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Refer to the website [www.path.org.uk](http://www.path.org.uk) for Abstract Listings:

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## Programme acknowledgements

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<b>08.00</b> ▶pg20 [Foyer] <b>Registration and Coffee</b>		
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<b>09.00–12.00</b> ▶pg20 [Herbert] <b>Symposium: Recent Advances in Familial Gynaecological Neoplasia</b>	<b>09.00–12.00</b> ▶pg21 [Munster] <b>Trainees' Symposium: Difficult Exam Topics</b>	<b>09.00–12.00</b> ▶pg21 [Leinster] <b>Symposium: Autopsy Pathology</b>
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<b>13.00–14.00</b> ▶pg23 [Landsdowne & Pembroke] <b>Lunch and Trade Exhibition</b>		
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<b>19.15–20.30</b> ▶pg27 [Venue: Royal College of Physicians of Ireland] <b>Welcome Reception</b>		

<b>09.00–12.00</b> ▶pg22 [Ulster] <b>Symposium: Controversial Areas in Thoracic Tumours</b>	<b>09.00–12.00</b> ▶pg23 [Second Floor – Room 6] <b>Symposium: New Trends in Digital Pathology – The AIDPATH Project</b>  See separate programme at: <a href="http://www.path.org.uk">www.path.org.uk</a>
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<b>14.00–17.00</b> ▶pg26 [Ulster] <b>Symposium: Update in Genitourinary Pathology</b>	<b>14.00–17.00</b> ▶pg23 [Second Floor – Room 6] <b>New Trends in Digital Pathology – The AIDPATH Project</b>  See separate programme at: <a href="http://www.path.org.uk">www.path.org.uk</a>
15.00–15.30 [Landsdowne & Pembroke] Refreshment Break and Trade Exhibition	

<b>07.30 ▶pg28 [Foyer]</b> <b>Registration and Coffee</b>		
<b>08.45–18.00 ▶pg29 [Foyer]</b> <b>Slide Seminar Case Competition Viewing: Cytopathology</b>		
<b>08.30–12.00 ▶pg28 [Herbert]</b> <b>Symposium:</b> <b>Gastrointestinal Neoplasia</b>	<b>09.00–12.00 ▶pg29 [Munster]</b> <b>Oral Presentations</b>	<b>09.00–12.00 ▶pg31 [Leinster]</b> <b>Symposium: Digital Pathology</b> Sponsored by Philips
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<b>12.00–13.00 ▶pg32 [Herbert]</b> <b>Symposium: Molecular Pathology Training in Europe</b>		
<b>13.00–14.00 ▶pg33 [Landsdowne &amp; Pembroke]</b> <b>Lunch and Trade Exhibition</b>		
<b>14.00–16.00 ▶pg33 [Herbert]</b> <b>Symposium: Update on Benign Gastrointestinal Disorders</b>	<b>14.00–17.00 ▶pg34 [Munster]</b> <b>Oral Presentations</b>	<b>14.00–17.00 ▶pg36 [Leinster]</b> <b>Undergraduate Engagement Forum</b>
16.00–16.30 [Landsdowne & Pembroke] Refreshment Break and Trade Exhibition	15.30–16.00 [Landsdowne & Pembroke] Refreshment Break and Trade Exhibition	14.55–15.15 [Landsdowne & Pembroke] Refreshment Break and Trade Exhibition  15.15–17.00 Undergraduate Research Presentations and Award Presentation to Prizewinner
<b>17.00–18.00 ▶pg38 [Landsdowne &amp; Pembroke]</b> <b>Poster Viewing – Chairman's Rounds</b>		
<b>19.30–23.00 ▶pg39 [Venue: Dublin Castle]</b> <b>Conference Dinner and Irish Entertainment</b> Transport will be provided.		

<b>08.00–09.00 ▶pg28 [Munster]</b> <b>Trainees' Breakfast Session – Meet the Experts: How to Write a Paper</b> Light breakfast will be provided. 08.50–09.00 Q&A Session (Questions can be submitted in advance using the Conference App).	
<b>09.00–12.00 ▶pg31 [Ulster]</b> <b>Symposium: Melanocytic Lesions</b>	<b>09.00–12.00 ▶pg29 [Second Floor – Rooms 1 and 2]</b> <b>UK NEQAS ICC &amp; ISH Companion Session: Advanced Diagnostics: Improving Testing for the Benefit of Patient Management</b>  See separate programme at: <a href="http://www.path.org.uk">www.path.org.uk</a>  10.15–10.45 [Landsdowne & Pembroke] Refreshment Break and Trade Exhibition
10.30–11.00 [Landsdowne & Pembroke] Refreshment Break and Trade Exhibition	
<b>13.00–14.00 ▶pg33 [Sussex Restaurant]</b> <b>Trainees' Networking Lunch</b>	
<b>13.30–17.00 ▶pg37 [Ulster]</b> <b>Symposium: Renal Pathology including Renal EQA and Renal Transplant EQA</b>	<b>14.00–17.00 ▶pg29 [Second Floor – Rooms 1 and 2]</b> <b>UK NEQAS ICC &amp; ISH Companion Session Advanced Diagnostics: Improving Testing for the Benefit of Patient Management (continued)</b>  See separate programme at: <a href="http://www.path.org.uk">www.path.org.uk</a>  15.30–16.00 [Landsdowne & Pembroke] Refreshment Break and Trade Exhibition
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<b>08.00 ▶pg40 [Foyer]</b> <b>Registration and Coffee</b>	
<b>08.45–17.00 ▶pg40 [Foyer]</b> <b>Slide Seminar Case Competition Viewing: <i>Cytopathology</i></b>	
<b>09.00–12.00 ▶pg40 [Herbert]</b> <b>Symposium:</b> <b><i>Molecular Pathology – How We Use It Today</i></b>	<b>09.00–12.00 ▶pg41 [Munster]</b> <b>Oral Presentations</b>
10.30–11.00 [Landsdowne & Pembroke] Refreshment Break and Trade Exhibition	10.30–11.00 [Landsdowne & Pembroke] Refreshment Break and Trade Exhibition
<b>13.00–14.00 ▶pg44 [Landsdowne &amp; Pembroke]</b> <b>Lunch and Trade Exhibition</b>	<b>13.00–14.00 ▶pg44 [Munster]</b> <b>Trainees' Session: Meet The Experts</b> <b><i>Neuropathology for Generalists</i></b> Separate lunch will be provided.
<b>14.00–16.00 ▶pg44 [Herbert]</b> <b>Plenary Oral Presentations</b>	<b>14.00–16.00 ▶pg46 [Munster]</b> <b>Symposium: <i>Quality Assurance in Pathology</i></b>
15.00–15.30 [Landsdowne & Pembroke] Refreshment Break and Trade Exhibition	15.00–15.30 [Landsdowne & Pembroke] Refreshment Break and Trade Exhibition
<b>16.00–17.00 ▶pg46 [Herbert]</b> <b>The Pathological Society's Doniach Lecture – <i>Molecular Pathology: The Future?</i></b> Prof CS Herrington, Edinburgh	

<b>09.00–12.00 ▶pg43 [Leinster]</b> <b>Slide Seminar Discussion: <i>Cytopathology</i></b>	<b>09.00–12.00 ▶pg43 [Ulster]</b> <b>ACEM Meeting</b> See separate programme at: <a href="http://www.path.org.uk">www.path.org.uk</a>
10.20–11.00 [Landsdowne & Pembroke] Refreshment Break and Trade Exhibition	10.30–11.00 [Landsdowne & Pembroke] Refreshment Break and Trade Exhibition
<b>13.00–14.00 ▶pg44 [Leinster]</b> <b>Pathological Society Annual General Meeting</b>	<b>13.00–14.00 ▶pg44 [Landsdowne &amp; Pembroke]</b> <b>Lunch and Trade Exhibition</b>
	<b>14.00–17.00 ▶pg43 [Ulster]</b> <b>ACEM Meeting (<i>continued</i>)</b> See separate programme at: <a href="http://www.path.org.uk">www.path.org.uk</a>
	15.00–15.30 [Landsdowne & Pembroke] Refreshment Break and Trade Exhibition

**COMPANION MEETINGS AND SATELLITE SESSIONS****Tuesday 23 June**

09.00–17.00 [Second Floor – Meeting Room 6]  
*New Trends in Digital Pathology – The AIDPATH Project.*

**Wednesday 24 June**

09.00–17.00 [Second Floor – Meeting Rooms 1 and 2]  
 UK NEQAS ICC and ISH  
*Advanced Diagnostics: Improving Testing for the Benefit of Patient Management.*

**Thursday 23 June**

09.00–17.00 [Ulster Lecture Theatre]  
 Association of Clinical Electron Microscopists

**KEYNOTE AND NAMED LECTURES** [Herbert Lecture Theatre]**Tuesday 23 June**

12.00–13.00 **Kristin Henry Lecture:** *Pearls and Perils in Pathology*  
 Prof M Leader, Dublin

18.30–19.15 **Public Lecture:** *Dying for a Drink – The problem with alcohol  
 (and some solutions)*  
 Prof F Murray, Dublin

**Thursday 25 June**

16.00–17.00 **Doniach Lecture:** *Molecular Pathology: The Future?*  
 Prof CS Herrington, Edinburgh

**ORAL PRESENTATIONS** [Munster Lecture Theatre]

Sessions will be held as follows:

Tuesday 23 June	14.00–17.00
Wednesday 24 June	09.00–12.00 and 14.00–17.00
Thursday 25 June	09.00–12.00

**Note to presenters:** Speakers are reminded that no communication may exceed the time allocated on the programme without the consent of the meeting, obtained through the Chairman.

**PLENARY ORAL SESSION** [Herbert Lecture Theatre]

The six highest-ranked submitted oral abstracts will be presented on Thursday 25 June 14.00–16.00.

**Prize:** A prize for the best presentation, donated by the *Journal of Pathology* will be presented at the Conference Dinner.

**POSTERS, VIEWING AND CHAIRMAN'S ROUNDS** [Landsdowne and Pembroke Rooms]**Poster Size**

Poster boards will be size 84 cm x 118.8 cm (portrait). Please do not exceed these dimensions. Fixings will be provided.  
 For the poster printing service visit: [www.path.org.uk](http://www.path.org.uk)

**Viewing**

Delegates are encouraged to visit the posters during break times and lunchtimes as well as during the official rounds.

**Formal Poster Viewing, Chairman's Rounds and Drinks Reception**

Tuesday 23 June	13.00–14.00 and 17.00–18.00
Wednesday 24 June	17.00–18.00

Poster round chairs will be circulating during these times to select the winners of the following prizes.

**Prizes**

**BDIAP Poster Prizes:** Awarded for the best 3 posters relevant to Diagnostic Pathology.

**Pathological Society:** The Pathological Society's Sir Alastair Currie Prize and Second and Third poster prizes.

Winners will be announced at the Conference Dinner on 24 June.

**Note to presenters**

Ideally, posters should be in place by 10.00 hrs on Tuesday 23 June and removed by 16.00 hrs on Thursday 25 June.

**Presentation**

The presenting author (or another contributor) must attend the meeting and present the poster during the allocated poster rounds in order for the abstract to be published in the *Journal of Pathology On-Line Supplement* after the meeting.

**SLIDE SEMINAR COMPETITION AND SESSIONS****Competition**

*Cytopathology*

**Viewing Virtual Slides** [Foyer]

Slides images will be available for viewing on:

Tuesday 23 June	08.45–18.00
Wednesday 24 June	08.45–18.00 ( <i>Please note the competition closes at 16.00 on Wed 24 June</i> )
Thursday 25 June	08.45–17.00

**Competition**

There will be a slide competition using slide images, which will be available during the days/times shown above and will be available on-line in advance of the meeting.

## SCIENTIFIC SESSION INFORMATION

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### Prize

The prize is a case of champagne. The winner will be announced at the Conference Dinner on Wednesday 24 June. *At the discretion of the winner, by tradition, this is shared amongst those present at the dinner!*

### Competition Case Discussion Session [Leinster Lecture Theatre]

Thursday 25 June 09.00–12.00

## SYMPOSIUM

### Tuesday 23 June

09.00–12.00 [Herbert Lecture Theatre] *Recent Advances in Familial Gynaecological Neoplasia*

09.00–12.00 [Leinster Lecture Theatre] *Autopsy Pathology*

09.00–12.00 [Ulster Lecture Theatre] *Controversial Areas in Thoracic Tumours*

14.00–17.00 [Herbert Lecture Theatre] *Breast Pathology – A Topical Miscellany*

14.00–17.00 [Leinster Lecture Theatre] *Cardiomyopathies*

14.00–17.00 [Ulster Lecture Theatre] *Update in Genitourinary Pathology*

### Wednesday 24 June

09.00–12.00 [Herbert Lecture Theatre] *Gastrointestinal Neoplasia*

09.00–12.00 [Leinster Lecture Theatre] *Digital Pathology — Sponsored by Philips*

09.00–12.00 [Ulster Lecture Theatre] *Melanocytic Lesions*

12.00–13.00 [Herbert Lecture Theatre] *Molecular Pathology Training in Europe*

14.00–16.00 [Herbert Lecture Theatre] *Update on Benign Gastrointestinal Disorders*

13.30–17.00 [Ulster Lecture Theatre] *Renal Pathology including Renal EQA and Renal Transplant EQA*

### Thursday 25 June

09.00–12.20 [Herbert Lecture Theatre] *Molecular Pathology – How we use it Today*

14.00–16.00 [Munster Lecture Theatre] *Quality Assurance in Pathology*

## TRAINEES PROGRAMME

### Tuesday 23 June

09.00–12.00 [Munster Lecture Theatre] *Symposium: Difficult Exam Topics*

### Wednesday 24 June

08.00–09.00 [Munster Lecture Theatre] *Light breakfast will be provided.*

Breakfast Session: Meet the Experts – *How to write a paper Q&A Session (Questions can be submitted in advance using the Conference App).*

13.00–14.00 [Sussex Restaurant] *Trainees' Networking Lunch*

### Thursday 25 June

13.00–14.00 [Munster Lecture Theatre] *Meet the Experts: Neuropathology for Generalists*  
*Separate lunch will be provided.*

## SCIENTIFIC SESSION INFORMATION

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## UNDERGRADUATE SESSION

### Wednesday 24 June

14.00–17.00 [Leinster Lecture Theatre] *Undergraduate Engagement Forum*

## CONTINUING PROFESSIONAL DEVELOPMENT (CPD)

### Royal College of Pathologists

This Meeting has been approved by the Royal College of Pathologists for the purpose of Continuing Professional Development. The following credits will be awarded:

#### Full Day\*

Tuesday 23 June 6 credits

Wednesday 24 June 7 credits

Thursday 25 June 6 credits

*\*The Society is not permitted to issue certificates for less than full day attendance.*

Delegates should use their reflective notes section of their CPD Portfolio to self-accredit if attending less than full days.

### Institute of Biomedical Science (IBMS)

The ACEM Meeting has been approved by the Institute of Biomedical Science (IBMS) for the purpose of Continuing Professional Development. The following credits will be awarded:

#### Full Day

ACEM Meeting 4 credits

## TRADE EXHIBITION [Landsdowne and Pembroke Rooms]

Delegates are encouraged to visit the Trade Exhibition and are requested to support the companies represented there.

EARLY BIRD REGISTRATION FEES UNTIL MIDNIGHT ON MONDAY 18 MAY 2015			
Delegate Type	Fee Categories	Per Day or Part Day	Conference Dinner
BDIAP or Pathological Society Member	Ordinary Member, Consultant and/or equivalent position	£ 115	£ 60
BDIAP or Pathological Society Concessionary Member	Biomedical Scientist; Honorary or Senior Member; PhD Student; Post-Doctoral Fellow, Technician and Trainee	£ 38	£ 60
Pathological Society Undergraduate Student Member	Undergraduate Student	Free	£ 30
Non-Member	Consultant and/or equivalent position	£ 165	£ 60
Non-Member Concessionary *	Biomedical Scientist; PhD Student; Post-Doctoral Fellow, Technician and Trainee	£ 53	£ 60
Non-Member Undergraduate Student * <i>See special offer below</i>	Undergraduate Student	£ 53	£ 60

### \* CONCESSIONS

Delegates from categories: **Non-Member Undergraduate Student** and **Non-Member Concessionary** must provide an identification document as proof of their student or trainee status, including NTN where applicable. Proof must be by way of a statement from the Head of Department.

Please email to: [julie@pathsoc.org](mailto:julie@pathsoc.org) (see registration website for template wording).

### SPECIAL OFFER: NON-MEMBER UK UNDERGRADUATE STUDENTS

Join the **Royal College of Pathologists** for only **£10** and get free membership of the **Pathological Society** to benefit from free meeting registration for Dublin Pathology 2015 and all future Pathological Society scientific meetings.

[Click for more information](#)

or use this URL: <http://www.rcpath.org/the-college/categories-of-membership>

**Irish Undergraduate Students** — Pathological Society Membership is now available. Please use the link below or visit this URL:

[Click to join](#)

<http://www.pathsoc.org/index.php/about/undergraduates>

LATE REGISTRATION FEES FROM MIDNIGHT (00.01 hr) ON TUESDAY 19 MAY 2015			
Delegate Type	Fee Categories	Per Day or Part Day	Conference Dinner
BDIAP or Pathological Society Member	Ordinary Member, Consultant and/or equivalent position	£ 170	£ 80
BDIAP or Pathological Society Concessionary Member	Biomedical Scientist; Honorary or Senior Member; PhD Student; Post-Doctoral Fellow, Technician and Trainee	£ 60	£ 80
Pathological Society Undergraduate Student Member	Undergraduate Student	Free	£ 30
Non-Member	Consultant and/or equivalent position	£ 250	£ 80
Non-Member Concessionary *	Biomedical Scientist; PhD Student; Post-Doctoral Fellow, Technician and Trainee	£ 80	£ 80
Non-Member Undergraduate Student * <i>See special offer below</i>	Undergraduate Student	£ 80	£ 80

### REGISTRATION

Registration is **online only** via: [www.path.org.uk](http://www.path.org.uk)

### ADVANCE REGISTRATION

**Advance registration will close on Sunday 7 June 2015.**

Thereafter delegates may only register **on-site on arrival at the meeting.**

### CANCELLATIONS

A cancellation fee of £20 will be deducted from any refund due for cancellations received in writing by Wednesday 3 June 2015. **No refunds will be made after Wednesday 3 June 2015.**

### REFRESHMENTS

All refreshments, including lunch, are included in the daily registration fee.

### DELEGATE ENROLMENT (AT THE MEETING)

Enrolment at the Delegate Reception Desk will take place from 08.00 hrs each day unless stated otherwise.



**ENQUIRIES****Meeting website**[www.path.org.uk](http://www.path.org.uk)**British Division of the International Academy of Pathology**

Address PO Box 73, Westbury-on-Trym, Bristol BS9 1RY

Telephone +44 (0)117 907 7940

Fax +44 (0)117 907 7941

E-mail [bdiap@blueyonder.co.uk](mailto:bdiap@blueyonder.co.uk)**Pathological Society of Great Britain & Ireland**

Address 1 Northumberland Avenue, Trafalgar Square, London WC2N 5BW

Telephone +44 (0)20 7872 5750 or 5751

E-mail [admin@pathsoc.org](mailto:admin@pathsoc.org)**PRESENTATIONS****Presentation Checking and Preview** [Second Floor – Meeting Room 3]

Presentation Checking and Preview will be available.

**Oral Presentations/Lectures****Presentation format:** Powerpoint only, must be PC compatible and must be on a USB.

Presenters must attend their nominated lecture theatre 30 minutes before their presentation time.

**INTERNET ACCESS**

Internet access will be available in the Foyer and wireless access will also be available.

**MESSAGES**

During the Meeting, messages for delegates may be left at the following telephone number: +44 (0)7964 024118

There will also be a message board located beside the Registration Desk.

**REFRESHMENTS**

All refreshments will be served in the Landsdowne and Pembroke Rooms unless stated otherwise.

**BADGES**

Delegates are requested to wear their badges at all times.

**COATS AND BAGS**

Secure facilities will be provided for coats and bags located on the ground floor.

**TRAVEL**Please refer to the website: [www.path.org.uk](http://www.path.org.uk)**ACCOMMODATION**Discounted hotel and university accommodation has been organised for delegates, please refer to the website: [www.path.org.uk](http://www.path.org.uk)**DISCLAIMER**

The British Division of the International Academy of Pathology and the Pathological Society of Great Britain &amp; Ireland cannot be held responsible for any injury or loss sustained during the Meeting.

**SOCIAL ACTIVITIES****Tuesday 23 June**

19.15–20.30 Welcome Reception [The Royal College of Physicians of Ireland]

*Places are limited – please reserve your free ticket when registering.***Wednesday 24 June**

19.30–23.00 Conference Dinner and Entertainment [St Patrick's Hall, Dublin Castle]

*Please reserve your ticket when registering (see pages 12–13 for costs).**Places are limited. Transport will be provided.***Local Places of Interest**Please refer to the website: <http://www.visitdublin.com/dublin-a-to-z/results/plan-your-trip/188/>**FUTURE MEETINGS****British Division of the IAP**

2015 20–21 November, London

*Urological Pathology***Pathological Society**

2015 23–25 September, Nottingham

*Residential Training School for Diagnostic Molecular Pathology*

2016 7–8 January, London

*Winter Meeting*2016 January/February (*dates to be announced*)*Winter School***Joint Meetings of the British Division of the IAP and the Pathological Society**

2015 21–22 August, Oxford

*Pathology Summer School for Medical Students**(co-organised with the Royal College of Pathologists)*

2016 28 June – 1 July, Nottingham

*Nottingham Pathology 2016*

**TRADE EXHIBITION***Correct at time of going to press*

The British Division of the International Academy of Pathology and the Pathological Society of Great Britain & Ireland wish to acknowledge the support of the following companies:

**BIOCARTIS**

Biocartis (Euronext Brussels: BCART) is an MDx company providing next generation diagnostic solutions aimed at improving clinical practice for the benefit of patients, clinicians, payers and industry. The Company's proprietary MDx Idylla™ platform is a fully automated, real-time PCR system which offers accurate, highly-reliable molecular information from virtually any biological sample in virtually any setting. Idylla™ addresses the growing demand for personalized medicine by allowing fast and effective treatment selection and treatment progress monitoring.

Biocartis is developing and marketing a rapidly expanding test menu addressing key unmet clinical needs in oncology and infectious diseases. Biocartis employs approximately 220 people.

Visit our website: [www.biocartis.com](http://www.biocartis.com)

**GE HEALTHCARE**

Omnyx™ Integrated Digital Pathology Solution drives collaboration and performance. By combining the technology innovation and backing of GE Healthcare with the pathology expertise and insight of the University of Pittsburgh Medical Center (UPMC), Omnyx™ offers whole slide scanners and integrated software platform deliver scale and reliability for your demanding pathology labs.

Open doors to improve efficiencies, enhance access to peers and new digital tools. Designed as an enterprise-class IT system, Omnyx™ enables flexible and scalable configuration.

Visit our website: [www.gehealthcare.com/digital\\_pathology](http://www.gehealthcare.com/digital_pathology) or contact: Tim Wing, Senior Sales Executive – Digital Pathology, GE Healthcare IT. Telephone: +44 (0)7785 375822 Email: [tim.wing@med.ge.com](mailto:tim.wing@med.ge.com)

**GENOMIC HEALTH**

Genomic Health, Inc. is a world leading provider of genomic-based diagnostic tests that optimize treatment for early stage cancer. The company is applying its state-of-the-art scientific and commercial expertise and infrastructure to translate significant amounts of genomic data into clinically-actionable results for treatment planning throughout the cancer patient's journey, from screening and surveillance, through diagnosis and treatment selection.

The company is based in Redwood City, California with European headquarters in Geneva, Switzerland.

For more information please visit: [www.GenomicHealth.com](http://www.GenomicHealth.com) and to learn more about Oncotype DX visit: [www.OncotypeDX.com](http://www.OncotypeDX.com)

**HAMAMATSU PHOTONICS UK LTD**

Hamamatsu Photonics have been manufacturing and developing the NanoZoomer range of slide scanners for over a decade and are world leaders in cutting edge slide

scanners for whole slide imaging.

Visit our booth to see a live demonstration of the NanoZoomer SQ, an affordable desktop slide scanner ideal for telepathology including for second opinions and intraoperative frozen sections. We will also be showing our new image management server software, NDP.serve3 and our very popular viewer software, NDP.View2, with some new additional features.

For further information please visit our website: [www.hamamatsu.com](http://www.hamamatsu.com) email: [info@hamamatsu.co.uk](mailto:info@hamamatsu.co.uk), or contact us on telephone: +44 (0)1707 294 888.

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Visit our website: [www.leec.co.uk](http://www.leec.co.uk)

**LEICA BIOSYSTEMS**

Is a global leader in anatomical pathology solutions and automation, striving to advance cancer diagnostics to improve patients' lives. Leica Biosystems provides pathologists, histologists and researchers a comprehensive range of products for each step in the pathology process. From specimen preparation and staining to imaging and reporting, our solutions help increase workflow efficiencies meaning patients receive their results sooner. Slide after slide, Leica's easy-to-use and consistently reliable offerings provide you with the diagnostic clarity you need to give patients the results that they can trust.

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For more information, please visit: [www.roche.com](http://www.roche.com)

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Source BioScience provides a high quality outsourced diagnostic histopathology service to the NHS from the Company's Clinical Pathology Accredited laboratories. The Company also offers a portfolio of diagnostic assays using nucleic acid amplification techniques with applications in oncology, infectious disease testing and genomic research.

Headquartered in Nottingham and listed on the London Stock Exchange (LSE: SBS), Source BioScience is subject to rigorous Corporate Governance and regulatory requirements. Customers are therefore assured of the financial integrity of the Company, and its ability to commit to, and deliver on, long term contracts.

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### ABSTRACT REVIEWERS

Dr MF Amary, London

Prof MJ Arends, Edinburgh

Dr EW Benbow, Manchester

Prof DM Berney, London

Dr L Browning, Oxford

Dr L Burke, Cork

Dr JE Calonje, London

Prof SS Cross, Sheffield

Dr T Crotty, Dublin

Dr AM Dorman, Dublin

Prof S Fleming, Dundee

Dr TR Helliwell, Liverpool

Dr E Ieremia, Oxford

Prof M Ilyas, Nottingham

Dr T Jacques, London

Prof E Kay, Dublin

Dr G Kokai, Liverpool

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Prof AG Nicholson, London

Dr N Nolan, Dublin

Prof M Novelli, London

Dr C O'Riain, Dublin

Prof NJ Sebire, London

Dr M Sheehan, Galway

Dr N Singh, London

Dr EJ Soilleux, Oxford

Prof GA Thomas, Southampton

Dr D Treanor, Leeds

Prof P van der Valk, Amsterdam

Dr KP West, Leicester

Dr BS Wilkins, London

▶ 08.00

Foyer

**REGISTRATION and COFFEE**

▶ 08.45 – 18.00

Foyer

**SLIDE SEMINAR CASE COMPETITION VIEWING: *Cytopathology***

▶ 09.00 – 12.00

Herbert Lecture Theatre

**SYMPOSIUM**

***Recent Advances in Familial Gynaecological Neoplasia***

Chair: Prof M Wells, University of Sheffield, Sheffield, UK  
Dr C O'Riain, St James's Hospital, Dublin, Ireland

09.00–09.30 ***Overview of Familial Gynaecological Cancer Syndromes***

Dr D Gallagher  
*Mater Private Hospital, Dublin, Ireland*

09.30–10.00 **[S1] *Typing and Terminology – Tips on Key Diagnoses in Ovary, Fallopian Tube and Endometrium***

Prof WG McCluggage  
*Belfast Health and Social Care Trust, Belfast, UK*

10.00–10.15 **[S2] *Identifying Hereditary Predisposition in Patients Presenting with Gynaecological Malignancies – An Update on Non-BRCA Non-Lynch Hereditary Gynaecological Cancer Syndromes***

Dr BA Clarke  
*Toronto General Hospital, Toronto, Canada*

10.15–10.45 **COFFEE and TRADE EXHIBITION** [Landsdowne and Pembroke Rooms]

10.45–11.15 **[S3] *Identifying Lynch Syndrome in Patients with Gynaecological Malignancies: Implementation of Reflex Testing and its Implications***

Dr BA Clarke  
*Toronto General Hospital, Toronto, Canada*

11.15–11.45 **[S4] *A Mainstreamed Oncogenetic Pathway Delivers Fast, Affordable Routine BRCA Testing for Ovarian Cancer (OC) Patients***

© Dr AJ George<sup>1</sup>; D Riddell<sup>2</sup>; V Cloke<sup>2</sup>; M Gore<sup>1</sup>; S Bannerjee<sup>1</sup>; H Hanson<sup>1</sup>; N Rahman<sup>2</sup>  
<sup>1</sup>Royal Marsden Hospital, London, UK; <sup>2</sup>Institute of Cancer Research, London, UK

11.45–12.00 **PANEL DISCUSSION**

***The Pathologist's Role in Deciding When to Perform Mismatch Repair Protein Testing and BRCA Mutation Testing***

▶ 09.00 – 12.00

Munster Lecture Theatre

**TRAINEES' SYMPOSIUM**

***Difficult Exam Topics***

Chair: Dr A McCarthy, Cork University Hospital, Cork, Ireland  
Dr L Wastall, University of Leeds, Leeds, UK

09.00–09.35 **[S5] *Intraoperative Diagnosis***

Dr CM Corbishley  
*St George's Healthcare NHS Trust, London, UK*

09.35–10.10 **[S6] *Macroscopic Examination***

Dr M Sheehan  
*Galway University Hospital, Galway, Ireland*

10.10–10.30 **COFFEE and TRADE EXHIBITION** [Landsdowne and Pembroke Rooms]

10.30–11.00 ***Thyroid FNA Cytology***

Dr T Giles  
*Royal Liverpool University Hospital, Liverpool, UK*

11.00–11.30 **[S7] *Soft Tissue Cutaneous Tumours***

Prof M Leader  
*Beaumont Hospital, Dublin, Ireland*

11.30–12.00 **[S8] *Primary Bone Tumours: Guiding Treatment Using Histology and Molecular Genetic Alterations***

Prof AM Flanagan  
*UCL Cancer Institute, London, UK*

▶ 09.00 – 12.00

Leinster Lecture Theatre

**SYMPOSIUM**

***Autopsy Pathology***

Chair: Dr T Crotty, St Vincent's University Hospital, Dublin, Ireland  
Dr EW Benbow, Manchester Royal Infirmary, Manchester, UK

09.00–09.30 ***Sudden Adult Death Syndrome – The Cardiologist's Perspective***

Dr C McGorrian  
*Mater Misericordiae University Hospital, Dublin, Ireland*

09.30–10.00 ***Cardiac Pathology in the Obese***

Prof MN Sheppard  
*St George's University of London, London, UK*

10.00–10.30 **COFFEE and TRADE EXHIBITION** [Landsdowne and Pembroke Rooms]

▶ 09.00 – 12.00 — *continued*

Leinster Lecture Theatre

- 10.30–11.00 **[S9] Toxicology: Interpretation for the Pathologist**  
 Dr SP Elliott  
*ROAR Forensics, Malvern, UK*
- 11.00–11.30 **[S10] Diagnosis of Infection, Sepsis and SIRS at Autopsy**  
 Prof SB Lucas  
*St Thomas' Hospital, London, UK*
- 11.30–12.00 **[S11] Minimally Invasive Coroner's Autopsy – The Present and (Near) Future**  
 Prof ISD Roberts  
*John Radcliffe Hospital, Oxford, UK*

▶ 09.00 – 12.00

Ulster Lecture Theatre

**SYMPOSIUM**

**Controversial Areas in Thoracic Tumours**

Chair: Dr L Burke, Cork University Hospital, Cork, Ireland  
 Prof AG Nicholson, Royal Brompton Hospital, London, UK

- 09.00–09.30 **[S12] From Research Bench to Patient – Impact and Future of Molecular Diagnostic Developments on Lung Cancer Pathology Practice**  
 Prof S Lantuejoul  
*CHU A Michallon and J Fourier University, Grenoble, France*

- 09.30–10.00 **[S13] Role of Cytopathology in the 2015 Molecular Era**  
 Dr J McCarthy  
*Cork University Hospital, Cork, Ireland*

- 10.00–10.30 **COFFEE and TRADE EXHIBITION** [Landsdowne and Pembroke Rooms]

- 10.30–11.00 **[S14] Challenges of the New WHO Classification in the Diagnosis of Adenocarcinoma**  
 Prof KM Kerr  
*Aberdeen University Medical School, Aberdeen, UK*

- 11.00–11.30 **[S15] Staging / Classification of Thymic Epithelial Tumours**  
 Prof A Marx  
*University Medical Centre Mannheim University of Heidelberg, Mannheim, Germany*

- 11.30–12.00 **[S16] Approach to the Diagnosis of Rare and Unusual Lung Tumours**  
 Prof AG Nicholson  
*Royal Brompton and Harefield NHS Foundation Trust, London, UK*

▶ 09.00 – 17.00

Second Floor – Room 6

**SYMPOSIUM**

**New Trends in Digital Pathology – The AIDPATH Project**  
 See separate programme on: [www.path.org.uk](http://www.path.org.uk)

▶ 12.00 – 13.00

Herbert Lecture Theatre

**BDIAP's KRISTIN HENRY LECTURE**

Chair: Dr. AJ Howat, East Lancashire Hospitals NHS Trust, Royal Blackburn Hospital, Blackburn, UK

**Pearls and Perils in Pathology**

Prof M Leader  
*Beaumont Hospital, Dublin, Ireland*

▶ 13.00 – 14.00

Landsdowne and Pembroke Rooms

**LUNCH and TRADE EXHIBITION**

**POSTER VIEWING and CHAIRMAN'S ROUNDS**

GROUP – CATEGORY	POSTER NUMBER	CHAIR
1 – Cardiovascular/Pulmonary	P1–P7	Dr L Burke, Cork; Prof MN Sheppard, London

▶ 14.00 – 17.00

Herbert Lecture Theatre

**SYMPOSIUM**

**Breast Pathology – A Topical Miscellany**

Chair: Dr CM Quinn, St Vincent's University Hospital, Dublin, Ireland  
 Prof SE Pinder, Guy's & St Thomas' Hospital, London, UK

- 14.00–14.30 **[S17] The Management of B3 Lesions with Emphasis on Lobular Neoplasia**  
 Dr AM Shaaban  
*Queen Elizabeth Hospital Birmingham, Birmingham, UK*

- 14.30–15.00 **The Molecular Classification of Breast Cancer**  
 Prof IO Ellis  
*University of Nottingham & Nottingham University Hospitals, Nottingham, UK*

- 15.00–15.30 **Next Generation Sequencing in Breast Cancer – Current State of the Art**  
 Dr C Ng  
*Memorial Sloan Kettering Cancer Centre, New York, USA*

▶ 14.00 – 17.00 — *continued*

Herbert Lecture Theatre

15.30–16.00 **COFFEE and TRADE EXHIBITION** [Landsdowne and Pembroke Rooms]16.00–16.30 **[S18] Update from The Sloane Project**Dr JS Thomas  
Western General Hospital, Edinburgh, UK16.30–17.00 **The LORIS Trial**Miss A Francis  
Surgery, Queen Elizabeth Hospital, Birmingham, UK

## ▶ 14.00 – 17.00

Munster Lecture Theatre

**ORAL PRESENTATIONS****Categories: Gastrointestinal; Cellular/Molecular; Gynaecological**Chair: Prof NA Shepherd, Cheltenham General Hospital, Cheltenham, UK  
Dr G Puppa, Hôpitaux Universitaires de Genève, Geneva, Switzerland14.00–14.15 **[O1] The Three-Dimensional Anatomy of the Anal Sphincter Complex and its Relevance to Low Rectal and Anal Pathology**AC Kraima<sup>1</sup>; © NP West<sup>2</sup>; D Treanor<sup>2</sup>; N Roberts<sup>2</sup>; D Magee<sup>3</sup>; NN Smit<sup>1</sup>;  
CJH Van de Velde<sup>1</sup>; MC DeRuiter<sup>1</sup>; HJ Rutten<sup>4</sup>; P Quirke<sup>2</sup><sup>1</sup>Leiden University Medical Centre, Leiden, Netherlands; <sup>2</sup>Leeds Institute of Cancer and Pathology, University of Leeds, Leeds, UK; <sup>3</sup>University of Leeds, Leeds, UK; <sup>4</sup>Catharina Hospital, Eindhoven, Netherlands14.15–14.30 **[O2] cTEN Regulates Cell Motility through Snail in Colorectal Cancer**© H Thorpe; A Asiri; M Akhlaq; D Jackson; M Ilyas  
University of Nottingham, Nottingham, UK14.30–14.45 **[O3] Loss of pTEN Expression is Strongly Associated with the Presence of the BRAF V600E Mutation, and Further Complicates Combination Treatment Strategies for Patients with Advanced Colorectal Cancer**© SD Richman<sup>1</sup>; GJ Hemmings<sup>1</sup>; P Chambers<sup>1</sup>; M Taylor<sup>1</sup>; HM Wood<sup>1</sup>;  
E Tinkler-Hundal<sup>1</sup>; K Southward<sup>1</sup>; JM Foster<sup>2</sup>; A Ouime<sup>2</sup>; KG Spink<sup>2</sup>;  
P Quirke<sup>1</sup><sup>1</sup>Leeds Institute of Cancer and Pathology, Leeds, UK; <sup>2</sup>Affymetrix, High Wycombe, UK14.45–15.00 **[O4] Zonal Differences in PD1 Expression in Centre of Tumour Versus Periphery in Microsatellite Stable and Unstable Colorectal Cancer**© GM O'Kane<sup>1</sup>; M Lynch<sup>2</sup>; J Aird<sup>3</sup>; S Hooper<sup>3</sup>; C Muldoon<sup>1</sup>; N Mulligan<sup>3</sup>;  
C Loscher<sup>2</sup>; DJ Gallagher<sup>3</sup><sup>1</sup>St. James's Hospital, Dublin, Ireland; <sup>2</sup>Dublin City University, Dublin, Ireland; <sup>3</sup>Mater Misericordiae University Hospital, Dublin, Ireland▶ 14.00 – 17.00 — *continued*

Munster Lecture Theatre

15.00–15.15 **[O5] Association of Genomic Aberrations with Disease Recurrence in Stage II and Stage III Colon Cancers**© E van den Broek<sup>1</sup>; O Krijgsman<sup>1</sup>; D Sie<sup>1</sup>; MA van de Wiel<sup>1</sup>; EJT Belt<sup>1</sup>;  
SH den Uil<sup>1</sup>; H Bril<sup>2</sup>; HBA Stockmann<sup>2</sup>; B Carvalho<sup>1</sup>; B Ylstra<sup>1</sup>; GA Meijer<sup>1</sup>;  
RJA Fijneman<sup>1</sup><sup>1</sup>VU University Medical Center, Amsterdam, Netherlands; <sup>2</sup>Kennemer Gasthuis, Haarlem, Netherlands15.15–15.30 **[O6] Comparison of Histologically Normal Mucosa and Blood as Controls for Targeted Next Generation Sequencing Analysis in Patients with Colon Cancer in the NCRI FOXTROT Trial**KM Sutton<sup>1</sup>; D Bottomley<sup>1</sup>; D Morton<sup>2</sup>; P Quirke<sup>1</sup>; © NP West<sup>1</sup><sup>1</sup>Leeds Institute of Cancer and Pathology, University of Leeds, Leeds, UK; <sup>2</sup>University Hospitals Birmingham NHS Foundation Trust, Birmingham, UK15.30–16.00 **COFFEE and TRADE EXHIBITION** [Landsdowne and Pembroke Rooms]16.00–16.15 **[O7] Sex Cord Tumours Arising in Ovarian and Extraovarian Adenosarcoma: an Unusual Form of Sarcomatous Overgrowth**

© C Carleton; WG McCluggage

Royal Victoria Hospital, Belfast, UK

16.15–16.30 **[O8] Utility of Serum HE4 in Diagnosis and Prognosis of Endometrial Cancer**© SA O'Toole<sup>1</sup>; S Rizmee<sup>2</sup>; L Norris<sup>1</sup>; M Cullen<sup>1</sup>; A Zainulabdin<sup>1</sup>;  
JC Long<sup>1</sup>; F Martin<sup>1</sup>; A Cooney<sup>1</sup>; S Ripollone<sup>1</sup>; N Ibrahim<sup>1</sup>; F Abu Saadeh<sup>1</sup>;  
W Kamran<sup>2</sup>; C Murphy<sup>3</sup>; T D'Arcy<sup>2</sup>; NC Gleeson<sup>2</sup>; JJ O'Leary<sup>1</sup><sup>1</sup>Trinity College Dublin, Dublin, Ireland; <sup>2</sup>St. James's Hospital, Dublin, Ireland; <sup>3</sup>Coombe Women's and Infants University Hospital, Dublin, Ireland16.30–16.45 **[O9] Platelets Drive Metastatic Changes in Ovarian Cancer Cells**© CD Spillane<sup>1</sup>; NM Cooke<sup>2</sup>; S O'Toole<sup>3</sup>; D Kenny<sup>2</sup>; O Sheils<sup>1</sup>; JJ O'Leary<sup>1</sup><sup>1</sup>Histopathology Department, Trinity College Dublin, Dublin, Ireland; <sup>2</sup>Department of Molecular and Cellular Therapeutics, RCSI, Dublin, Ireland; <sup>3</sup>Department of Obstetrics and Gynaecology, Trinity College Dublin, Dublin, Ireland16.45–17.00 **[O10] Platelet Cloaked Tumour Cells Suppress NK Cell Immune Surveillance**© CD Cluxton<sup>1</sup>; CD Spillane<sup>1</sup>; A Glaviano<sup>1</sup>; S O'Toole<sup>2</sup>; CM Martin<sup>3</sup>;  
O Sheils<sup>4</sup>; C Gardiner<sup>5</sup>; JJ O'Leary<sup>4</sup><sup>1</sup>Department of Histopathology, St James's Hospital and Trinity College Dublin, Dublin, Ireland; <sup>2</sup>Gynaecology Laboratory, Trinity College Dublin, Dublin, Ireland; <sup>3</sup>Pathology Department, The Coombe Women & Infants University Hospital, Dublin, Ireland; <sup>4</sup>Histopathology Department, Trinity College Dublin, Dublin, Ireland; <sup>5</sup>Biomedical Sciences Institute, School of Biochemistry and Immunology, Trinity College Dublin, Dublin, Ireland

▶ 14.00 – 17.00

Leinster Lecture Theatre

**SYMPOSIUM**

**Cardiomyopathies**

Chair: Prof MN Sheppard, St George's University of London, UK  
Dr A Fabre, St Vincent's University Hospital, Dublin, Ireland

14.00–14.30 **Imaging of Cardiomyopathies**

Dr S Prasad  
Royal Brompton Hospital, London, UK

14.30–15.00 **[S19] Genetics of Cardiomyopathies**

Dr ER Behr  
St George's University of London, London, UK

15.00–15.30 **Pathological Diagnosis of Cardiomyopathies**

Prof MN Sheppard  
St George's University of London, London, UK

15.30–16.00 **COFFEE and TRADE EXHIBITION** [Landsdowne and Pembroke Rooms]

16.00–16.30 **[S20] Clinico-Pathological Correlations on Vasculitis**

Ⓟ Dr A Fabre; Ⓟ Dr E Molloy  
St Vincent's University Hospital, Dublin, Ireland

16.30–17.00 **KEYNOTE LECTURE**

**[S21] Sudden Cardiac Death in Athletes**

Prof S Sharma  
St George's University of London, London, UK

▶ 14.00 – 17.00

Ulster Lecture Theatre

**SYMPOSIUM**

**Update in Genitourinary Pathology**

Chair: Dr NJ Mayer, Cork University Hospital, Cork, Ireland  
Dr B Loftus, Tallaght Hospital, Dublin, Ireland

14.00–14.30 **[S22] Update of the Classification of Renal Carcinomas**

Prof S Fleming  
University of Dundee, Dundee, UK

14.30–15.00 **[S23] Update in Penile Pathology: The new Dataset and Diagnostic Pitfalls**

Dr CM Corbishley  
St George's Healthcare NHS Trust, London, UK

15.00–15.30 **COFFEE and TRADE EXHIBITION** [Landsdowne and Pembroke Rooms]

▶ 14.00 – 17.00 — *continued*

Ulster Lecture Theatre

15.30–16.00 **[S24] Updates in Bladder Cancer Including the RCPATH Dataset, Subtypes of Bladder Cancer and Molecular Developments**

Dr JH Shanks  
The Christie NHS Foundation Trust, Manchester, UK

16.00–17.00 **[S25] 'New' Observations About Old Entities in Testicular Pathology**

Prof TM Ulbright  
Indiana University School of Medicine, Indianapolis, USA

▶ 17.00 – 18.00

Landsdowne and Pembroke Rooms

**POSTER VIEWING and CHAIRMAN'S ROUNDS**

GROUP – CATEGORY	POSTER NUMBER	CHAIR
2 – Autopsy/Forensic	P8–P13 *	Dr EW Benbow, Manchester; Dr T Crotty, Dublin
3a – Breast	P32–P43	Dr RD Liebmann, Kent; Dr M Sheehan, Galway
3b – Breast & Endocrine	P44–P55, P56	Dr AM Shaaban, Birmingham; Prof L Jones, London
4 – Genitourinary	P67–P73	Prof DM Berney, London; Dr B Loftus, Dublin
5a – Gynaecological	P102–P109	Prof WG McCluggage, Belfast; Dr B Clarke, Toronto, Canada
5b – Gynaecological	P110–P117	Prof M Wells, Sheffield; Dr E Mooney, Dublin

\* P14 has been withdrawn

▶ 18.30 – 19.15

Royal College of Physicians of Ireland

**PUBLIC LECTURE**

Chair: Prof K Sheahan, University College Dublin and St Vincent's University Hospital, Dublin, Ireland

**[S26] Dying for a Drink – The Problem with Alcohol (and Some Solutions)**

Prof F Murray, President of the Royal College of Physicians of Ireland  
Royal College of Physicians of Ireland, Dublin, Ireland

▶ 19.15 – 20.30

Royal College of Physicians of Ireland

**WELCOME RECEPTION**

▶ 07.30

Foyer

## REGISTRATION and COFFEE

▶ 08.00 – 09.00

Munster Lecture Theatre

## TRAINEES' BREAKFAST SESSION: MEET THE EXPERTS

**How to Write a Paper and Get it Published**

(Light breakfast will be provided)

Chair: Dr O Dotsenko, Royal Hallamshire Hospital, Sheffield, UK  
Dr K Allen, Leeds Teaching Hospitals NHS Trust, Leeds, UK08.00–08.25 **[S35] How to Write a Paper and Get it Published**  
Prof DM Berney, *Histopathology* – Regional Editor (Europe)  
*Barts Health NHS Trust, London, UK*08.25–08.50 **[S35] How to Write a Paper and Get it Published**  
Prof CS Herrington, *Journal of Pathology* – Editor-in-Chief  
*University of Edinburgh, Edinburgh, UK*08.50–09.00 **Q&A SESSION**  
Questions can be submitted in advance using the Conference App.

▶ 08.30 – 12.00

Herbert Lecture Theatre

## SYMPOSIUM

**Gastrointestinal Neoplasia**Chair: Prof NA Shepherd, Cheltenham General Hospital, Cheltenham, UK  
Prof K Sheahan, University College Dublin, St Vincent's University Hospital, Dublin, Ireland08.30–09.00 **[S27] Barrett's in Ireland: Diagnosis, Treatment and Screening**  
Prof D O'Toole  
*St James's Hospital, St Vincent's University Hospital, Trinity College Dublin, Ireland*09.00–09.30 **[S28] The Pathologist's Role in the Diagnosis and Management of Neoplasia in Barrett's Oesophagus**  
Dr C Muldoon  
*St. James's Hospital, Dublin, Ireland*09.30–10.00 **[S29] The Modern Management of IBD Neoplasia**  
© Prof MWR Vieth<sup>1</sup>; H Neumann<sup>2</sup>  
<sup>1</sup>Klinikum Bayreuth, Pathology, Bayreuth, Germany; <sup>2</sup>University Hospital Erlangen, Medical Clinic I, Erlangen, Germany▶ 08.30 – 12.00 — *continued*

Herbert Lecture Theatre

10.00–10.30 **[S30] The Pathology of Colorectal Cancer Screening**  
Dr MB Loughrey  
*Royal Victoria Hospital, Belfast, UK*10.30–11.00 **COFFEE and TRADE EXHIBITION** [Landsdowne and Pembroke Rooms]11.00–11.30 **[S31] Predicting Lymph Node Metastatic Disease in pT1 Polyp Cancers**  
Prof ID Nagtegaal  
*Radboud UMC, Nijmegen, Netherlands*11.30–12.00 **[S32] Colorectal Cancer: Updated Royal College of Pathologists' Guidelines**  
Prof P Quirke  
*Leeds University, Leeds, UK*

▶ 08.45 – 18.00

Foyer

SLIDE SEMINAR CASE COMPETITION VIEWING: *Cytopathology*

▶ 09.00 – 17.00

Second Floor – Rooms 1 and 2

## UK NEQAS ICC and ISH

**Advanced Diagnostics: Improving Testing for the Benefit of Patient Management**See separate programme on: [www.path.org.uk](http://www.path.org.uk)

▶ 09.00 – 12.00

Munster Lecture Theatre

## ORAL PRESENTATIONS

**Neuropathology/Ophthalmic; Cardiovascular/Pulmonary; Cellular/Molecular; Genitourinary; Breast**Chair: Prof M-Q Du, University of Cambridge, Cambridge, UK  
Dr CM Quinn, St Vincent's University Hospital, Dublin, Ireland09.00–09.15 **[O11] Role of IGF-IIR/Man-6-P in Glioblastoma Angiogenesis**  
© AL Trépant<sup>1</sup>; C Maris<sup>1</sup>; N D'Haene<sup>1</sup>; S Sauvage<sup>1</sup>; S Rorive<sup>1</sup>;  
C Decaestecker<sup>2</sup>; I Salmon<sup>1</sup>; P Demetter<sup>1</sup>  
<sup>1</sup>Erasmus University Hospital, Brussels, Belgium; <sup>2</sup>DIAPATH-CMMI, Gosselies, Belgium09.15–09.30 **[O12] A Novel View of the Temporal Arteries: Using 3D Histological Reconstruction to Study Microvessel Anatomy**  
© DJ Drayton<sup>1</sup>; SL Mackie<sup>2</sup>; D Treanor<sup>1</sup>; A Chakrabarty<sup>3</sup>  
<sup>1</sup>Leeds Institute of Cancer and Pathology, Leeds, UK; <sup>2</sup>Leeds Institute of Rheumatic and Musculoskeletal Medicine, Leeds, UK; <sup>3</sup>St. James University Hospital, Leeds, UK



▶ 09.00 – 12.00 — *continued*

## Munster Lecture Theatre

- 09.30–09.45 **[O13] Loss of Expression of BAP1 is a Useful Adjunct Which Strongly Supports the Diagnosis of Mesothelioma in Effusion Cytology**  
 © J Andrici<sup>1</sup>; A Sheen<sup>2</sup>; L Sioson<sup>1</sup>; K Wardell<sup>2</sup>; M Ahadi<sup>1</sup>; A Clarkson<sup>1</sup>; M Farzin<sup>1</sup>; CW Toon<sup>1</sup>; AJ Gill<sup>1</sup>  
<sup>1</sup>Royal North Shore Hospital, Sydney, Australia; <sup>2</sup>University of Sydney, Sydney, Australia
- 09.45–10.00 **[O14] The South-East of Scotland Experience on the Molecular Detection of EGFR, KRAS and ALK Mutations in Lung Adenocarcinomas**  
 © Y Kheng<sup>1</sup>; L Williams<sup>2</sup>; K Walsh<sup>1</sup>; J Fairley<sup>1</sup>; S Camus<sup>1</sup>; L Gilroy<sup>1</sup>; K Gilmour<sup>1</sup>; D Stirling<sup>1</sup>; W Wallace<sup>1</sup>; D Harrison<sup>1</sup>; A Oniscu<sup>1</sup>  
<sup>1</sup>Royal Infirmary of Edinburgh, Edinburgh, UK; <sup>2</sup>The University of Edinburgh, Edinburgh, UK
- 10.00–10.15 **[O15] HPV and Cell Cycle Protein Expression in Advanced Penile Carcinoma: Results from the TPF Trial**  
 © A Adimonye<sup>1</sup>; S Nicholson<sup>2</sup>; E Hall<sup>3</sup>; E Stankiewicz<sup>1</sup>; A Bahl<sup>4</sup>; D Berney<sup>1</sup>  
<sup>1</sup>Barts Cancer Institute, London, UK; <sup>2</sup>Imperial College Healthcare NHS Trust, Department of Medical Oncology, London, UK; <sup>3</sup>The Institute of Cancer Research, Clinical Trials and Statistics Unit, London, UK; <sup>4</sup>Bristol Haematology and Oncology Centre, Bristol, UK
- 10.15–10.30 **[O16] Altered Endosome Biogenesis in Prostate Cancer Has Prognostic Potential**  
 © IRD Johnson<sup>1</sup>; EJ Parkinson-Lawrence<sup>1</sup>; LM Butler<sup>2</sup>; JJ O'Leary<sup>3</sup>; DA Brooks<sup>1</sup>; J Barry-O'Crowley<sup>4</sup>; CD Spillane<sup>4</sup>; H Keegan<sup>4</sup>; RW Watson<sup>5</sup>  
<sup>1</sup>University of South Australia, Adelaide, Australia; <sup>2</sup>University of Adelaide, Adelaide, Australia; <sup>3</sup>St James's Hospital, Trinity College Dublin, Dublin, Ireland; <sup>4</sup>Dept of Pathology, Coombe Women's and Infants University Hospital, Dublin, Ireland; <sup>5</sup>UCD School of Medicine and Medical Science, Conway Institute of Biomolecular and Biomedical Research, University College Dublin, Dublin, Ireland
- 10.30–11.00 **COFFEE and TRADE EXHIBITION** [Landsdowne and Pembroke Rooms]
- 11.00–11.15 **[O17] Molecular Pathways Involved in Lymphovascular Invasion: A Biomarker Driven Approach**  
 M Craze; C Joseph; C Nolan; A Green; EA Rakha; IO Ellis; © A Mukherjee  
 University of Nottingham, Nottingham, UK
- 11.15–11.30 **[O18] Assessment of HER2 Status on Needle Core Biopsy of Breast Cancer: Impact of Histopathological Concordance**  
 © M Pigerá; AHS Lee; IO Ellis; EA Rakha; Z Hodi  
 Nottingham City Hospital, Nottingham, UK
- 11.30–11.45 **[O19] Molecular Mediators of Mammographic Density**  
 © A Ironside; J Gomm; L Haywood; S Dreger; M Allen; A Guerra; J Wang; C Chelala; JL Jones  
 Barts Cancer Institute, London, UK

▶ 09.00 – 12.00 — *continued*

## Munster Lecture Theatre

- 11.45–12.00 **[O20] Mitogen Activated Protein Kinase Signalling Proteins are Associated with Good Prognosis in Breast Cancer and are Mainly Related to Estrogen Receptor**  
 DA Jerjees<sup>1</sup>; OH Negm<sup>1</sup>; ML Alabdullah<sup>1</sup>; © M Aleskandarany<sup>1</sup>; S Mirza<sup>2</sup>; AR Green<sup>1</sup>; PJ Tighe<sup>1</sup>; V Band<sup>2</sup>; IO Ellis<sup>1</sup>; EA Rakha<sup>1</sup>  
<sup>1</sup>University of Nottingham, Nottingham, UK; <sup>2</sup>University of Nebraska, Omaha, USA

## ▶ 09.00 – 12.00

## Leinster Lecture Theatre

- SYMPOSIUM — Sponsored by Philips**  
**Digital Pathology**  
 Chair: Dr D Treanor, St James's University Hospital, Leeds, UK  
 Dr D Neil, Queen Elizabeth Hospital, Birmingham, UK
- 09.00–09.30 **[S36] Large-Scale Routine Diagnostics Using Whole-Slide Imaging in Sweden – the Linköping Experience**  
 Dr C Lundström  
 CMIV, Linköping University, Linköping, Sweden
- 09.30–10.00 **UK Perspective**  
 Dr DRJ Snead  
 University Hospitals of Coventry and Warwickshire, Coventry, UK
- 10.00–10.30 **[S37] Digital Pathology – Are We There Yet?**  
 Dr SM Hewitt  
 National Cancer Institute, Bethesda, USA
- 10.30–11.00 **COFFEE and TRADE EXHIBITION** [Landsdowne and Pembroke Rooms]
- 11.00–11.30 **The National NHS View and Practicalities**  
 Prof JE Martin  
 National Clinical Director of Pathology NHS England, Queen Mary University of London, UK
- 11.30–12.00 **ROUND TABLE DISCUSSION**

## ▶ 09.00 – 12.00

## Ulster Lecture Theatre

- SYMPOSIUM**  
**Melanocytic Lesions**  
 Chair: Dr N Leonard, St James's Hospital, Dublin, Ireland  
 Dr JE Calonje, St John's Institute of Dermatology, London, UK
- 09.00–09.30 **[S38] Benign versus Malignant Melanocytic Lesions: Lesional Symmetry, Maturation and Ascent**  
 Prof WJ Mooi  
 VU Medical Centre, Amsterdam, Netherlands

▶ 09.00 – 12.00 — *continued*

Ulster Lecture Theatre

- 09.30–10.00 **[S39] *Melanoma Variants***  
Dr JE Calonje  
*St John's Institute of Dermatology, London, UK*
- 10.00–10.30 ***Molecular Analysis of Malignant Melanoma***  
Prof S Finn  
*Trinity College Dublin, Dublin, Ireland*
- 10.30–11.00 **COFFEE and TRADE EXHIBITION** [Landsdowne and Pembroke Rooms]
- 11.00–11.30 **[S40] *Spitzoid Tumours***  
Dr T Brenn  
*Western General Hospital, Edinburgh, UK*
- 11.30–12.00 **SLIDE CASES**

## ▶ 12.00 – 13.00

Herbert Lecture Theatre

**SYMPOSIUM*****Molecular Pathology Training in Europe***

Chair: Dr S Lishman, President, Royal College of Pathologists, London, UK

- 12.00–12.12 ***A UK Perspective***  
Dr S Lishman  
*President, Royal College of Pathologists, London, UK*
- 12.13–12.24 ***A Northern Ireland Perspective***  
Prof M Salto-Tellez  
*Queen's University, Belfast, Belfast, UK*
- 12.25–12.36 ***A French Perspective***  
Prof B Terris  
*Cochin Hospital, Paris, France*
- 12.37–12.48 ***A Dutch Perspective***  
Prof B Tops  
*Radboud University Medical Center, Nijmegen, The Netherlands*
- 12.48–13.00 **Q&A SESSION**

## ▶ 13.00 – 14.00

Sussex Restaurant

**TRAINEES' NETWORKING LUNCH**

## ▶ 13.00 – 14.00

Landsdowne and Pembroke Rooms

**LUNCH and TRADE EXHIBITION**

## ▶ 14.00 – 16.00

Herbert Lecture Theatre

**SYMPOSIUM*****Update on Benign Gastrointestinal Disorders***Chair: Prof NA Shepherd, Cheltenham General Hospital, Cheltenham, UK  
Prof K Sheahan, University College Dublin, St Vincent's University Hospital, Dublin, Ireland

- 14.00–14.30 **[S33] *Infective Pathology in the Intestines***  
Prof MR Novelli  
*University College London, London, UK*
- 14.30–15.00 ***The Pathology of Coeliac Disease and its Mimics***  
Prof NA Shepherd  
*Cheltenham General Hospital, Cheltenham, UK*
- 15.00–15.30 ***Iatrogenic Pathology of the Intestines: The More You Look, The More You Find***  
Prof G Lauwers  
*Harvard Medical School/Massachusetts General Hospital, Boston, USA*
- 15.30–16.00 **[S34] *Unusual Colitides***  
Prof P Demetter  
*Erasmie University Hospital, Brussels, Belgium*

▶ 14.00 – 17.00

Munster Lecture Theatre

## ORAL PRESENTATIONS

**Breast; Technical Advances**

Chair: Prof SE Pinder, Guy's and St Thomas' Hospital, King's College, London, UK  
Dr E Rakha, University of Nottingham, Nottingham, UK

14.00–14.15 **[O21] Cadherin Switch is More Observed in BRCA1 Mutated than the Basal-Like Breast Cancers**

Ⓢ MA Aleskandarany<sup>1</sup>; AR Green<sup>1</sup>; RM Samaka<sup>2</sup>; RD Macmillan<sup>3</sup>; D Caracappa<sup>4</sup>; IO Ellis<sup>1</sup>; M Diez-Rodriguez<sup>1</sup>; EA Rakha<sup>1</sup>; C Nolan<sup>1</sup>; MM Al-kabbi<sup>1</sup>

<sup>1</sup>Nottingham City Hospital, Nottingham, UK; <sup>2</sup>Faculty of Medicine Menofia University, Cairo, Egypt; <sup>3</sup>Breast Institute, Nottingham, UK; <sup>4</sup>University of Perugia, Perugia, Italy

14.15–14.30 **[O22] Exploring Molecular Mechanisms Underlying Lymphovascular Invasion in Breast Cancer**

Ⓢ SN Sonbul<sup>1</sup>; A Mukherjee<sup>1</sup>; R Russell<sup>2</sup>; OM Rueda<sup>2</sup>; M Aleskandarany<sup>1</sup>; AR Green<sup>1</sup>; E Provenzano<sup>3</sup>; C Caldas<sup>3</sup>; IO Ellis<sup>1</sup>; EA Rakha<sup>1</sup>

<sup>1</sup>Department of Pathology, School of Medicine, University of Nottingham, UK; <sup>2</sup>CRUK Cambridge Research Institute, University of Cambridge, Cambridge, UK; <sup>3</sup>Addenbrooke's Hospital, Cambridge Breast Unit, Cambridge University Hospital NHS Foundation Trust, Cambridge, UK

14.30–14.45 **[O23] Role of Insulin like Growth Factor Binding Proteins and Tamoxifen Resistance in Breast Cancer Epithelial Cells**

Ⓢ YM Hawsawi<sup>1</sup>; M Jove<sup>2</sup>; M Humphries<sup>3</sup>; A Wright<sup>3</sup>; R El-Gendy<sup>1</sup>; C Twelves<sup>2</sup>; V Speirs<sup>3</sup>; J Beattie<sup>1</sup>

<sup>1</sup>University of Leeds School of Dentistry, Leeds, UK; <sup>2</sup>St James's Institute of Oncology, Leeds, UK; <sup>3</sup>Leeds Institute of Cancer and Pathology, University of Leeds, Leeds, UK

14.45–15.00 **[O24] Exome Sequencing of Invasive Breast Cancer Specimens Identifies Discordant Mutational Evolutionary Changes in Invasive Primary Tumour and Axillary Nodal Metastases**

Ⓢ MA Aleskandarany<sup>1</sup>; S Mian<sup>2</sup>; M Diez-Rodriguez<sup>1</sup>; C Nolan<sup>1</sup>; E Nuglozeh<sup>2</sup>; M Fazuldeen<sup>2</sup>; A Elmouna<sup>2</sup>; I Ashankyty<sup>2</sup>; AR Green<sup>1</sup>; EA Rakha<sup>1</sup>; IO Ellis<sup>1</sup>

<sup>1</sup>Nottingham City Hospital, Nottingham, UK; <sup>2</sup>College of Applied Medical Sciences, University of Ha'il, Ha'il, KSA, Saudi Arabia

15.00–15.15 **[O25] c-Myc Function is Associated with Specific Molecular Subtypes of Breast Cancer and Confers Resistance to Endocrine Therapy but not Chemotherapy**

Ⓢ AR Green<sup>1</sup>; MA Aleskandarany<sup>1</sup>; S El-Sheikh<sup>1</sup>; CC Nolan<sup>1</sup>; RD Macmillan<sup>2</sup>; C Caldas<sup>3</sup>; S Madhusudan<sup>1</sup>; IO Ellis<sup>1</sup>; EA Rakha<sup>1</sup>

<sup>1</sup>University of Nottingham, Nottingham, UK; <sup>2</sup>Nottingham University Hospitals NHS Trust, Nottingham, UK; <sup>3</sup>CRUK Cambridge Institute, University of Cambridge, Cambridge, UK

▶ 14.00 – 17.00 — continued

Munster Lecture Theatre

15.15–15.30 **[O26] Metasin Axillary Predictive Score (MAPS): A Measure of Axillary Nodal Disease Prediction to Provide an Informed Choice for Breast Cancer Patients and Surgeons**

Ⓢ PP Gopinath<sup>1</sup>; D George<sup>1</sup>; P Sai-Giridhar<sup>2</sup>; S Jader<sup>1</sup>; E Arkoumani<sup>1</sup>; S Holt<sup>2</sup>; G Francis<sup>3</sup>; C Yiangou<sup>3</sup>; S Al Ramadhani<sup>4</sup>; S El Sheikh<sup>5</sup>; N Agrawal<sup>3</sup>; V Sundaresan<sup>1</sup>

<sup>1</sup>Princess Alexandra Hospital NHS Trust, Harlow, UK; <sup>2</sup>Prince Philip Hospital, Llanelli, UK; <sup>3</sup>Portsmouth Hospitals NHS Trust, Portsmouth, UK; <sup>4</sup>University College Hospital NHS Trust, London, UK; <sup>5</sup>Royal Free Hospital NHS Trust, London, UK

15.30–16.00 **COFFEE and TRADE EXHIBITION** [Landsdowne and Pembroke Rooms]16.00–16.15 **[O27] External Quality Assessment of BRCA1 and BRCA2 Gene Sequencing: Challenges for Quality in a Changing Diagnostic Environment**

SJ Patton<sup>1</sup>; G Ellison<sup>2</sup>; U Kristoffersson<sup>3</sup>; A Wallace<sup>4</sup>; C Houdayer<sup>5</sup>;

Ⓢ DE Barton<sup>6</sup>; CR Müller-Reible<sup>7</sup>; N Arnold<sup>8</sup>; A Kholmman<sup>9</sup>; A Osório<sup>10</sup>

<sup>1</sup>European Molecular Genetics Quality Network, Manchester, UK; <sup>2</sup>AstraZeneca, Macclesfield, UK; <sup>3</sup>Department of Clinical Genetics, University Hospital Lund, Lund, Sweden; <sup>4</sup>Manchester Centre for Genomic Medicine, St Mary's Hospital, Manchester, UK; <sup>5</sup>Institut Curie, Paris, France; <sup>6</sup>UCD School of Medicine & Medical Science, Our Lady's Children's Hospital, Dublin, Ireland; <sup>7</sup>Institut fuer Humangenetik, University of Wuerzburg, Wuerzburg, Germany; <sup>8</sup>Department of Gynaecology and Obstetrics, UKSH Campus Kiel, Kiel, Germany; <sup>9</sup>AstraZeneca, Macclesfield, UK; <sup>10</sup>Spanish National Cancer Centre, Madrid, Spain

16.15–16.30 **[O28] Good or Bad Sequencing Data? Setting a Benchmark for the Quality of Diagnostic NGS in the Laboratory**

Ⓢ N Wolstenholme<sup>1</sup>; SJ Patton<sup>1</sup>; Z Deans<sup>2</sup>; S Abbs<sup>3</sup>; J Coxhead<sup>4</sup>; K Brugger<sup>3</sup>; P Westwood<sup>5</sup>; K Thomson<sup>6</sup>; H Scheffer<sup>7</sup>

<sup>1</sup>EMQN, Manchester, UK; <sup>2</sup>UKNEQAS for Molecular Genetics, Edinburgh, UK; <sup>3</sup>Addenbrookes Hospital, Cambridge, UK; <sup>4</sup>NIHR Biomedical Research Centre, Newcastle, UK; <sup>5</sup>Western General Hospital, Edinburgh, UK; <sup>6</sup>John Radcliffe Hospital, Oxford, UK; <sup>7</sup>Radboud University Medical Center, Nijmegen, Netherlands

16.30–16.45 **[O29] CTC-5: A Novel Digital Pathology Approach to Circulating Tumour Cell Characterisation**

Ⓢ B Ffrench<sup>1</sup>; A Cooney<sup>1</sup>; C Ruttle<sup>1</sup>; N Gleeson<sup>2</sup>; C Spillane<sup>1</sup>; S O'Toole<sup>1</sup>; J O'Leary<sup>1</sup>

<sup>1</sup>Department of Histopathology, Trinity College, Dublin, Ireland; <sup>2</sup>Department of Gynaecological Oncology, St. James's Hospital, Dublin, Ireland

16.45–17.00 **[O30] Histogenic Molecular Mapping (HMM) – A Method for Interrogating Biological Pathways in Tissue Sections**

Ⓢ M Ilyas; A Pitiot

University of Nottingham, Nottingham, UK

▶ 14.00 – 17.00

Leinster Lecture Theatre

**SYMPOSIUM**

**Undergraduate Engagement Forum**

Chair: Dr RJ Byers, University of Manchester and Manchester Royal Infirmary, Manchester, UK  
Mr C Slater, University of Manchester, Manchester, UK  
Dr A McCann, University College Dublin, Ireland

**UNDERGRADUATE RESEARCH PRESENTATIONS**

**Four Top-Ranked Undergraduate Abstracts indicated: \***

14.00–14.15 **[P43] \* MED7 in Breast Cancer: Relationship to Grade and Lymphovascular Invasion**  
Ⓢ Miss O Macnamara<sup>1</sup>; C Joseph<sup>1</sup>; M Craze<sup>1</sup>; EA Rakha<sup>1</sup>; R Russell<sup>2</sup>; OM Rueda<sup>2</sup>; E Provenzano<sup>3</sup>; C Caldas<sup>2</sup>; IO Ellis<sup>1</sup>; A Mukherjee<sup>1</sup>  
<sup>1</sup>University of Nottingham, Nottingham, UK; <sup>2</sup>CRUK Cambridge Research Institute, Cambridge, UK; <sup>3</sup>Addenbrooke's Hospital, Cambridge University Hospital NHS Foundation Trust, Cambridge, UK

14.15–14.35 **INTRODUCTIONS BY CHAIRS**

14.35–14.55 **[S41] A Research Career in Pathology**  
Dr NP West  
Leeds Institute of Cancer and Pathology, University of Leeds, Leeds, UK

14.55–15.15 **COFFEE and TRADE EXHIBITION** [Landsdowne and Pembroke Rooms]

15.15–15.35 **[S42] Bioinformatics Analysis to Identify Processed Pseudogenes in Breast Cancer**  
Ⓢ Miss EJV Ew; POG O'Gaora  
University College Dublin, Dublin, Ireland  
● Presenter is UCD SSRA Finalist Medal Winner

15.35–15.50 **[P78] \* Investigating the Faecal Microbiome in Formalin Fixed Paraffin Embedded (FFPE) Material**  
Ⓢ Mr ITR Jobling<sup>1</sup>; M Taylor<sup>2</sup>; C Young<sup>2</sup>; HM Wood<sup>2</sup>; P Quirke<sup>2</sup>  
<sup>1</sup>University of Leeds, Leeds, UK; <sup>2</sup>Leeds Institute of Cancer and Pathology, Leeds, UK

15.50–16.05 **[P82] \* Impact of Tumour Budding in Oesophageal Adenocarcinomas**  
Ⓢ Mr L Guldener<sup>1</sup>; S Thies<sup>1</sup>; J Slotta-Huspenina<sup>2</sup>; I Zlobec<sup>1</sup>; VH Koelzer<sup>1</sup>; D Kroell<sup>3</sup>; CA Seiler<sup>3</sup>; M Feith<sup>4</sup>; R Langer<sup>1</sup>  
<sup>1</sup>Institute of Pathology, University of Bern, Bern, Switzerland; <sup>2</sup>Institute of Pathology, Technische Universität München, München, Germany; <sup>3</sup>Department of Surgery, Inselspital Bern, Bern, Switzerland; <sup>4</sup>Department of Surgery, Technische Universität München, München, Germany

▶ 14.00 – 17.00 — continued

Leinster Lecture Theatre

16.05–16.20 **[P118] \* An Investigation Into the Prevalence of Transformation Within a Cohort of Diffuse Large B Cell Lymphoma Patients**  
Ⓢ Miss HR Freer<sup>1</sup>; U Johansson<sup>2</sup>; J Pawade<sup>2</sup>  
<sup>1</sup>University of Bristol, Bristol, UK; <sup>2</sup>Bristol Royal Infirmary, Bristol, UK

16.20–16.35 **[S43] Student Perception of Optimisation Compared with the Evidence of Optimisation in Paediatric Radiography Case Studies**  
Ⓢ Miss J Doyle; K Matthews; A McGee  
University College Dublin, Dublin, Ireland  
● Presenter is UCD SSRA Finalist Medal Winner

16.35–16.50 **[S44] Design of a Paediatric Immobilisation Device for use in Radiographic Examinations**  
Ⓢ Mr JPM Murtagh<sup>1</sup>; MD Davis<sup>2</sup>; EOC O'Cearbhaill<sup>3</sup>; JG Grehan<sup>2</sup>  
<sup>1</sup>UCD School of Medicine, Dublin, Ireland; <sup>2</sup>UCD School of Health Sciences, Dublin, Ireland; <sup>3</sup>UCD School of Engineering, Dublin, Ireland  
● Presenter is UCD SSRA Finalist Medal Winner

16.50–17.00 **PRESENTATION**  
**Pathological Society Undergraduate Essay Prize Winner 2014**  
Presented to Mr A Bhatt, University College London, UK

▶ 13.30 – 17.00

Ulster Lecture Theatre

**SYMPOSIUM**

**Renal Pathology, including Renal EQA and Renal Transplant EQA**  
Chair: Prof ISD Roberts, John Radcliffe Hospital, Oxford, UK  
Dr AM Dorman, Beaumont Hospital, Dublin, Ireland

13.30–13.50 **[S45] Thrombotic Microangiopathy and the Kidney**  
Dr AM Dorman  
Beaumont Hospital/RCSI, Dublin, Ireland

13.50–14.10 **Histological Classification of Diabetic Nephropathy – Does it Add Clinical Value?**  
Dr I Bajema  
Leiden University Medical Centre, Leiden, The Netherlands

14.10–14.30 **IgA Nephropathy: Report From the First Oxford Conference**  
Prof ISD Roberts  
John Radcliffe Hospital, Oxford, UK

14.30–15.00 **Genome Wide Association Studies of Kidney Diseases – A Population Based Approach to Kidney Disease**  
Dr C O'Seaghdha  
Beaumont Hospital Kidney Centre Dublin Ireland

▶ 13.30 – 17.00

Ulster Lecture Theatre

15.00–15.20 **COFFEE and TRADE EXHIBITION** [Landsdowne and Pembroke Rooms]

15.20–15.40 **Royal College of Pathologists / Renal Registry Issues**

Prof M Sheaff

*Barts Health NHS Trust, London, UK*

15.40–16.30 **Renal EQA**

Prof ISD Roberts

*Cellular Pathology, John Radcliffe Hospital Oxford, Oxford, UK*

16.30–17.00 **Renal Transplant EQA**

Dr DAH Neil

*Queen Elizabeth Hospital, Birmingham, UK*

▶ 17.00 – 18.00

Landsdowne and Pembroke Rooms

**POSTER VIEWING and CHAIRMAN'S ROUNDS**

GROUP – CATEGORY	POSTER NUMBER	CHAIR
6a – Cellular/Molecular Pathology	P15–P23	Prof M Ilyas, Nottingham; Dr B Doyle, Dublin
6b – Cellular/Molecular Pathology	P24–P31	Dr RJ Byers, Manchester; Prof S Finn, Dublin
7 – Education and Audit	P57–P63	Dr EJ Soilleux, Oxford; Dr N Swan, Dublin
8 – Experimental Tumour Pathology	P64–P66 *	Prof MJ Arends, Edinburgh; Dr A McCann, Dublin
9a – Gastrointestinal	P74–P89	Prof Sir NA Wright, London; Dr D Gibbons, Dublin
9b – Gastrointestinal & Hepatobiliary/Pancreas	P90–P101 P135–P137	Dr N Nolan, Dublin; Dr N Mulligan, Dublin
10 – Haematological Pathology	P118–P126	Dr R Flavin, Dublin; Dr T Marafioti, London
11 – Head and Neck	P127–P133 *	Prof G Thomas, Southampton; Prof S Kennedy, Dublin
12 – Neonatal/Paediatric	P138–P139	Dr P Downey, Dublin
13 – Neuropathology/Ophthalmic	P140–P141	Prof JE Martin, London; Prof P van der Valk, Amsterdam
14 – Osteoarticular/Soft Tissue	P142–P145	Prof M Leader, Dublin; Prof AM Flanagan, London
15 – Renal	P146	Prof S Fleming, Dundee; Dr AM Dorman, Dublin
16 – Skin	P147–P149 *	Dr N Brearley, Southampton; Dr N Kirkham, Glasgow
17 – Technical Advances	P153–P156 *	Prof GI Murray, Aberdeen; Dr D Treanor, Leeds

\* P65, P134, P137, P150, P151 and P152 have been withdrawn

▶ 19.30 – 23.00

Dublin Castle

**CONFERENCE DINNER and IRISH ENTERTAINMENT**

(Transport will be provided)

▶ 08.00

Foyer

**REGISTRATION and COFFEE**

▶ 08.45 – 17.00

Foyer

**SLIDE SEMINAR CASE COMPETITION VIEWING: *Cytopathology***

▶ 09.00 – 12.00

Herbert Lecture Theatre

**SYMPOSIUM*****Molecular Pathology – How We Use it Today***

Chair: Prof AM Flanagan, University College London Cancer Institute,  
London UK  
Prof E Kay, Beaumont Hospital, Dublin, Ireland

- 09.00–09.45 **[S46] *Next Generation Sequencing: What Will it Mean for the Pathologist?***  
Dr CL Corless  
*Oregon Health and Science University, Portland, Oregon, USA*
- 09.45–10.10 **[S47] *Next Generation Sequencing in Muscle Disease – A Tale of Two Cities***  
Dr AR Foley  
*National Institute of Neurological Disorders and Stroke, National Institutes of Health, Bethesda, USA*
- 10.10–10.30 ***Next Generation Sequencing in Solid Organ Malignancy***  
Prof S Finn  
*Trinity College, Dublin, Ireland*
- 10.30–11.00 **COFFEE and TRADE EXHIBITION** [Landsdowne and Pembroke Rooms]
- 11.00–11.45 **[S48] *Companion Diagnostics: The Evolving Role of Diagnostic Pathology***  
**Sponsored by Roche Diagnostics**  
Dr MTP Padilla  
*Ventana Medical Systems, Inc. / Roche Tissue Diagnostics Companion Diagnostics, Tucson, USA*
- 11.45–12.05 **[S49] *Companion Diagnostics for Haematological Malignancies***  
Dr RJ Flavin  
*St. James's Hospital, Dublin, Ireland*
- 12.05–12.20 **PANEL DISCUSSION and Q&A**

▶ 09.00 – 12.00

Munster Lecture Theatre

**ORAL PRESENTATIONS*****Gastrointestinal; Hepatobiliary/Pancreas***

Chair: Dr N Nolan, St Vincent's University Hospital, Dublin, Ireland  
Dr A Treacy, Mater Private Hospital, Dublin, Ireland

- 09.00–09.15 **[O31] *Personalising Treatment in Locally Advanced Rectal Cancer Using Macrophage Subpopulations to Predict the Degree of Response to Radiotherapy***  
A Noshirwani<sup>1</sup>; S Shaikh<sup>1</sup>; © NP West<sup>2</sup>; SL Perry<sup>1</sup>; T Maisey<sup>1</sup>; DG Jayne<sup>1</sup>  
<sup>1</sup>*Leeds Institute of Biomedical Clinical Sciences, University of Leeds, Leeds, UK;* <sup>2</sup>*Leeds Institute of Cancer and Pathology, University of Leeds, Leeds, UK*
- 09.15–09.30 **[O32] *An Evaluation of Culture Techniques versus 16S Profiling for Investigation of Antibiotic-Mediated Alteration of Microbiota Populations within a Clinically Reflective In Vitro Model of the Human Gut***  
© CH Chilton; M Taylor; HM Wood; MH Wilcox; P Quirke  
*University of Leeds, Leeds, UK*
- 09.30–09.45 **[O33] *Spatial Sampling in Barrett's Oesophagus Shows Clonal Evolution of Oesophageal Adenocarcinoma from Metaplastic Non-Goblet Columnar Epithelium***  
© M Jansen; SA McDonald; D Lavery; NA Wright; P Martinez; TA Graham; LJ Gay  
*Barts Cancer Institute, London, UK*
- 09.45–10.00 **[O34] *Impact of Neoadjuvant Therapy on Cancer-Associated Fibroblasts in Rectal Cancer***  
© L Verset<sup>1</sup>; J Tommelein<sup>2</sup>; X Moles Lopez<sup>3</sup>; C Decaestecker<sup>3</sup>; T Boterberg<sup>2</sup>; E De Vlieghere<sup>2</sup>; I Salmon<sup>1</sup>; M Mareel<sup>2</sup>; M Bracke<sup>2</sup>; O De Wever<sup>2</sup>; P Demetter<sup>1</sup>  
<sup>1</sup>*Erasmus University Hospital, Brussels, Belgium;* <sup>2</sup>*Ghent University Hospital, Ghent, Belgium;* <sup>3</sup>*DIAPATH-CMMI, Gosselies, Belgium*
- 10.00–10.15 **[O35] *Immunohistochemistry Initiates a Complex Screening Cascade in the Detection of Lynch Syndrome***  
© GM O'Kane<sup>1</sup>; T McVeigh<sup>2</sup>; D Keegan<sup>3</sup>; D Flannery<sup>1</sup>; K O'Connor<sup>1</sup>; M Farrell<sup>4</sup>; C Shields<sup>4</sup>; BJ Meighan<sup>1</sup>; P McCormick<sup>1</sup>; D Winter<sup>3</sup>; N Mulligan<sup>4</sup>; C Muldoon<sup>1</sup>; R Geraghty<sup>3</sup>; A Green<sup>2</sup>; MJ Kennedy<sup>1</sup>; K Sheahan<sup>3</sup>; DJ Gallagher<sup>4</sup>  
<sup>1</sup>*St James's Hospital, Dublin, Ireland;* <sup>2</sup>*National Centre for Medical Genetics, Our Lady's Children's Hospital, Dublin, Ireland;* <sup>3</sup>*St. Vincent's University Hospital, Dublin, Ireland;* <sup>4</sup>*Mater Misericordiae University Hospital, Dublin, Ireland*

▶ 09.00 – 12.00 — *continued*

## Munster Lecture Theatre

- 10.15–10.30 **[O36] Residual Tumour Cell Density and the Relationship to Survival Following Pre-Operative Chemoradiation in Locally Advanced Rectal Cancer: Results of the NCCOG RICE Trial**  
 © NP West<sup>1</sup>; R Kodavatiganti<sup>2</sup>; E Tinkler Hundal<sup>1</sup>; P Quirke<sup>1</sup>; S Gollins<sup>2</sup>  
<sup>1</sup>Leeds Institute of Cancer and Pathology, University of Leeds, Leeds, UK; <sup>2</sup>North Wales Cancer Treatment Centre, Rhyl, UK
- 10.30–11.00 **COFFEE and TRADE EXHIBITION** [Landsdowne and Pembroke Rooms]
- 11.00–11.15 **[O37] A Prognostic Classifier for Patients with Colorectal Cancer Liver Metastasis**  
 JAC Goos; VMH Coupe; MA van de Wiel; B Diosdado; PM Delis-van Diemen; AC Hiemstra; EMV de Cuba; JAM Belien; CW Menke-van der Houven van Oordt; AA Geldof; GA Meijer; OS Hoekstra;  
 © RJA Fijneman  
 VU University Medical Center, Amsterdam, Netherlands
- 11.15–11.30 **[O38] Pathological Response and Specimen Quality Following Long-Course Chemoradiotherapy for Rectal Cancer with a Six vs. Twelve Week Delay: Data From the STARRCAT Randomised Controlled Trial**  
 J Foster<sup>1</sup>; E Cooper<sup>1</sup>; © NP West<sup>2</sup>; E Tinkler-Hundal<sup>2</sup>; N Francis<sup>1</sup>  
<sup>1</sup>Yeovil District Hospital, Yeovil, UK; <sup>2</sup>Leeds Institute of Cancer and Pathology, University of Leeds, Leeds, UK
- 11.30–11.45 **[O39] The Role of Tissue Factor Pathway Inhibitor (TFPI) in Liver Injury**  
 © G Petts<sup>1</sup>; H Kudo<sup>1</sup>; A Dorling<sup>2</sup>; M Thursz<sup>1</sup>; R Goldin<sup>1</sup>  
<sup>1</sup>Imperial College London, London, UK; <sup>2</sup>Kings College London, London, UK
- 11.45–12.00 **[O40] The Liver Biopsy in Alcoholic Hepatitis: Data from the Steroids or Pentoxifylline in Alcoholic Hepatitis (STOPAH) Clinical Trial**  
 © G Petts<sup>1</sup>; K Lloyd<sup>1</sup>; N Vergis<sup>1</sup>; H Kudo<sup>1</sup>; A Quaglia<sup>2</sup>; E Forrest<sup>3</sup>; M Thursz<sup>1</sup>; R Goldin<sup>1</sup>  
<sup>1</sup>Imperial College London, London, UK; <sup>2</sup>Kings College London, London, UK; <sup>3</sup>Glasgow Royal Infirmary, Glasgow, UK

## ▶ 09.00 – 12.00

## Leinster Lecture Theatre

- SLIDE SEMINAR DISCUSSION**  
**Cytopathology**  
 Chair: Dr D Gibbons, St Vincent's University Hospital, Dublin, Ireland  
 Dr J McCarthy, Cork University Hospital, Cork, Ireland
- 09.00–09.20 **Cases 1 and 2**  
 Dr M Casey  
 Galway University Hospital, Galway, Ireland
- 09.20–09.40 **Cases 3 and 4**  
 Dr D Gibbons  
 St Vincent's University Hospital, Dublin, Ireland
- 09.40–10.00 **Cases 5 and 6**  
 Dr N Mulligan  
 Mater Misericordiae University Hospital, Dublin, Ireland
- 10.10–10.20 **Cases 7 and 8**  
 Dr J McCarthy  
 Cork University Hospital, Cork, Ireland
- 10.20–11.00 **COFFEE and TRADE EXHIBITION** [Landsdowne and Pembroke Rooms]
- 11.00–11.20 **Cases 9 and 10**  
 Dr S Nicholson  
 St James's Hospital, Dublin, Ireland
- 11.20–11.40 **Cases 11 and 12**  
 Dr S Crowther  
 The Tallaght Hospital, Dublin, Ireland
- 11.40–12.00 **Cases 13 and 14**  
 Dr D Royston  
 Beaumont Hospital, Dublin, Ireland

## ▶ 09.00 – 17.00

## Ulster Lecture Theatre

**ASSOCIATION OF CLINICAL ELECTRON MICROSCOPISTS MEETING**See separate programme on: [www.path.org.uk](http://www.path.org.uk)

▶ 13.00 – 14.00

Munster Lecture Theatre

**TRAINEES' SESSION: MEET THE EXPERTS****Neuropathology for Generalists**

(Separate lunch will be provided)

Chair: Dr M Clarke, Leicester Royal Infirmary, Leicester, UK  
Dr O O'Brien, Cork University Hospital, Cork, Ireland13.00–13.30 **[S50] The Neuropathology Post Mortem for Trainees**

Prof M Farrell

Beaumont Hospital, Dublin, Ireland

13.30–14.00 **[S51] Approach to the Neuropathology of Brain Tumours**

Dr KM Kurian

Institute of Clinical Neurosciences, Bristol, UK

▶ 13.00 – 14.00

Leinster Lecture Theatre

**PATHOLOGICAL SOCIETY OF GREAT BRITAIN & IRELAND:  
ANNUAL GENERAL MEETING**

(Agendas will be sent to Members)

▶ 13.00 – 14.00

Landsdowne and Pembroke Rooms

**LUNCH and TRADE EXHIBITION**

▶ 14.00 – 16.00

Herbert Lecture Theatre

**PLENARY ORAL PRESENTATIONS**Chair: Prof AM Flanagan, University College London Cancer Institute,  
London, UK  
Prof ISD Roberts, John Radcliffe Hospital, Oxford, UK14.00–14.15 **[PL1] SOCS2 as a Marker Related to Low Grade and Tumour****Morphology in Breast Cancer**Ⓢ M Craze<sup>1</sup>; C Joseph<sup>1</sup>; R Russel<sup>2</sup>; OM Rueda<sup>2</sup>; E Provenzano<sup>3</sup>; C Caldas<sup>4</sup>;  
IO Ellis<sup>1</sup>; A Mukherjee<sup>1</sup><sup>1</sup>University of Nottingham, Nottingham, UK; <sup>2</sup>CRUK Cambridge Research Institute,  
Cambridge, UK; <sup>3</sup>Addenbrooke's Hospital, Cambridge University Hospital NHS Foundation  
Trust, Cambridge, UK; <sup>4</sup>CRUK Cambridge Research Institute, Addenbrooke's Hospital,  
Cambridge, UK▶ 14.00 – 16.00 — *continued*

Herbert Lecture Theatre

14.15–14.30 **[PL2] Novel Hypoxia-Associated Markers of Chemoresistance in  
High Grade Serous Ovarian Cancer**L McEvoy<sup>1</sup>; Ⓢ SA O'Toole<sup>1</sup>; CD Spillane<sup>1</sup>; B Stordal<sup>1</sup>; M Gallagher<sup>1</sup>;  
CM Martin<sup>1</sup>; L Norris<sup>1</sup>; N Gleeson<sup>1</sup>; A McGoldrick<sup>2</sup>; F Furlong<sup>3</sup>;  
A McCann<sup>2</sup>; O Sheils<sup>1</sup>; JJ O'Leary<sup>1</sup><sup>1</sup>Trinity College Dublin, Dublin, Ireland; <sup>2</sup>University College Dublin, Dublin, Ireland;<sup>3</sup>Queens University Belfast, Belfast, UK14.30–14.45 **[PL3] Gene Network Analysis Reveals a Novel Pathological Cell Type  
in Paediatric Focal Cortical Dysplasia**Ⓢ F Scerif<sup>1</sup>; SR Picker<sup>1</sup>; SA Yasin<sup>1</sup>; A Alahdal<sup>2</sup>; A Virasami<sup>2</sup>; W Harkness<sup>3</sup>;  
M Tisdall<sup>3</sup>; F Guillemot<sup>4</sup>; SML Paine<sup>1</sup>; JH Cross<sup>1</sup>; TS Jacques<sup>1</sup><sup>1</sup>UCL Institute of Child Health, London, UK; <sup>2</sup>Department of Histopathology, Great OrmondStreet Hospital, London, UK; <sup>3</sup>Department of Neurosurgery, Great Ormond Street Hospital,London, UK; <sup>4</sup>National Institute for Medical Research, London, UK14.45–15.00 **[PL4] Post Mortem Microarray and Methylation Studies in Stillbirths  
with Unexplained IUGR**Ⓢ IU Nicklaus-Wollenteit<sup>1</sup>; L Cooper-Charles<sup>2</sup>; D McMullan<sup>2</sup>; T Marton<sup>2</sup>;  
D Lim<sup>2</sup>; L Brueton<sup>2</sup>; P Cox<sup>2</sup><sup>1</sup>Birmingham Children's Hospital, Birmingham, UK; <sup>2</sup>Birmingham Women's Hospital,  
Birmingham, UK15.00–15.30 **COFFEE and TRADE EXHIBITION** [Landsdowne and Pembroke Rooms]15.30–15.45 **[PL5] Identification of a Novel Integrative Prognostic Signature  
to Stratify High Risk Stage II CRC Patients through Big-Data Image  
Analysis**

Ⓢ PD Caie; DJ Harrison

Royal Infirmary of Edinburgh / University of St Andrews, St Andrews, UK

15.45–16.00 **[PL6] Advanced Neoplasia Detection in Colorectal Cancer Screening  
Using Multiple Stool DNA Markers and Haemoglobin**LJW Bosch<sup>1</sup>; V Melotte<sup>2</sup>; S Mongera<sup>1</sup>; KLJ Daenen<sup>2</sup>; VHM Coupé<sup>1</sup>;  
ST van Turenhout<sup>1</sup>; EM Stoop<sup>3</sup>; TR de Wijkerslooth<sup>4</sup>; CJJ Mulder<sup>1</sup>;  
EJ Kuipers<sup>3</sup>; E Dekker<sup>4</sup>; M Domanico<sup>5</sup>; GP Lidgard<sup>5</sup>; BM Berger<sup>5</sup>;Ⓢ B Carvalho<sup>1</sup>; M van Engeland<sup>2</sup>; GA Meijer<sup>1</sup><sup>1</sup>VU University Medical Center, Amsterdam, Netherlands; <sup>2</sup>Maastricht University MedicalCenter, Maastricht, Netherlands; <sup>3</sup>Erasmus Medical Center, Rotterdam, Netherlands;<sup>4</sup>Academic Medical Center, Amsterdam, Netherlands; <sup>5</sup>Exact Sciences Corporation, Madison,

USA



▶ 14.00 – 16.00

Munster Lecture Theatre

**QUALITY ASSURANCE IN PATHOLOGY**

Chair: Dr N Swan, St Vincent's University Hospital, Dublin, Ireland  
Dr D Hughes, Sheffield Teaching Hospitals, Sheffield, UK

14.00–14.20 **[S52] A National Framework for Quality Assurance in Cellular Pathology – The Irish Approach**  
© Dr N Swan<sup>1</sup>; J O'Keane<sup>2</sup>; K Sheahan<sup>1</sup>; J McCarthy<sup>3</sup>; A Treacy<sup>4</sup>; S Phelan<sup>5</sup>  
<sup>1</sup>St. Vincent's University Hospital, Dublin, Ireland; <sup>2</sup>Mater Misericordiae Hospital, Dublin, Ireland; <sup>3</sup>Cork University Hospital, Cork, Ireland; <sup>4</sup>Mater Private Hospital, Dublin, Ireland; <sup>5</sup>Galway University Hospital, Galway, Ireland

14.20–14.40 **[S53] The Politics of EQA: The NHS England QA Review and its Consequences**  
Dr DE Hughes  
Royal Hallamshire Hospital, Sheffield, UK

14.40–15.00 **[S54] The Role of Quality Assurance in the Molecular Laboratory**  
Ms EA Sheppard  
Roche Tissue Diagnostics, Tucson, Arizona, USA

15.00–15.30 **COFFEE and TRADE EXHIBITION** [Landsdowne and Pembroke Rooms]

15.30–16.00 **[S55] How to Run a Histopathology EQA in the Digital Age**  
© Dr NJ Mayer<sup>1</sup>; © Dr JD Oxley<sup>2</sup>  
<sup>1</sup>Cork University Hospital, Cork, Ireland; <sup>2</sup>Southmead Hospital, Bristol, UK

▶ 16.00 – 17.00

Herbert Lecture Theatre

16.00–17.00 **THE PATHOLOGICAL SOCIETY'S 12<sup>TH</sup> DONIACH LECTURE**  
**[S56] Molecular Pathology: The Future?**  
Prof CS Herrington  
University of Edinburgh, Edinburgh, UK

End of Conference

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