

PARAFFINALIA NEWSLETTER

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September 2018

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

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Committee Page

The members of the Histology Group of Victoria 2018 are:

Name	Institution
Kellie Madigan	Leica Biosystems
Adrian Warmington	Clinicallabs (Ballarat)
Mark Bromley	Sullivan Nicolaides Pathology
Elizabeth Baranyai	Cabrini Health
Samantha Arandelovic	Clinicallabs (Geelong)
Alison Boyd	St. Vincent's Pathology
Kellie Vukovic	Sullivan Nicolaides Pathology
Sue Sturrock	RMIT
Meghan Leo	Peter MacCallum Cancer Centre
Darcee Mc Nair	Clinicallabs (Geelong)
Kerrie Scott-Dowell	Dorevitch Pathology/Leica
Emma Pan	Walter & Eliza Hall Institute

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<http://www.hgv.org.au/contact-us>

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President's Report

Hello Everyone

Lots of exciting things are happening within the HGV committee at the moment. We are in the process of changing our Rules of Association and incorporating Tasmania into the Histology Group. We felt that the success of last year's National Histology Conference in Hobart, combined with the enthusiastic support of the Tasmanian Histology community facilitated an excellent opportunity to foster relations between the two states and combine to form a dynamic continuing educational program that will benefit both states. Further details will be made available as we approach our AGM meeting in November. To kick off this new group we are planning a Scientific Meeting in Hobart in October – again further details will be circulated via email soon.

Last month saw another successful Trivia Night with the largest turn out so far of 110 people – thank you all for your continued support for this event and thank you to the Trade companies who also continue to support both with sponsorship, but also by participating on the night.

During the Trivia Night it was my pleasure to nominate and present two 10 Year Committee Life Memberships to Sue Sturrock and Mark Bromley, both of whom have been influential in keeping the HGV successful, but also in their contributions to the Histology community.

The end of the year is fast approaching, and we still have two fantastic Melbourne Scientific Meetings in September and November. I look forward to seeing you all there.

Kellie Madigan



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Under the Microscope: Melissa Brown

Anatomical Pathology, Medical Scientist Grade 2, ACL Ballarat

1. What was your first part-time job?

I am a country girl, so before I was old enough to have a proper part time job, I would spend my weekends bagging cow manure to sell out the front of my grandparent's house. My first real part time job was working at the Smythesdale General store.

2. How long have you worked in histology?

This year marks my seventh year in histology. I started as a lab assistant while doing my honours and have progressed from there.

3. When people ask, "So, what do you do?" How do you explain Histology?

I explain that histology is the department in the pathology laboratory that deals with tissue samples. Then I say basically, I cut up bits of tissue to get a really thin section on a slide, that is then stained and looked at under the microscope by pathologists to make a diagnosis.

4. What is a skill you'd like to learn and why?

I took up skiing four years ago, and I would love to become advanced enough to be able to do heli-skiing. I think that it would be a great adrenalin rush!

5. If you won the lottery, what would you do?

I would travel the world with my partner.

6. Who do you most admire in life?

My fiancé Paul, he is the most positive, fun-loving and adventurous person I know. He inspires me to step out of my comfort zone and to always look on the positive side of life.

7. If you could witness any event of the past, present or future, what would it be?

I really want to go to Finland to witness the northern lights, hopefully I will get to do this next year. An event in the past would be queen in concert with Freddie Mercury.

8. What is the best conference you have ever attended?

I've only been to one conference so far in my career. I hope to attend some more in the near future.

9 If you could only keep five possessions, what would they be?

I would keep my two beautiful dogs (Sasha and Nala), my engagement ring, my hard-drive with all my photos and my collection of programs from the theatre.

10. What is your dream holiday destination and why?

Currently my dream destination is Nepal to do the Everest base camp trek. I did the Kokoda track in 2015 and since then I've been eager to do more trekking.



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Incorporation of Tasmania

The success of the 2017 National meeting in Tasmania was truly a national accomplishment. For the first time the organising committee met regularly with representatives from all states. This included both Tasmania and Western Australia, states that at the time did not have organised histology groups. It was agreed from the outset that any profits generated from the conference would be distributed to all states as opposed to being retained by Victoria despite the HGV essentially being the host organising state. Following the conference, the states agreed that the funds would not be distributed to state coffers but held in trust by Victoria for special projects. It was agreed that part of these funds would be used to assist continuing education in both WA and TAS. Since the national meeting, there has been a surge of activity in WA resulting in the formation and incorporation of a histology group. Part of the conference profits have now been passed to WA to get them going financially. WA have already commenced holding scientific meetings with great success. The HGV committee considered how we could influence TAS to enhance the delivery of continuing education in TAS. Being significantly smaller than the other states, both in population and numbers of histologists, attempting to create a TAS histology group did not seem viable. As such the committee, in consultation with and support of Tasmanians, is proposing to bring Tasmania under the banner of the HGV.

With more information to follow, the committee will propose at our 2018 AGM to change our name to the Histology Group of Victoria and Tasmania. The committee has already reviewed our Rules of Incorporation to facilitate Tasmania to be included. The committee must seek and obtain approval of the members to make this change. An important part of that change will be to amend the rules that govern the composition of the committee. The proposed Rules provide for committee positions for Tasmanians and Victorians, but also extends this further to provide positions for Melbournians, Hobartians, regional Victorians and regional Tasmanians.

Our AGM is scheduled for November when the committee will put forward this historic change. But we are not waiting. In October the HGV committee is getting on the front foot to show Tasmanians we are serious about bringing them into the fold by encouraging the Tasmanian histologists to attend a local scientific meeting. The committee is conducting a scientific meeting in Hobart on a Saturday morning. This first meeting will be a longer format, 2.5hrs and is on a Saturday to encourage regional Tasmanians, particularly histologists in Launceston to make the trip. Of course, Victorians are more than welcome to attend. The committee will then look towards formulating a scientific program for both Tasmania and Victoria in 2019.

This is an exciting time for the HGV as we extend our mission to provide continuing education opportunities to two states, who over the past few years have become closer than the divide of the Bass Strait, to the point where we can now literally open our arms and receive them into the fold.

*Adrian Warmington
HGV Secretary*

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Scan time	20x: approximately 36 seconds, 40x: approximately 73 seconds for a 15 x 15mm AOI
Slide handling	No slide handling, tray-based movement
Objective	Nikon CFI PLAN APO LAMBDA 20x
Dimensions / weight	49.78cm x 67.82cm x 46.23cm / <48 kg
Calibration	Auto-calibration

*Time to view includes tray loading, thumbnailing and image acquisition.

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Scientific Meeting Review

The HGV's July meeting saw a road trip to Ringwood for a tour of the Trajan Scientific and Medical facility as well as an entertaining talk from Professor Graeme Suthers on breast cancer assays.

Stephen from Trajan spoke enthusiastically about the company's vision that science must benefit people. I was impressed by how closely they work with multiple universities to support PhD students and projects that make a difference. Trajan has acquired businesses that benefit people, the latest Hemapen, is a micro sampling device for precision bio- sampling. The accurate glass tubing manufacturing for integration with mass spectrometry was very impressive, but the generosity of donating a percentage of their monthly income to the Royal District Nursing Service for wound care in the elderly, makes this company outstanding in our field.

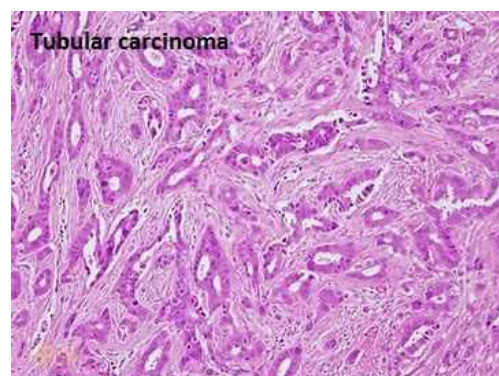
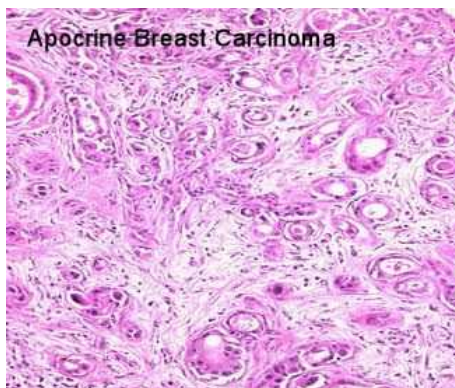
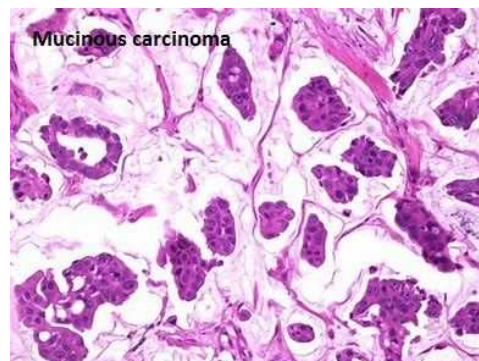
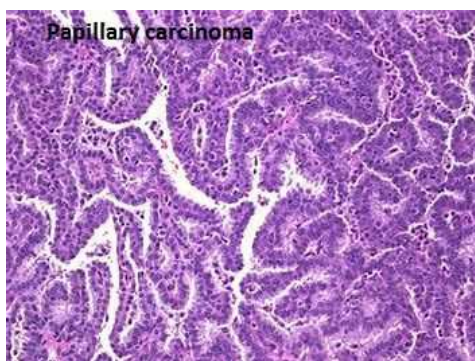
Professor Suthers explained how Sonic assessed what gene expression assay they would perform, as oncologists look to gene expression to predict tumour behaviour. The guidelines for this assessment were:

Accuracy-does the test accurately reflect the actual biology?

Relevance-is the test result clinically meaningful?

Utility-does the test result add new information?

Value-is the new information worth the price?



Less common breast tumour types such as these are often difficult to predict patient responses

Scientific Meeting Review

Sonic assessed 4 genetic assays using these principles. They were OncotypeDX, Mammaprint, EndoPredict and Prosigna. Prosigna and EndoPredict outperformed OncotypeDX and both also have confirmed utility beyond 5 years. Prosigna alone reported the subtype and genetic subtype is a more reliable guide to predicting response to chemotherapy than IHC. Therefore, it is the subtype that may assist the decision-making in those patients at intermediate risk of recurrence.

Prosigna also has validity in cancers of rare histotypes such as Apocrine, Medullary, Mucinous, Papillary, Secretory, Tubular and Neuroendocrine. Professor Suthers' final slide showed exactly why the Prosigna gene expression assay was superior to the others tested and why Sonic is using it today.

Comparing gene expression assays in breast cancer

	OncotypeDX	Mammaprint	EndoPredict	Prosigna
Accuracy				
Relevance				
Utility				
Intermed. risk				
Accreditation	Overseas	Overseas	Australia	Australia
Price (Mar '18)	~\$4,500	~\$6,000	\$2,980	\$2,900

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Big thanks to Trajan and Professor Suthers for taking their time to educating the HGV.

Kerrie Scott



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2018 Trivia Night Review

By Kellie Vukovic

The 2018 Trivia night held on Friday 3rd August at The Metropolitan Hotel was another huge success with 110 participants – our biggest turn out in many years. There was good food, friendly staff, a brand new entertaining host, movie tickets, wine, chocolates and of course the inaugural wax covered trophy.

With a new host, this year was run a bit differently with 3 rounds plus the bonus Histology round at the end. The rounds were extremely competitive with a bag of chocolates on the line plus bragging rights for the winning team. With a perfect score of 15/15 the first round was won by The Alfred and with a score of 15.5/16 the second very popular music round was also won by the Alfred. The third round was a dead heat (15/15) between St Vincent's and the ACL/Trade table. The winning prize was determined with a skull off – one person from each team was brought up the front and had to drink a glass of water through a straw the fastest. It was very close to the end but the winning team ended up being St Vincent's.



The bonus Histology round was especially competitive this year with six out of twelve teams scoring 13/15 points – The Alfred, Austin, Royal Children's, St Vincent's, ACL/Trade and Peter Mac 1. A big thank you to Michael Walsh from Sullivan Nicolaides for coming up with the questions this year.

The final results were:

RANKING	TEAM NAME/LAB	POINTS
1 ST	7 Parmas, 2 Salads – The Alfred	57.5
2 nd	The Flying V's – St Vincent's	54.5
3 rd	Bob will fix it – ACL/Olympus/Agilent	54
4 th	Quiz in my pants – Leica 1	53
5 th	50 shades of Haematoxylin - Austin	51
6 th	Leica Virgin – Leica 2	51
7 th	Ferro Roche – Royal Children's/Roche	50.5
8 th	P2 - PeterMac	50
9 th	P1 - PeterMac	49
10 th	Area 51 - ACL	48
11 th	Kermit - RMIT	45.5
12 th	Nigel No Friends - AnatPath	45.5

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2018 Trivia Night Review



During the night we also inducted two very worthy Histologists as life members to the Histology Group of Victoria – Sue Sturrock and Mark Bromley. Both have contributed so much to our industry over the years and are very deserving of this honour.



We would like to say a big thank you to our generous sponsors because without their support a night like this couldn't happen – Leica, Agilent, Sysmex, ThermoFisher, Roche and Olympus!



2018 Trivia Night Review



Delphic AP Specimen Preparation Kentish Plover

Test Details

Test ID	16/S00297	NHI	PID0003
ID		Urgency	Routine
Test name	Plover, Kentish		

Specimen Details

Specimen ID	1 (1 of 1)	Blocks	10
Specimen Type	APPER	Remaining	No
Specimen Description	Appendix		

Details

Block	Pieces	Procedures	Block Type	Hold	H & E	Decal	Block Comments
1/A	Not Used	1 HE	Paraffin	No	1	N/A	
1/B	Not Used	1 HE	Paraffin	No	1	N/A	
1/C	Not Used	1 HE, AB	Paraffin	No	1	N/A	
1/D	Not Used	Many AB	Paraffin	No	1	N/A	Block contains small specimen fragments
			Paraffin	No	1	N/A	
			Paraffin	No	1	N/A	
				No	1	N/A	
				No	1	N/A	
				1		N/A	

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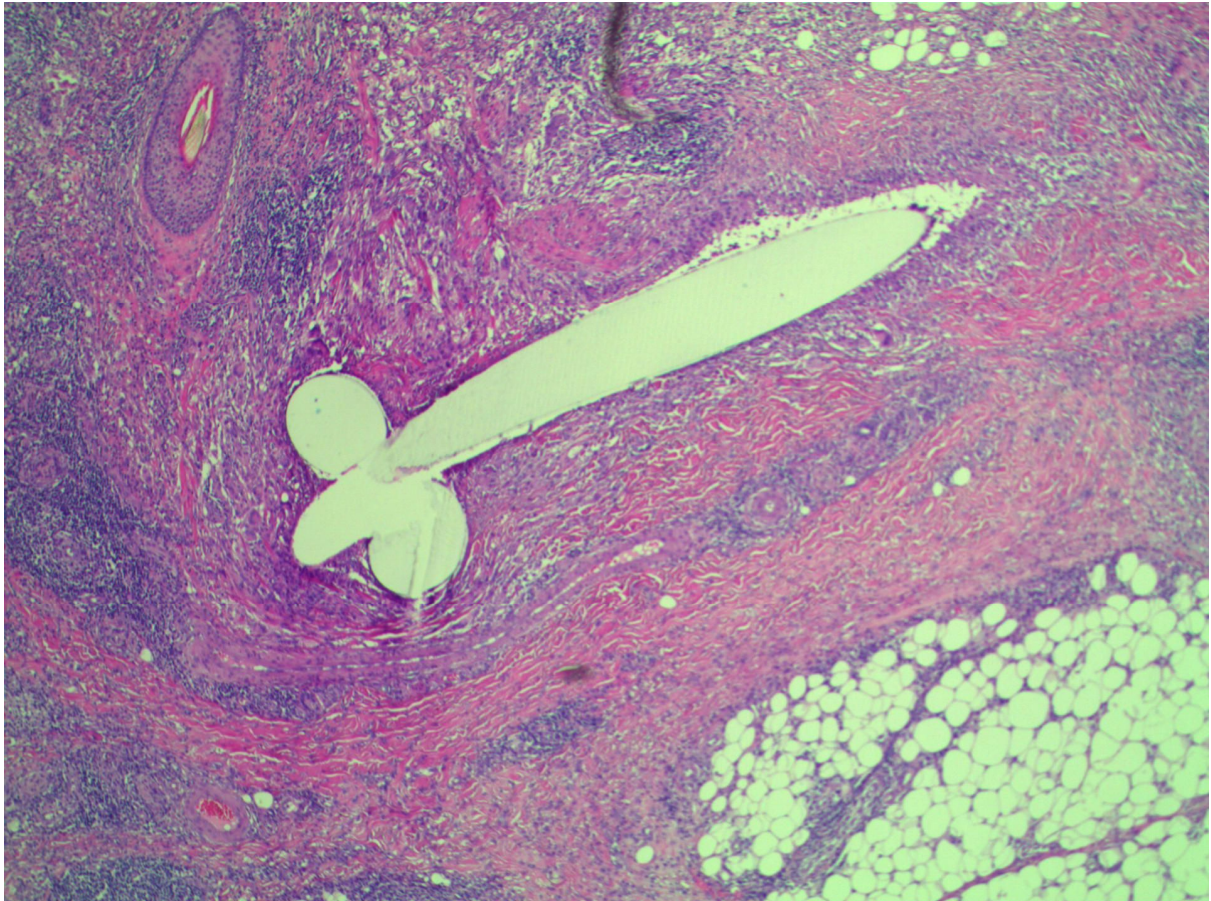
2018 Trivia Night Review



Image of the Month

Clinical Notes:

Wide excision of malignant melanoma.



What can you see???

It is a suture, of course.

The birefringence was difficult to capture in the image, but a suture is expected after a recent surgical procedure.

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**MEETING NOTICE & AGENDA
Histology Group of Victoria Incorporated
Annual General Meeting**

**The Histology Group of Victoria hereby provides notice of the 2017/2018
Annual General Meeting**

Thursday 15th November 2018 at 6:45pm

**Peter MacCallum Cancer Centre
Level 7 Lecture Theatre B
VCCC Building
305 Grattan Street, Parkville**

Meeting Open

- 1. Accept Minutes AGM 2016/2017**
- 2. President's Report**
- 3. Financial Report**
- 4. Motion: To accept a change of name from The Histology Group of Victoria to The Histology Group of Victoria and Tasmania**
- 5. Motion: To accept the amendments to the Rules of the Association**
- 6. Motion: To confer life membership to Elizabeth Baranyai for services to the HGV committee.**
- 7. Election of office bearers and committee**
- 8. General Business**

Meeting Closed



Nomination Form

Histology Group of Victoria Committee

Thursday 15th November, 2018 at 6:45pm

**Peter MacCallum Cancer Centre
Level 7 Lecture Theatre B
VCCC Building
305 Grattan Street, Parkville**

Nominated Person: _____

Institution: _____

Email Address: _____

Position Nominated For: ☐ President ☐ Treasurer
(Please tick box) ☐ Secretary ☐ Committee Member

All nominations must be signed by two HGV members
(If you receive Paraffinalia you are a member)

Name of Member: _____ Signature: _____

Name of Member: _____ Signature: _____

Nominations must have the consent of the nominee

Signature of Nominee: _____

Nominations must be returned no later than COB Thursday 8th November, 2018.

Please scan and email nomination form to secretary@hgv.org.au

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Multiplexing IHC

Speakers: Emma Pan
Walter & Eliza Hall Institute

Marne Prinsloo
Peter McCallum Cancer Centre

Date: Thursday 20th September 2018

Time: 6:00 – 6:45 Refreshments
6:45 – 7:45 Presentations

Venue: Foyer - Level 7 Lecture Theatre B
Peter MacCallum Cancer Centre
VCCC Building
305 Grattan Street, Parkville

Parking: 1) VCCC - enter off Flemington Road (\$14 for 1-2 hours)
2) Wilson Parking – 33 Bedford Street, North Melbourne
(Pay by credit card at machine & display ticket - \$3 after 4pm)
3) University of Melbourne Royal Parade Car Park –
10 Royal Parade, Parkville (Pay & display - \$8 after 5pm)

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Attendance at this meeting contributes to APACE points

Histology Group of Victoria
Incorporated 1998



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Following the success of the 2017 National Histology Conference in Hobart, Tasmania, the HGV committee it is planning to expand to incorporate Tasmania and form the Histology Group of Victoria and Tasmania.

As such we are proud to hold

The Inaugural Scientific Meeting in Tasmania

on Saturday 20th October 9.30am – 12pm,

at the Keith Milligan Lecture Theatre,

Collins Street Hobart.

Followed by an optional lunch at a nearby location.

The crispy brown stain in IHC – can it be mis-leading: Errors made, and lessons learnt

Dr Beena Kumar, Monash Medical Centre

The truth about S*#T

Dr Penny Yarrow, Anatomical Pathologist, Hobart Pathology

3rd speaker TBA

We invite all Histology professionals in Tasmania to join us at this event, and we also extend an invite to any Victorian Histology professionals who also wish to make the journey further south.

We will also be seeking interest from Tasmanian Histology professionals who would be interested in holding a position on the committee or present at future regular scientific meetings in 2019 and beyond.

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Future Events:

2018

Thursday 20th September

Educational Evening- Multiplex and other IHC

Venue- Peter Mac

Saturday 20th October

Educational Meeting- Mis-leading IHC, The truth about S*#T and Gene Assay

Venue-Keith Millgen Lecture Theatre, Hobart

Thursday 15th November

Educational Evening- TBA

Venue- Peter Mac

May 2019

National Histology Conference

Adelaide