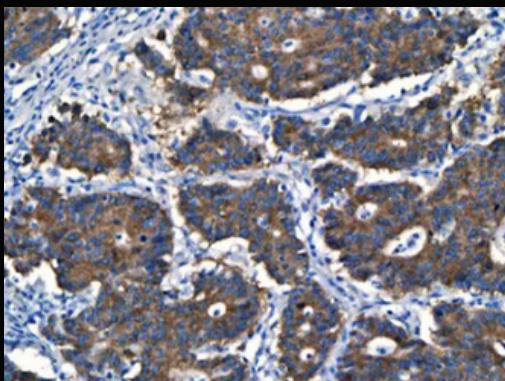
LIMIT OF 2 TABLES PER LAB – MORE TABLES MIGHT BECOME AVAILABLE DEPENDING ON POPULARITY

350m from Southern Cross Station, \$10 parking at First Parking after 4pm (558 Little Bourke St) – entry via Crombie Lane





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Scientific Meeting Review

By Kerrie Scott-Dowell

The education session on 23rd April delved into the handling of skin wedge biopsies over various institutions. Wedge biopsies come from curved or free edge structures such as in lip, ear, nose and eyelid. These pose greater complexity due to their irregular shapes and multiple anatomical surfaces.

First speaker, Courtney Savill from Peter Mac, discussed the challenges. She spoke about the need for clear orientation for the critical assessment for the margins and showed how specimens are photographed and the photo used to show the tissue submissions. Her following slides were great to showcase the key points and that each case must be assessed individually.

Photography & Mapping

Photography is strongly encouraged

- Use photos to assist description
- Photograph all defects and disruptions



Submission & Sectioning

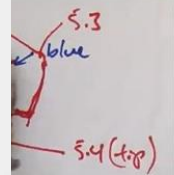
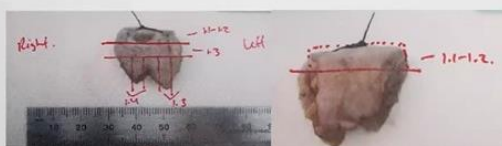
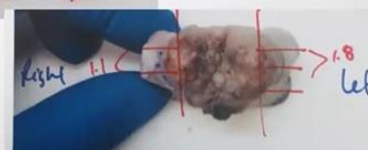
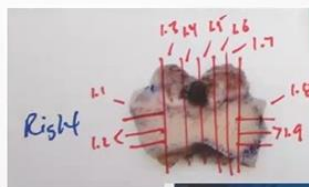
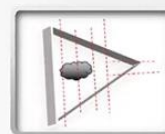
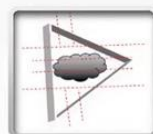
No standard dissection pattern

Submission depends on specimen shape, lesion location, and relationships to margins

- Submit small wedges entirely
- Selective sampling for larger specimens

Mandatory practices:

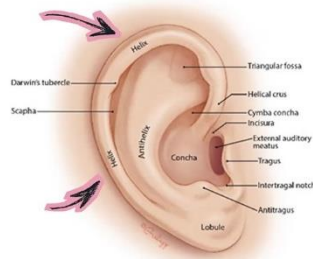
- Use photos/diagrams to map blocks
- Clearly describe sections in the block key
- Return remaining tissue in order if not entirely submitted



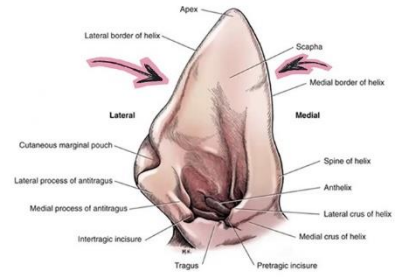
The 2nd speaker was Jess Drohan from Dorevitch Pathology, who spoke specifically about veterinary wedges and the added complexity of many of these specimens.

Jess discussed that dog's ears have varying orientation description depending on if the ears are upright or floppy eared breeds with haired and non-haired surfaces.

Ears

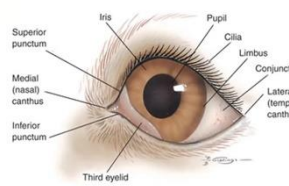


<https://otosurgeryatlas.stanford.edu/otologic-surgery-atlas/surgical-anatomy-of-the-ear/external-ear/#>



<https://veteriankey.com/pinna-and-external-ear-canal/>

Eyelids



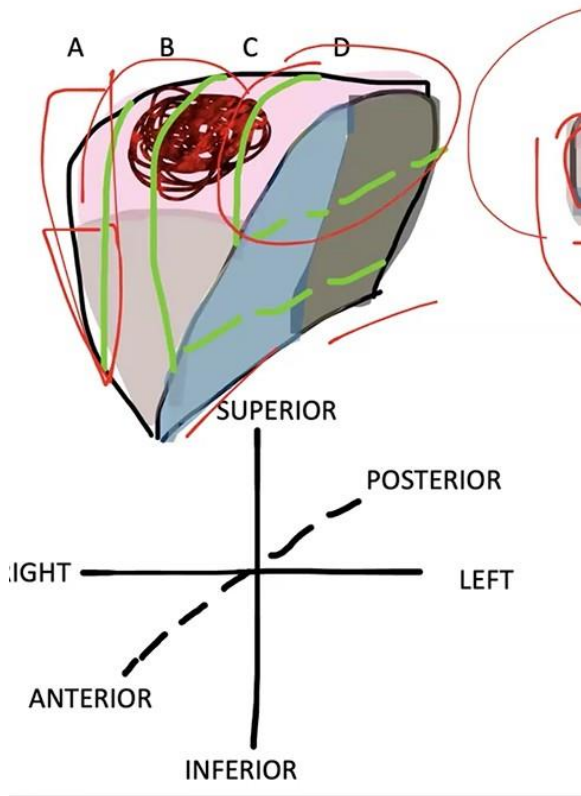
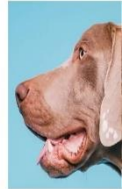
Dog

<https://veteriankey.com/structure-and-function-of-the-eye/>

Lip

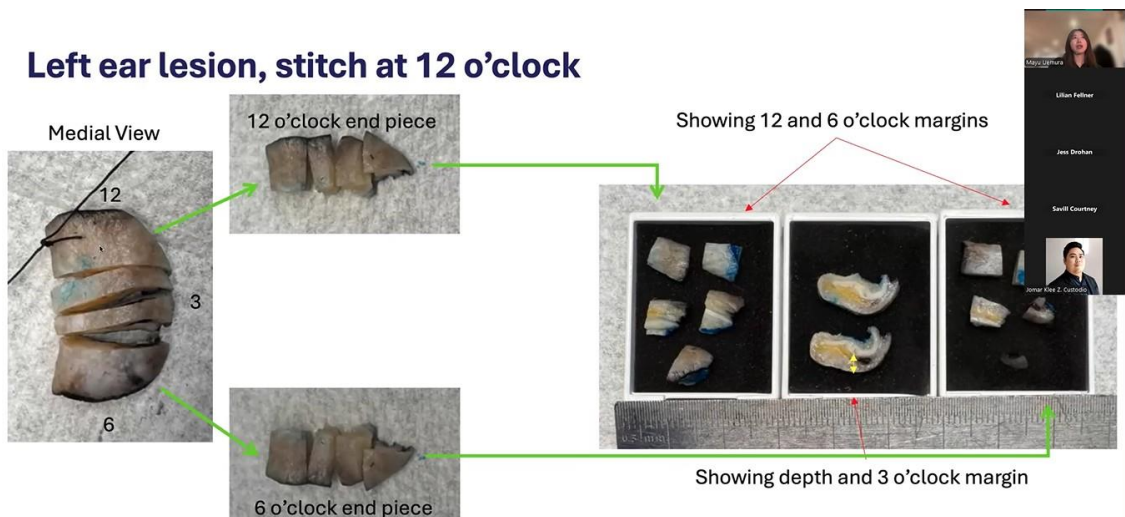
Protruding snout, with lip on 3 sides

- rostral
- left lateral
- right lateral

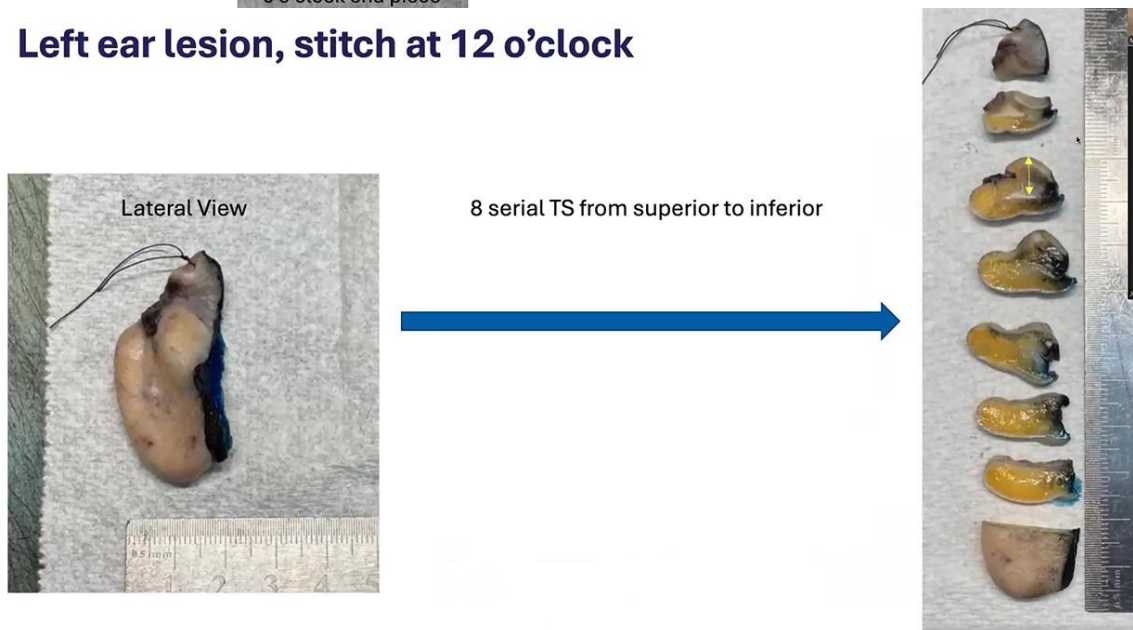


The 3rd speaker was Lilian Fallner from the Royal Hobart Hospital, who emphasised the need for consistency in the process of inking of the specimens. She talked us through how the wedges are handled at grossing and block selection orientation to get a to a report that gives the clinicians a clear picture of the margin status.

Speaker 4 Mayu Uemura from Monash Pathology looked at a couple of ear wedges and had some great images highlighting establishing the orientation, inking and block creation, as can be seen in these slides from the presentation.



Left ear lesion, stitch at 12 o'clock



Takeaway messages from the talks were there are many complex specimens in Histology, but the wedge biopsies are unique. They require very clear orientation (ask for assistance if this is not clear), imaging (whether a drawing or photo) inking and thoughtful block creation to give the result of size, depth of the tumour and accurate margins. The insight into the added complexities of veterinary specimens was a reminder of the anatomical details of our beloved pets.

IHC Antibody

SPOTLIGHT

Interleukin 36 (IL-36)

By Julachai Yonterng

IL-36 is a cytokine belonging to the larger IL-1 superfamily that promotes immune response and inflammation notably in the Th17 pathway.¹

IL-36 is noted for causing immune responses and inflammation around the Gastrointestinal Tract, Lungs and Skin.¹

The upregulation of Th17/IL-36 manifests commonly in chronic inflammatory conditions such as psoriasis, making the IL-36 antibody a valuable tool in investigating chronic inflammatory conditions of the skin.

IL-36 in IHC can help distinguish psoriasis from mycosis fungoides, pemphigus foliaceus, lichen simplex chronicus and syphilis.²

Furthermore, IL-36 can help distinguish psoriasis from mimickers such as pityriasis rosea and pityriasis lichenoides.³

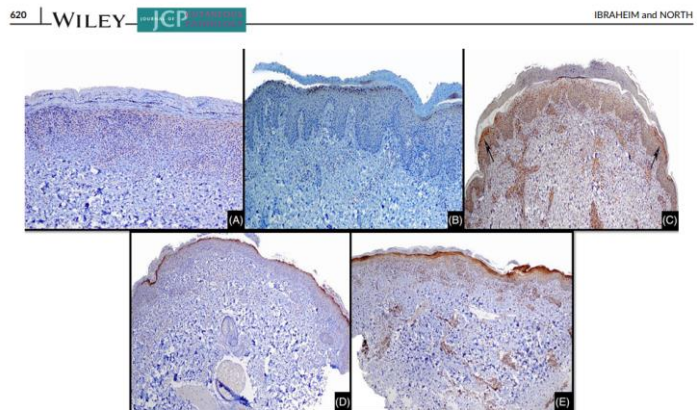


FIGURE 1 Scoring of IL-36 immunostaining. (A) 0. Negative in the case of PL. (B) 1. Focal weak in a case of PR with light brown cytoplasmic staining focally in the granular zone and spinous zone in the central part of the biopsy specimen. (C) 2. Diffuse weak staining in a case of PL with light brown cytoplasmic staining present throughout the upper epidermis. Two small areas of somewhat greater positivity (arrows) are present, but the overall pattern shows weak expression and would therefore be scored as 2. (D) 3. Moderate diffuse with focal strong positivity in a case of PL. (E) 4. Diffuse strong positivity in an outlier case of PL. (A-D) IL-36 $\times 100$ magnification.

1. Zhou, L., Todorovic, V. (2020). Interleukin-36: Structure, Signaling and Function. In: Atassi, M.Z. (eds) Protein Reviews . Advances in Experimental Medicine and Biology(), vol 21. Springer, Cham. https://doi.org/10.1007/5584_2020_488

2. Aquino TM, Calvarido MG, North JP. Interleukin 36 expression in psoriasis variants and other dermatologic diseases with psoriasis-like histopathologic features. *J Cutan Pathol.* 2022;49(2):123-132. <https://doi.org/10.1111/cup.14115>

3. Ibraheim MK, North JP. Utility of IL-36 immunostaining in distinguishing psoriasis from pityriasis rosea and pityriasis lichenoides. *J Cutan Pathol.* 2024;51(8):618-623. doi:10.1111/cup.14633

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Future Events 2026

Scientific Meeting | 11th June

Title: *Cardiac Biopsies*

Presenters: *Prof. Simon Nazaretian & Clair Paul*

Trivia Night | 7th August ^{*updated*}

Location: La Di Da, Little Bourke Street

National Histology Conference | 11-13th September

Location: Perth

Scientific Meeting | 8th October

Title: *TBA*

Presenters: TBA