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PARAFRINALIA

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Editor: Elizabeth Baranyai

"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.

Committee Page

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Please feel free to contact any of the committee members listed above with any comments or suggestions. Contributions are always welcome.

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-FREE list on **Used Equipment** FREE Website

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50 words – no logos/no pictures

Positions Vacant

No Logo up to 75 words FREE

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BLURB FROM THE BUSH

AGM President's Report 2013

The 2012/2013 year was highlighted with Melbourne hosting the National Histology meeting. The committee was extremely proud of being able to deliver what we, perhaps subjectively, feel was the most professional Histology conference delivered in this country. Whilst the committee chose to engage a conference organiser, an event of this magnitude does not happen without significant contributions and team work. I would like to highlight the contribution of Maria Boyer who once again put together an amazingly diverse and well-structured program. Maria has now chosen to leave the committee but does so on a high, will be missed, though we look forward to a time when she might again be able to dedicate her services to the HGV. Along with Maria I would like to thank Michelle Zammit who decided not to continue on committee at the last AGM, but was persuaded to remain on committee until the conclusion of the National meeting. Michelle was integral in maintaining minutes of all our meetings, of which there are many leading to such an event.

Apart from the National meeting and including tonight, the HGV only held two scientific meetings. The trend over the past few years has been away from these meetings, with numbers certainly low, but perhaps this is indicative of the success of Histology conferences both here and interstate and testament to how professional these have become throughout Australia.

One activity that continues to grow is the annual trivia night. I would like to highlight the significant contribution of Kellie Vukovic for her efforts in organising this year's event. Kellie moved the venue this year to cater for the demand on tables and introduced a meal into the evening. Again the night was successful albeit with some poor venue service. Irrespective, it provides an excellent opportunity to socialise with colleagues over a few ales again realising that we have again forgotten Don Bradman's average.

Lastly I would like to highlight the efforts of select committee members who contribute to specific roles; Sean Phefley for IT support, Liz Baranyai as newsletter editor, Kristy De George as Trade liaison and Nguyen Nguyen for coordinating scientific meetings. Nguyen has decided not to continue on the committee next year but has had terrific input over the past 7 years and will be missed.

Lastly I would like to pay tribute to Judy Brincat. It is with regret that we finally say farewell to Judy as a member of the HGV committee. Our records show that Judy was one of the founding members of the current incarnation of the HGV, back in 1996. She was an ordinary committee member until 1999 when she became the second President of the HGV holding the office for 8 years. After another year as an ordinary committee member she assumed the role as Treasurer, a role she has held for the past 5 years. Judy has served on the committee for a staggering 17 years without break. She was integral in the evolution of the Histology National meetings and the Coonawarra meetings. She is a life member of the HGV. Quite simply without the dedication and enthusiasm Judy has maintained for the provision of excellent quality further education in the field of Histology, the HGV would not be in the position of strength it finds itself in today. We all owe Judy a level of gratitude for her dedication to our science. We wish her well.

Next year sees the Histology group of South Australia organising a joint meeting with the HGV at Mount Gambier in March. In the same style as Coonawarra, we hope that the weekend will be well supported. In addition, whilst still in a preliminary phase of organisation, the HGV has decided to attempt a meeting in Tasmania late in 2014. With the assistance of Tasmanian members we hope that Tasmania can ultimately, with support from established Histology groups, become a viable venue for National meetings into the future and perhaps establish their own group. We hope to be able to release more details towards the end of this year and hope that Victorian members will get behind the venture.

Adrian Warmington HGV President

Under the Microscope with Bron Christiansen Reported by Kellie Vucovic

Anatomical Pathology

Grade: 3

Royal Children's Hospital

1. What was your first job?

I worked doing data entry for a wine tasting company. Unfortunately I was under age and couldn't help with the "tasting" component.

2. How long have you worked in histology?

Since 1996. I started as a Laboratory Technician at the Mercy Hospital for Women.

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

I talk about it as "spare parts" – Anything that is not needed or needs replacing, we get. I also use the "deli slicer" analogy that we slice our samples into thin sheets; as you would do with the meat at the deli. Makes people look at the humble deli in a whole new way....

4. Who would you most like to have dinner with and why?

My mum.... She passed away in June 2013 and I have so much I want to share with her. I still have her mobile phone number in my phone just waiting for the big guy to get connected.

5. What is your all-time favourite movie?

I love a movie that makes me laugh. Team America just brings tears to my eyes... (Also a bit of a Twilight fan too, but don't hold that against me!)

6. What is your favourite stain?

Beauty is in simplicity... Perls Prussian Blue is always a winner.

7. What is your favourite food/Restaurant?

I love a banquet! Anytime I can walk out of a restaurant feeling contented, I'm happy. However I have had a few awesome roast dinners out of camp ovens in the middle of the bush! Perhaps I like those types of dinners the best!

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

I liked AIMS Adelaide a few years ago. It had a really good program and was a chance to catch up with great friends.

9. What is your dream holiday destination and why?

I'd love to be able to hook up our caravan and drive around Australia with my family. We have recently travelled 4000ks to the Simpson Desert and back which was unbelievable. Definitely got my attention as to how massive Australia is and I want to see more!

10. How has the move to a new home been?

Definitely a challenge but amazing how a great team and a good plan can make it happen! From packing up 60 years of archives to managing to keep the lab running over two sites on move day, it was a great event to be a part of.

I have been so lucky to have inspiring, genuine, and beautiful people around me – I'm a very lucky girl.

Australia's first Paediatric Intestinal Transplant Presented by Tania Marsden-Review by Samantha Arandelovic

In 2012 Royal Children's Hospital performed a first multi organ transplant on a 13 year old boy from Egypt who was diagnosed with Hirschprung's disease- long segment. He was on the transplant list for 4.5 years, waiting for a new liver, small bowel, pancreas and duodenum. He received a new liver, small bowel and retained his original pancreas and duodenum. For the transplant to be successful the organs needed to come from someone who was equivalent or smaller in size than recipient.

In the first 2 months of life he had 5 operations in Egypt. He arrived in Australia in 2004 and was placed on Total Parental Nutrition (TPN), to maintain adequate nutrition and hydration. In 2003 he had a biopsy done to confirm Hirschprung's disease and create an ileostomy. Also 14 biopsies were taken from the small intestine to the rectum. In half of the specimens there were small clusters of neurons, with irregular distribution and few clusters of neurons in the submucosal and myenteric plexuses in the ileostomy.

In 2005 he had a liver biopsy done and his gallbladder removed. The liver biopsy showed markedly increased cholestasis within the hepatocytes and ducts with bridging fibrosis. The portal tracts were broad and fibrotic, with lymphocytic infiltration. There was however, no cirrhosis. The gall bladder contained a large calculus but was otherwise unremarkable.

A second liver biopsy was done in 2007. This showed a lobular pattern disruption of the liver. The portal tracts showed focal round cell infiltration and prominent bridging fibrosis between adjacent portal tracts. Again there was no evidence of cirrhosis. More of the small bowel was removed in 2008. This showed an irregular distribution of neurons in the myenteric plexus.

In 2009 another liver biopsy was performed which showed abnormal architecture with fibrosis expansion of portal tracts and fibrosis bands. Irregular nodules of hepatocytes and some lack central veins suggested cirrhosis had occurred.

In March 2012 after 4.5 years of waiting for the donor, the time came for the 13 year old boy to have a multi organ transplant. The procedure lasted ten and a half hours.

Small bowel - 280x25mm of proximal segment and 225x25mm of distal segment was removed. Microscopically the distal end of the distal segment, contained a long stretch of muscularis propia with no ganglion cells. However the proximal end of the distal segment contained normal clusters of ganglion cells. Then the liver was removed. It showed an abnormal lobular architecture. The left lobe showed evidence of cirrhosis with numerous regenerative nodules separated by broad fibrous septa. The right lobe showed bridging fibrosis.

Rejection is the major complication after transplant. To detect rejection, frequent biopsies of the ileum had to be performed every 3 days for 6 weeks. These were processed using Urgent short cycle protocol. Then sections were cut following the protocol outlined below:

- S x 2 H+E at Level 1
- S x 2 H+E at Level 2 and EBER, CMV and C4d
- S x 2 H+E at Level 3
- Levels cut at 200 μm.

Unfortunately 8 months post-transplant, the patient showed signs of liver rejection. One month later, there were signs of small bowel rejection. His medication was subsequently adjusted and at 20 months post-transplant there were no signs of rejection. His medication is slowly being reduced and he continues to have regular biopsies done.

With Intestinal transplants there is hope for patients with short gut syndrome. The costs associated with them are quite high. In the US, TPN costs \$150,000 per year. Intestinal transplants cost \$219,000 with medication costing \$12,000 per year.

The long term survival rate is 2-3 decades for TPN, and 50-80% 5 year survival for ITx.





Joint Meeting

SAVE THE DATE

8th-9th March 2014

@ The Quality Inn Presidential
Mt Gambier

Mt. Gambier Conference Speakers

Speakers	Topic titles/ brief overview
Penny Wippy	new Haematoxylin evaluated here at University of Canberra. It would be titled "Rentsch's Haematoxylin – an evaluation and optimisation study
Heather Renko	short presentation on IHC controls
Kellie Madigan	MOH case study: patient with multiple myeloma who is presenting with massive SCC's every few months
Deanna Wallis	immuno case study on alveolar rhabdomyosarcoma.
Maria Boyer	Presentation a talk on Necrotizing fasciitis and the correlation between the histopathology and microbiology results.
Margaret Dimech	Online Macroscopic Cut-up Manual being developed by the Royal College of Pathologists Australasia. It is intended that the manual be applicable to a range of Anatomical Pathology laboratory staff including consultant pathologists, trainee/registrar pathologists & non-pathologist staff (technicians, technologists, scientists & quality managers).
Dr T Thomas	Investigation of Sudden Unexpected Natural Deaths in the Young
Emily Schneider	The different challenges experienced going from working 5 years in a diagnostic pathology laboratory (Adelaide Pathology Partners) to a research supporting histology laboratory at Adelaide University.





Information & Registration

Joint Meeting between Histology Group of South Australia

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Histology Group of Victoria

MARCH 8th-9th, 2014

QUALITY INN PRESIDENTIAL MOTEL

Phone: (08) 87249966

JUBILEE HIGHWAY WEST, MT GAMBIER, SA 5290

Accommodation:

Where:

Quality Inn Presidential: Conference participants to book their own accommodation direct with the motel. The property has 51 rooms available for the dates specified. A range of room types are possible (Standard, Spa, Executive Spa and King) and will be allocated on a first come, first served basis at a flat rate of:

- \$ \$120 per room (single or double occupancy − 1 x King or Queen bed)
- \$130 per room (twin share occupancy − 1 x queen bed, 1 x single bed).

The neighbouring property, the Tower Motor Inn, has 19 rooms and is just 150 metres away. The Tower Motor Inn can take overflow for any bookings that exceed our capacity and bookings can be made directly with them on 08 87249411.

Dietary Requirements:

The Quality Inn is happy to accommodate special dietary requirements and food allergies. Please specify on the registration form which foods you cannot eat or the diet you must have (e.g. gluten-free, vegetarian, vegan, lactose-free, specific food allergies, etc.).

Optional Extras:

Breakfast: Available daily between 7am and 9am. Current pricing is \$14.00 for continental, \$18.00 for cooked breakfast (which includes continental).



Conference Programme:

Saturday 8th March:

8:00-9:00am Signing-in & receiving conference material, meeting & greeting

9:00-9:15am Opening by Chairman

9:15-10:15am Dr Tony Thomas

10:15-10:45am Morning tea

10:45-12:00pm Histology talks (4x 15min talks + question time)

- 1. Stephen Pulbrook
- 2. Deanna Wallis-Hill
- 3. Kellie Madigan
- 4. Heather Renko

12:00-12:45pm Lunch

1:00-4:00/5:00pm Optional Social Program (3 different tours on offer)

6:30-7:00pm Pre-drinks

7:00pm (midnight closure) Conference Dinner

(Theme is "Something Blue")

Sunday 9th March:

8:30-9:00am Signing-in

9:00-9:30am Grant King

9:30-10:00am Maria Boyer

10:00-10:30am Morning Tea

10:30-11:45am Histology Cut-up talks (4x 15 min talks + question time)

- 1. Penelope Whippy
- 2. Emily Schneider
- 3. Christine Mott
- 4. Margaret Dimech

11:45-12:15 Presentation on the Blue Lake (speaker TBA)

12:15-12:30pm Closing by Chairman

12:30pm Optional lunch



Social Programme:

All three tours available as options at \$55 per person per tour. Partners welcome.

Number are limited to Minimum 18 and Maximum 52 per tour due to coach and boat size. You may choose to select a second option to avoid disappointment.

Tour 1: River Boat Tour on Glenelg River & Tour of Princess Margaret Rose Caves

Travel by coach to Princess Margaret Rose Caves for a guided tour. Following the tour, board the Nelson Endeavour, where you will enjoy afternoon tea during the scenic cruise to Nelson. Return via coach from Nelson to the motel. Duration - 4 hours.

Tour 2: Port MacDonnell Lobster Fishing Tour

Travel by coach to Australia's Lobster Fishing Capital, Port MacDonnell. Take a visit to the Maritime Museum and learn about rustic village's history and development before strolling to the end of the jetty to inspect a lobster fishing boat and talk to a local fisherman about today's modern equipment and practices (and maybe a sample of lobster and glass of wine). From here, see an operational lobster exporting facility before returning to Mount Gambier via coach. Duration – 3 hours.

Tour 3: Blue Lake, Blue Lake Pumping Station & Mount Gambier Wineries

Take a guided tour of the Blue Lake and its historic pumping station. Then venture on to a couple of local cellar doors for tastings from Australia's most recently proclaimed wine-growing region, accompanied by fruit and cheese platters. Duration -3 hours.

Conference Dinner:

Conference dinner is included in full registration only. However, those opting for the "Saturday Only Registration" and/or wishing for themselves/their partners to join can add the dinner to their registration for \$100 per person (includes 3-course-meal, drinks package and DJ). Theme is "Something Blue", so add a little blue to your outfit to match the lovely Blue Lake!

Sunday Lunch:

Lunch on Sunday is not included in registration and is at an additional cost. For those wishing to stay for lunch after the conference closure on Sunday, please advise us on the registration form (partners also welcome).



REGISTRATION FORM

Registration closes 21st February 2014

Name (to appear on name tag):							
Business Name:			_				
Mailing Address:							
Email (for correspondence):							
FULL REGISTRATION (EARLY-BIRD PRICE) (M.) Includes Conference Package- morning tea- Sat	ust be paid by 10/1/2014 to		l late fee)				
> Saturday lunch and Conference Dinner	@\$180	\$					
SATURDAY ONLY REGISTRATION (EARLY-BI							
> Includes conference package, morning tea an	@ \$90	\$					
SOCIAL PROGRAMME – OPTIONAL TOURS → Choice of 1 tour only, please tick next to you → Accompanying person welcome □ Tour 1: → River Boat Tour on Glenelg River & Tour of Princess Margaret Rose Caves	r preferred tour (limited)		\$				
□ Tour 2: > Port Mac Donnell Lobster Fishing Tour	× (@\$55/person	\$				
□ Tour 3: Blue Lake, Blue Lake Pumping Station & Mount Gambier Wineries	× (@\$55/person	\$				
CONFERENCE DINNER ONLY → Accompanying person welcome	x (@\$100/person	\$				
SUNDAY LUNCH (Not Included in Registration) → Accompanying person welcome	x (@\$16/person	\$				
<u>LATE REGISTRATION FEE</u> (For Registration after	\$						
		TOTAL:	\$				
SIGNATURE:DATE: SPECIAL REQUIREMENTS (please advise us of any dietary requirements or mobility issues):							
SEND TO: Mt Gambier Conference Secretariat Ruth Davies Surgical Pathology	PAYMENT OPTIONS: Cheque: Histology Group of South Australia (ABN: 69 695 767 121) Direct Deposit: Histology Group of South Australia						
SA Pathology (TQEH) (ABN: 69 695 767 121) Rational Australia Bank SA, 5011 (ABN: 69 695 767 121) (ABN: 69 695 767 121) (ABN: 69 695 767 121)							
T 08 82226190 F 08 82226425	Transactions must inclu	Fransactions must include delegate's name.					

<u>Please Note:</u> Refunds are subject to numbers attending and are at the discretion of the HGSA committee. Non-attendance is not an acceptable reason for requesting a refund, except under extenuating circumstances.

ruth.davies@health.sa.gov.au



Org. No. A0035235F

RMIT Student Project Presentations

Speakers: Natalia Sam – Canine Breast IHC

Lin Li – Breast Cancer Metastasis Cris Rabaja – Homeostasis & Cancer

Date: Thursday 6th February, 2014

Time: 6:00 - 6:45 Refreshments

6:45 - 7:45 Presentation

Venue: Brockhoff Lecture Theatre

Level 3, Smorgan Family Building Peter MacCallum Cancer Centre St. Andrew's Place, East Melbourne



Attendance at this meeting contributes to APACE points



Future Events:

2014

Org. No. A0035235F

Thursday 5thst February

Scientific Meeting-RIMT Student Project Presentations

Venue: Peter Mac

March 8-9

Joint Meeting (Histo SA & HGV)

Venue: The Quality Inn Presidential, Mt. Gambier, South Australia

March 21-23

4th International Workshop in Diagnostic Immunohistochemistry

Venue: Outrigger Twin Towns Resort Coolangatta-Tweed Heads, NSW

April 9-11

Cut-up Workshop

Venue: CIT, Bruce, ACT

Thursday 15th May

Scientific Meeting Venue: Peter Mac

July TBA

Trivia night Venue: TBA

August 21-27

NSH Symposium Convention Venue: Austin, Texas, USA

September 4-7

AIMS National Scientific Meeting 2014 Venue: Rydges World Square, Sydney, NSW

Thursday September 18th

Scientific Meeting Venue: Peter Mac

September 24-26

Cut-up Workshop Venue: CIT, Bruce, ACT

November TBA

Scientific Meeting/AGM

Venue: TBA