Belfast Pathology 2017

10th Joint Meeting of the British Division of the International Academy of Pathology and the Pathological Society of Great Britain & Ireland

20 – 23 June 2017

Hosted by
Northern Ireland Molecular Pathology Laboratory
Centre for Cancer Research and Cell Biology
Queen’s University Belfast • Department of Tissue Pathology
Belfast Health and Social Care Trust

Venue
Belfast Waterfront, 2 Lanyon Place, Belfast BT1 3WH

Companion Sessions
AIDPATH • Association of Clinical Electron Microscopists
British Association of Cytopathology
British Association of Gynaecological Pathology
British Association of Urological Pathologists
Dutch Irish English (DIE) Cardiac Group • Renal EQA
Renal Transplant EQA • 100,000 Genomes Project
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Refer to [www.path.org.uk](http://www.path.org.uk) for Abstract Listings: ▶ Invited Speakers ▶ Plenary Oral and Oral ▶ Posters

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**PROGRAMME ACKNOWLEDGEMENTS**

This Programme is published jointly by the British Division of the International Academy of Pathology and the Pathological Society of Great Britain & Ireland. © 2017

**COVER PHOTOGRAPHS**

- **Front — Top:** Belfast City Hall ¹  **Middle:** Queens University Belfast ²  **Bottom:** The Titanic Centre ¹
- **Back — Top:** Belfast Waterfront ¹  **Middle four:** Conference and Exhibition facilities ³  **Bottom left:** The Giant’s Causeway ¹  **Bottom right:** Belfast Waterfront at night ¹

The publishers wish to thank the following for granting permission to use their photographs:

1. Northern Ireland Tourist Board ²  Queen's University Belfast ³

This publication was designed and produced in England by Byte & Type Limited, Birmingham (Tel: 0333 666 4321).
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<td>Registration and Coffee</td>
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<td>08.00–18.00</td>
<td>Slide Seminar Case Competition Viewing</td>
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<tr>
<td>08.00–08.55</td>
<td>Trainees' Breakfast Session: Meet the Experts – Interstitial Lung</td>
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<td>Light breakfast will be provided</td>
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<td>08.55–11.55</td>
<td>BAUP Companion Meeting</td>
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<tr>
<td>09.00–11.55</td>
<td>Symposium: What's New in Interstitial Lung Disease</td>
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<td>100,000 Genomes Project Companion Meeting</td>
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<td>10.00–10.20</td>
<td>Refreshment Break and Trade Exhibition</td>
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<td>10.20–10.40</td>
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<td>12.00–13.00</td>
<td>BDIAP Kristin Henry Lecture: Pathological Subtyping of Ovarian and</td>
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<td>Endometrial Cancers – A Story of Success or Failure</td>
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<td>Prof WG McCluggage, Belfast</td>
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<td>13.00–14.00</td>
<td>Lunch, Trade Exhibition and Poster Viewing</td>
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<td>13.30–16.50</td>
<td>BAUP Companion Meeting</td>
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<td>14.00–16.25</td>
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<td>Symposium: Molecular Diagnostics for Histopathologists</td>
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<td>Public Lecture: From Nora Barnacle to Barack Obama – A Personalised</td>
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<td>Journey Through Precision Medicine</td>
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<td>Prof M Lawler, Belfast</td>
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<td>Welcome Reception (co-hosted by Belfast City Council) and Tours</td>
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<td></td>
<td>18.30–19.15 Belfast City Hall Tours (at 18.30–19.00 and 18.45–19.15)</td>
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<td>– places are limited.</td>
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<td>19.00–20.15 Welcome Reception.</td>
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<td>08.00</td>
<td>Registration and Coffee</td>
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<td>08.00–18.00</td>
<td>Slide Seminar Case Competition Viewing</td>
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<tr>
<td>09.00–11.55</td>
<td>Symposium: Gastrointestinal Pathology</td>
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<tr>
<td>10.20–10.40</td>
<td>Refreshment Break and Trade Exhibition</td>
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<td>12.00–12.45</td>
<td>The Pathological Society's CL Oakley Lecture: Improving Outcomes in Colorectal Cancer – The Importance of Rigorous Pathological Quality Control</td>
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<td>12.45–14.00</td>
<td>Lunch, Trade Exhibition and Poster Viewing</td>
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<td>14.00–17.00</td>
<td>Symposium: Hepatobiliary</td>
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<td>Symposium: Oral Presentations</td>
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<td>09.00–11.55</td>
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<td>10.45–10.30</td>
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<td>14.00–16.45</td>
<td>Oral Presentations Breast; Gynaecological</td>
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<td>14.00–17.00</td>
<td>Symposium: Journal of Pathology ARI – Genetics of Disease</td>
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<td>Refreshment Break and Trade Exhibition</td>
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<td>Refreshment Break and Trade Exhibition</td>
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<td>12.15–13.30</td>
<td>Lunch, Trade Exhibition and Poster Viewing</td>
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<tr>
<td>12.45–14.00</td>
<td>Lunch, Trade Exhibition and Poster Viewing</td>
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<td>13.15–13.55</td>
<td>Cirdan Imaging – Lunchtime Lecture: Why the Industry is Swinging Back to 'Best of Breed' Laboratory Information Systems</td>
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<td>14.00–17.00</td>
<td>Symposium: Head and Neck</td>
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<td>15.30–16.00</td>
<td>Refreshment Break and Trade Exhibition</td>
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<tr>
<td>14.00–17.00</td>
<td>Symposium: Haematopathology</td>
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<td>15.30–16.00</td>
<td>Refreshment Break and Trade Exhibition</td>
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* 1600 onwards Closed Meeting of AIDPATH Management
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<th>Time</th>
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<th>Location</th>
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<tr>
<td>07.45</td>
<td>Registration and Coffee</td>
<td>Hall 1A/B, Lv 1</td>
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<tr>
<td>08.00–18.00</td>
<td>Slide Seminar Case Competition Viewing</td>
<td>Hall 1A/B, Lv 1</td>
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<td>08.30–12.00</td>
<td>Symposium: Breast</td>
<td>Hall 1D, Lv 1</td>
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<td>10.00–10.20</td>
<td>Refreshment Break and Trade Exhibition</td>
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<td>13.00–14.00</td>
<td>Lunch, Trade Exhibition and Poster Viewing</td>
<td>Hall 1A/B, Lv 1</td>
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<td>15.00–15.25</td>
<td>Refreshment Break and Trade Exhibition</td>
<td>Hall 1A/B, Lv 1</td>
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<tr>
<td>16.30–17.15</td>
<td>The Pathological Society's Doniach Lecture: Fields of Carcinogenesis in Breast and Oesophagus</td>
<td>Hall 10, Lv 1</td>
<td>Dr JJ Going, Glasgow</td>
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<tr>
<td>19.30–23.00</td>
<td>Conference Dinner</td>
<td>Titanic Suite, Titanic Belfast</td>
<td>Including musical entertainment</td>
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<td>Transport will be provided</td>
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### Programme Overview

**Friday 23 June 2017**

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<th>Time</th>
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<tr>
<td><strong>08.00</strong></td>
<td>Registration and Coffee</td>
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<td><strong>09.00–12.00</strong></td>
<td>Trainees’ Symposium: Autopsy; Digital Pathology for Clinical Diagnostics: Drivers for Change</td>
<td>Room 3A/B, Lv 3</td>
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<tr>
<td>10.20–10.40</td>
<td>Refreshment Break</td>
<td>Riverside Foyer, Lv 3</td>
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<tr>
<td><strong>12.00–13.00</strong></td>
<td>Trainees’ Network Lunch; Digital Pathology for Clinical Diagnostics: Drivers for Change</td>
<td>Riverside Foyer, Lv 3</td>
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<tr>
<td><strong>12.00–13.00</strong></td>
<td>Trainees’ Session: Slide Seminar Discussion</td>
<td>Room 1B, Lv 3</td>
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<tr>
<td>13.00–14.30</td>
<td>Refreshments</td>
<td>Riverside Foyer, Lv 3</td>
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<tr>
<td><strong>14.30–15.30</strong></td>
<td>Trainees’ Lecture: How to Train in Molecular Pathology</td>
<td>Room 1B, Lv 3</td>
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<td><strong>17.00</strong></td>
<td>End of Conference</td>
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**British Association for Cytopathology (BAC) Interventional Cytopathology**

**Association of Clinical Electron Microscopists (ACEM)**

**DIE Cardiac Group Meeting**

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<td><strong>09.50–16.30</strong></td>
<td><strong>COMPANION MEETING</strong> British Association for Cytopathology (BAC) Interventional Cytopathology</td>
<td>Room 1A, Lv 3</td>
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<td><strong>09.00–17.00</strong></td>
<td><strong>COMPANION MEETING</strong> Association of Clinical Electron Microscopists (ACEM)</td>
<td>Room 2A, Lv 3</td>
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<td><strong>15.00–15.30</strong></td>
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<td><strong>15.30–16.00</strong></td>
<td>Refreshment Break</td>
<td>Riverside Foyer, Lv 3</td>
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See page number in Detailed Programme [Location in brackets] Rm = Room    Lv = Level
ORAL PRESENTATIONS [Room 1A, Level 3]
Sessions will be held as follows:
Tuesday 20 June 14.00–16.25
Wednesday 21 June 09.00–11.30 and 14.00–16.45
Thursday 22 June 09.00–11.15

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 [Hall 1D, Level 1]
The eight highest-ranked submitted oral abstracts will be presented on Thursday 22 June, 14.00–16.25.

Prize: A prize of a case of champagne and a monetary prize will be given for the best presentation, donated by the Journal of Pathology, to be presented at the Conference Dinner on Thursday 22 June — at the discretion of the winner, by tradition, the champagne is shared amongst those present at the dinner!

POSTERS, VIEWING AND CHAIRMAN’S ROUNDS [Hall 1A/B, Level 1]

**Poster Size**
Poster boards will be size A0 portrait (1189 mm x 841 mm). Please do not exceed these dimensions. Fixings will be provided.

For information on 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**
Wednesday 21 June 17.00–18.30
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.
**Cambridge University Press:** Have donated some book token prizes.

All winners will be announced at the Conference Dinner on Thursday 22 June.

**Note to presenters**
Ideally, posters should be in place by 09.00 hrs on Tuesday 20 June and must be removed by 15.25 hrs on Thursday 22 June.
**Scientific Session Information**

**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 Viewing and Session**

**Viewing Virtual Slides** [Hall 1A/B, Level 1]
Slides images will be available for viewing on:
- Tuesday 20 June 08.00–18.00
- Wednesday 21 June 08.00–18.00
- Thursday 22 June 08.00–18.00 (Please note the competition closes at 16.00 on Thu 22 June)

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

**Prize**
A £250 Amazon Voucher. The winner will be announced at the Conference Dinner on Thursday 22 June.

**Competition Case Discussion Session** [Room 1B, Level 3]
Friday 23 June 13.00–14.30

**Symposia**

**Tuesday 20 June**
- 09.00–11.55 [Room 1A, Level 3] *What's New in Interstitial Lung Disease*
- 09.00–11.55 [Room 1B, Level 3] *Digital and Computational Pathology for Tissue Imaging and Analytics*
- 09.00–11.55 [Room 3A/B, Level 3] *BAGP Joint Symposium: Hot Topics in Gynaecological Pathology*
- 14.00–16.55 [Room 3A/B, Level 3] *BAGP Joint Symposium: The Perils and Pleasures of Biopsy Pathology Reporting*
- 14.00–16.55 [Room 1B, Level 3] *Molecular Diagnostics for Histopathologists*

**Wednesday 21 June**
- 09.00–11.55 [Hall 1D, Level 1] *Gastrointestinal Pathology*
- 09.00–11.55 [Room 1B, Level 3] *NGS for Tissue Pathologists*
- 09.00–11.55 [Room 3B, Level 3] *Dermatopathology*

**Thursday 22 June**
- 08.30–12.00 [Hall 1D, Level 1] *Breast Pathology*
- 08.30–13.00 [Room 1B, Level 3] *Renal Pathology including Renal EQA and Renal Transplant EQA*
- 09.00–12.00 [Room 3B, Level 3] *Sponsored by Advanced Cell Diagnostics Cancer Immunology for TPs*

**Friday 23 June**
- 09.00–13.00 [Room 3A/B, Level 3] *Digital Pathology for Clinical Diagnostics: Drivers for Change*

**Trainees Programme**

**Tuesday 20 June**
- 08.00–08.55 [Room 1A, Level 3] Breakfast Session: Meet the Experts – Interstitial Lung
  Light breakfast will be provided.

**Thursday 22 June**
- 13.15–14.00 [Room 1A, Level 3] Breakfast Session: Meet the Experts – Placental Pathology for the Generalist
  Separate lunch will be provided.

**Friday 23 June**
- 09.00–12.00 [Room 1B, Level 3] Trainees' Symposium: Autopsy
- 12.00–13.00 [Riverside Foyer, Level 3] Trainees' Network Lunch
  Separate lunch will be provided.
- 13.00–14.30 [Room 1B, Level 3] Trainees' Slide Seminar Discussion
- 14.50–15.30 [Room 1B, Level 3] Lecture: How to Train in Molecular Pathology
  Prof M Salto-Tellez
UNDERGRADUATE DAY

Tuesday 20 June
09.15–17.00 [Room 2B, Level 3]
Undergraduate Day

CONTINUING PROFESSIONAL DEVELOPMENT (CPD)

ROYAL COLLEGE OF PATHOLOGISTS

The Royal College of Pathologists has approved the Conference as detailed below. This is for the main Conference only and therefore for the BAUP, BAC and DIE Meetings delegates should refer to their individual programmes for CPD information.

**Full Day**
- Tuesday 20 June  7 credits
- Wednesday 21 June  6 credits
- Thursday 22 June  6 credits
- Friday 23 June  6 credits
- BAUP Meeting (Tuesday)  8 credits
- BAC Meeting (Friday)  5 credits
- DIE Meeting (Friday)  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.

TRADE EXHIBITION  [Hall 1A/B, Level 1]
Delegates are encouraged to visit the Trade Exhibition and are requested to support the companies represented there.

FEES AND REGISTRATION

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<th>Delegate Type</th>
<th>Fee Categories</th>
<th>Per Day or Part Day</th>
<th>Conference Dinner</th>
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<tbody>
<tr>
<td>BDIAP or Pathological Society Member</td>
<td>Ordinary Member, Consultant and/or equivalent position</td>
<td>£ 125</td>
<td>£ 60</td>
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<tr>
<td>BDIAP or Pathological Society Concessionary Member</td>
<td>Biomedical Scientist; Honorary or Senior Member; PhD Student; Post-Doctoral Fellow, Technician and Trainee</td>
<td>£ 40</td>
<td>£ 60</td>
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<tr>
<td>Pathological Society Undergraduate Student Member</td>
<td>Undergraduate Student</td>
<td>Free</td>
<td>£ 30</td>
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<tr>
<td>Non-Member</td>
<td>Consultant and/or equivalent position</td>
<td>£ 180</td>
<td>£ 60</td>
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<tr>
<td>Non-Member Concessionary</td>
<td>Biomedical Scientist; PhD Student; Post-Doctoral Fellow, Technician and Trainee</td>
<td>£ 55</td>
<td>£ 60</td>
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<tr>
<td>Non-Member Undergraduate Student</td>
<td>Undergraduate Student See special offer below</td>
<td>£ 55</td>
<td>£ 60</td>
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<td>Companion Groups (except ACEM)</td>
<td>All categories</td>
<td>£ 125</td>
<td>£ 60</td>
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ELIGIBLE COMPANION GROUPS

AIDPATH, British Association of Cytopathology, British Association of Gynaecological Pathology, British Association of Urological Pathologists, Dutch Irish English (DIE) Cardiac Group, Renal EQA, 100,000 Genomes Project.

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 NTNs where applicable. Proof must be by way of a statement from the Head of Department.

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

SPECIAL OFFER: Non-Member Undergraduate Students
Join the Pathological Society to benefit from free meeting registration for Belfast Pathology 2017 and all future Pathological Society scientific meetings.

For more information use the URLs below:
http://www.pathsoc.org/index.php/about/undergraduates
FEES AND REGISTRATION

LATE REGISTRATION FEES
FROM 00.01 ON SATURDAY 20 MAY 2017

<table>
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<th>Fee Categories</th>
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<th>Conference Dinner</th>
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<td>Ordinary Member, Consultant and/or equivalent position</td>
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<td>Biomedical Scientist; Honorary or Senior Member; PhD Student; Post-Doctoral Fellow, Technician and Trainee</td>
<td>£70</td>
<td>£80</td>
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<td>Pathological Society Undergraduate Student Member</td>
<td>Undergraduate Student</td>
<td>Free</td>
<td>£30</td>
</tr>
<tr>
<td>Non-Member</td>
<td>Consultant and/or equivalent position</td>
<td>£260</td>
<td>£80</td>
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<tr>
<td>Non-Member Concessionary</td>
<td>Biomedical Scientist; PhD Student; Post-Doctoral Fellow, Technician and Trainee</td>
<td>£85</td>
<td>£80</td>
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<tr>
<td>Non-Member Undergraduate Student</td>
<td>Undergraduate Student</td>
<td>£85</td>
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<tr>
<td>Companion Groups (except ACEM)</td>
<td>All categories</td>
<td>£190</td>
<td>£80</td>
</tr>
</tbody>
</table>

NOTE: Fees increase again after Monday 5 June (see below)

REGISTRATION
Registration is online only via: www.path.org.uk

ADVANCE REGISTRATION
Advance registration will close on Monday 5 June 2017 (midnight).
After this date all delegate fees will increase by £15.00 per day (including Undergraduate Members).

CANCELLATIONS
A cancellation fee of £20 will be deducted from any refund due for cancellations received in writing by Thursday 1 June 2017 (after which no refunds will be made).

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.

GENERAL ARRANGEMENTS

ENQUIRIES
Meeting website
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
Pathological Society of Great Britain & Ireland
Address 150 Minories, London EC3N 1LS
Telephone +44 (0)20 7347 5751 or 5752
E-mail admin@pathsoc.org

PRESENTATIONS
Presentation Checking and Preview [Corridor outside Hall1A/B, Level 1]
Presentation Checking and Preview facilities will be provided.

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 [Hall 1A/B, Level 1]
Wireless access will be generally available. PCs and Internet access will only be available in Halls A/B.

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 [Hall 1A/B, Level 1]
All refreshments will be served in the Halls A/B unless stated otherwise.

BADGES
Delegates are requested to wear their badges at all times.

COATS AND BAGS [Ground Floor Cloakroom]
Secure facilities will be provided for coats and bags will be provided.

TRAVEL
Please refer to the website: www.path.org.uk
ACCOMMODATION
Please refer to the website: www.path.org.uk

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

SOCIAL ACTIVITIES

TUESDAY 20 JUNE
Welcome Reception — co-hosted by Belfast City Council (Belfast City Hall).
Reserve your free ticket when registering online. Please visit: www.path.org.uk

Belfast City Hall Tours
There are two 30-minute tours (at 18.30 and 18.45) with a maximum of 50 people per tour. Please book when you register. The fee is £5.00.

THURSDAY 22 JUNE
Conference Dinner (Titanic Belfast) including musical entertainment provided by The Bentley Boys. Tickets are £60 (price increases to £80 after 15 May) and £30 for Undergraduates. Please reserve your ticket when registering online. Transport will be provided.

Delegates wishing to visit the Titanic Belfast Experience can obtain a discounted entrance fee of £14.50 (normally £17.50) – for the duration of the conference. Please quote the following code when booking via the website or on arrival at the ticket office: CONFDELS2017.

LOCAL PLACES OF INTEREST
For more information please refer to the website: www.path.org.uk

FUTURE MEETINGS

British Division of the IAP
Winter Meeting: Breast Pathology

Pathological Society
Joint Meeting with the RSM
5–9 February, London
Winter School

Joint Meetings of the British Division of the IAP and the Pathological Society
2017 19–20 August, London
Pathology Summer School for Medical Students (co-organised and sponsored with the Royal College of Pathologists)

2018 19–22 June, Maastricht
Maastricht Pathology 2018

2019 June, Leeds
Leeds Pathology 2019
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:

**ADVANCED CELL DIAGNOSTICS**

Advanced Cell Diagnostics’ RNAscope® Technology is an in situ hybridization (ISH) assay for detection of target RNA within tissue. The assay represents a major advance in RNA ISH approaches with its proprietary probe design to amplify target-specific signals but not background noise from non-specific hybridization. Unique to this technology, RNAscope® delivers quantitative, sensitive and specific molecular detection of RNA species on a cell-by-cell basis with morphological context in a single assay. This enables researchers to visualize which genes are expressed, localize where they are expressed, and quantify the level of expression.

**AGENA BIOSCIENCE**

Agena Bioscience is dedicated to advancing the impact of genomics in healthcare and precision medicine. Our highly sensitive and cost-effective mass spectrometry-based platform, the MassARRAY® System, is used globally in fields such as cancer profiling for solid tumors and liquid biopsies, inherited genetic disease testing, pharmacogenetics and clinical research. Our mission is to equip genomic and clinical testing laboratories with practical solutions that increase productivity and decrease time to results. Learn how to assess sample quality, screen samples for actionable mutations, and enable routine genetic testing in your clinical practice including low-level variants >0.1% allele frequency.

**AGILENT**

Agilent is committed to the fight against cancer. Leveraging our tremendous strength within pathology, genomics and companion diagnostics enables us to serve you, our pathology customers, with a full breadth of workflow solutions for routine diagnostics. We are a dedicated partner that can offer a broad product portfolio and the promise of exciting new technologies, with an ever-increasing ability to provide you with trusted answers that positively affect patient diagnostics and ultimately patient treatment. We are committed to meeting your lab’s needs, both today and tomorrow. It is this ability to drive innovation and implement game-changing technologies into a diagnostic setting which makes us truly unique.

**BIOCARTIS**

Biocartis aims to provide direct access to personalized medicine for patients worldwide by developing fully integrated, broadly applicable molecular diagnostics. Biocartis’ MDx Idylla™ platform is a fully automated sample-to-result, real-time Polymerase Chain Reaction system that offers accurate, highly reliable molecular information from virtually any biological sample in virtually any setting.

**HAMAMATSU PHOTONICS**

Hamamatsu Photonics is a world-leading manufacturer of optoelectronic components and systems. The Company’s corporate philosophy stresses the advancement of photonics through extensive research and yields products that are regarded as state-of-the-art. Hamamatsu has a decade of real world experience in delivering sophisticated whole slide imaging (WSI) solutions across the globe. Our NanoZoomer slide scanners are designed to meet your digital pathology requirements for archiving, second opinions or automated analysis.

**HETEROGENIUS**

HeteroGenius specialises in bespoke and off the shelf software solutions in Digital Pathology with a focus on pre-clinical image analysis and workflow. HeteroGenius Medical Image Manager (HG-MIM http://www.medicalimagemanager.com) is a modular web-based platform for image analysis and management with add-ons and functionality available for 3D Pathology from serial sections, Multi-stain alignment, Combined Histopathology: Radiology analysis, Stereology, Automatic quantification and tissue identification (e.g. IHC, Collagen etc.). Quantification based on appearance (Deep Learning based), Cell counting, Colour normalisation of slides etc. The focus of the company is working with the client to solve problems, rather than selling off the shelf solutions. Come and see us for a chat.

**CIRDAN**

Global medical devices company, Cirdan designs, manufactures and supplies innovative software and imaging solutions for the acceleration and enhancement of diagnosis. Our systems are optimised for pathology and for clinical laboratory usage. Core products include PathLite Compact + VividPath PACS, a purpose-built system designed specifically for gross imaging within clinical laboratories. Another key product is Ultra LIS, our versatile laboratory information system. With a growing customer base in the NHS and worldwide, Ultra LIS streamlines laboratory operations. Multi-discipline, multi-facility, with proven high volume throughput, Ultra LIS provides an unparalleled level of integration, scalability and customisation.
LIFE TECHNOLOGIES / THERMO FISCHER SCIENTIFIC
Thermo Fisher Scientific is the world leader in serving science. Our mission is to enable our customers to make the world healthier, cleaner and safer. We support cancer researchers with innovative technologies and service through our Thermo Scientific, Applied Biosystems, Invitrogen, Gibco and Ion Torrent brands.

PATHOLOGY GROUP
Pathology Group are an award winning specialist supplier to Hospitals in the UK and Ireland. We have substantive roles throughout the NHS, HSE and international opportunities, as well as temporary contracts at market leading rates. Our dedicated Histopathology Consultants are able to support your exact requirements. Whether it is short-term, ad-hoc work for Substantive Consultants looking to supplement their income or long-term, stable locums, looking for work up to 12 months. Whether you are looking for work within a certain sub-speciality, specific type of Hospital or in a particular location in the UK, Ireland or Internationally, the Pathology Group are here to facilitate that for you.

ROYAL PHILIPS
Royal Philips (NYSE: PHG, AEX: PHIA) is a leading health technology company focused on improving people’s health and enabling better outcomes across the health continuum. From healthy living and prevention, to diagnosis, treatment and home care. Philips leverages advanced technology and deep clinical and consumer insights to deliver integrated solutions. Headquartered in the Netherlands, the company is a leader in diagnostic imaging, image-guided therapy, patient monitoring and health informatics, as well as in consumer health and home care. Philips’ health technology portfolio generated 2015 sales of €16.8 billion and employs approximately 70,000 employees with sales and services in more than 100 countries. News about Philips can be found at: www.philips.com/newscenter

ROCHE DIAGNOSTICS
Headquartered in Basel, Switzerland, Roche is a leader in research-focused healthcare with combined strengths in pharmaceuticals and diagnostics. Roche is the world’s largest biotech company, with truly differentiated medicines in oncology, immunology, infectious diseases, ophthalmology and neuroscience. Roche is also the world leader in in vitro diagnostics and tissue-based cancer diagnostics, and a frontrunner in diabetes management. Roche’s personalised healthcare strategy aims at providing medicines and diagnostics that enable tangible improvements in the health, quality of life and survival of patients. All trademarks used or mentioned in this release are protected by law.

TRADE EXHIBITION

TRADE EXHIBITION

SECTRA
Sectra is a leading global provider of imaging IT solutions that support healthcare in achieving patient-centric care. Sectra offers an Enterprise Image Management solution comprising PACS for imaging-intensive departments (radiology, pathology, cardiology, orthopaedics), VNA and Cross Enterprise Workflow solutions. For the third consecutive year in the US and the second consecutive year globally, Sectra PACS has been awarded “Best in KLAS” for highest customer satisfaction.

VH BIO LTD
VH Bio is a leading supply and distribution company for the life sciences industry within the United Kingdom and Republic of Ireland. With novel and innovative products sourced from our global partners, VH Bio is the preferred choice for solutions in Molecular Diagnostics, Cancer Research, Immunology and Cell Biology.

VISIOPHARM
Visiopharm is a leading provider of quantitative image analysis software and end-to-end Digital Pathology solutions for Hospitals, biopharmaceutical companies and research institutions with over 850 licenses around the world. Recently, Visiopharm has expanded to include ONCOTOPIX® Diagnostics, a robust solution for cancer diagnostics with CE-IVD algorithms for the breast panel, and VirtualDoubleStaining™. Visiopharm’s software is featured in over 1150 scientific publications, and is compatible with leading slide scanner manufacturers, data management software, and staining providers. We can help you from the first tiny steps of digitalization to being fully operational with End-to End digital histology in the entire facility.

WILEY
Wiley proudly publishes The Journal of Pathology and The Journal of Pathology: Clinical Research, now indexed by PubMed Central, on behalf of The Pathological Society, and Histopathology on behalf of The British Division of the International Academy of Pathology. Wiley is the leading society publisher, offering libraries and individuals 1250 online journals, thousands of books and e-books, reviews, reference works, databases, and more. For more information please visit: www.wiley.com or our online resource: onlinelibrary.wiley.com.
REGISTRATION and COFFEE

SLIDE SEMINAR CASE COMPETITION VIEWING

TRAINEES’ BREAKFAST SESSION
(Light breakfast will be provided)
Meet the Experts: Interstitial Lung
Chair: Dr C Young, University of Leeds, Leeds, UK
Dr J Sampson, Queen’s University Belfast, Belfast, UK

08.00–08.55 [S1] Interstitial Lung Disease
Prof AG Nicholson
Royal Brompton Hospital, London, UK

BAUP — COMPANION MEETING
Please refer to the detailed meeting programme on page 34

100,000 GENOMES PROJECT — COMPANION MEETING
(100,00 Genomes Project – NHS England and Genomics England)
Please refer to the detailed meeting programme on page 35

SYMPOSIUM
What’s New in Interstitial Lung Disease
Chair: Prof JR Gosney, Royal Liverpool University Hospital, Liverpool, UK
Dr P Maxwell, Queen’s University, Belfast, UK

09.00 – 12.00

SYMPOSIUM
Digital and Computational Pathology for Tissue Imaging and Analytics
Chair: Prof PW Hamilton, Philips Digital Pathology Solutions, Belfast, UK
Dr D Treanor, Leeds Teaching Hospitals NHS Trust, Leeds, UK

08.55–09.10 Computational Pathology: Converging Technologies
Prof P Hamilton
Philips Digital Pathology Solutions and Queen’s University Belfast, Belfast, UK

09.10–09.40 Sponsored by Royal Philips
Deep Learning for Pathology
Prof A Beck
Harvard Medical School and Beth Israel Deaconess Medical Center, Cambridge, USA

09.40–10.10 Sponsored by Sectra
Diagnostic Tools That Make You Smart: Defending Pathologists’ Attributes in the Age of the Machine
Dr J Molin
Chalmers University of Technology and Sectra AB, Linköping, Sweden

09.00 – 12.00 — continued

09.30–09.55 [S6] Cystic Lung Disease
Dr A Fabre
UCD School of Medicine, St Vincent’s University Hospital, Dublin, Ireland

09.55–10.20 [S7] UIP, NSIP and Their Differential Diagnoses
Prof AG Nicholson
Royal Brompton and Harefield NHS Foundation Trust, London, UK

10.20–10.40 REFRESHMENTS and TRADE EXHIBITION

10.40–11.05 Genomic Medicine in Lung Cancer
Prof D Gonzalez de Castro
Queen’s University Belfast, Belfast, UK

11.05–11.30 [S8] Immunomodulatory Therapy in Non-Small Cell Lung Cancer: A Year into Clinical Practice
Prof JR Gosney
Royal Liverpool University Hospital, Liverpool, UK

11.30–11.55 [S9] Prognostic Factors in Mesothelioma
Dr R Attanoos
Cardiff and Vale University Health Board, Cardiff, UK

08.55–11.55

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Dr D Treanor, Leeds Teaching Hospitals NHS Trust, Leeds, UK

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09.40–10.10 Sponsored by Sectra
Diagnostic Tools That Make You Smart: Defending Pathologists’ Attributes in the Age of the Machine
Dr J Molin
Chalmers University of Technology and Sectra AB, Linköping, Sweden
08.55 – 11.55 — continued

**SYMPOSIUM: Digital and Computational Pathology for Tissue Imaging and Analytics (continued)**

Dr J van der Laak; B Ehteshami Bejnordi; D Tellez Martin; P Bandi; MCA Balkenhol; P Bult; GJS Litjens  
Radboud University Medical Center, Nijmegen, Netherlands

10.40–10.55 **REFRESHMENTS and TRADE EXHIBITION**  
[Hall 1A/B, Level 1]

10.55–11.25 **Computational Pathology in Breast Cancer**  
Prof PJ van Diest  
University Medical Center, Utrecht, The Netherlands

11.25–11.55 **Sponsored by Cirdan**  
**Automated Analysis of Tissue Morphology for Diagnostics**  
Prof N Rajpoot  
University of Warwick, Coventry, UK

09.15 – 11.55

**SYMPOSIUM**  
**Undergraduate Engagement Forum**  
Chair: Dr R Byers, University of Manchester and Manchester Royal Infirmary, Manchester, UK  
Mr C Slater, University of Manchester, UK

09.15–09.30 **Introduction**

09.30–10.00 **The Undergraduate Network and How Aspiring Histopathologists Can Enhance Their CV as Undergraduates**  
Mr C Kirk  
Queen’s University Belfast, Belfast, UK

10.00–10.30 [S12] **The Application Process and Specialty Training in Histopathology**  
Dr JP Houghton  
Department of Pathology, Royal Victoria Hospital, Belfast Health and Social Care Trust, Belfast, UK

10.30–10.50 **REFRESHMENTS and TRADE EXHIBITION**  
[Hall 1A/B, Level 1]
BDIAP KRISTIN HENRY LECTURE
Chair: Prof M Leader, President, BDIAP and Beaumont Hospital, Dublin, Ireland

[S14] Pathological Subtyping of Ovarian and Endometrial Cancers: A Story of Success and Failure
Prof WG McCluggage
Belfast Health and Social Care Trust, Belfast, UK

LUNCH, TRADE EXHIBITION and POSTER VIEWING

ORAL PRESENTATIONS
Gastrointestinal: Technical Advances
Chair: Prof RM Feakins, Barts and The London Health NHS Trust, London, UK
Prof RFT McMahon, Manchester Royal Infirmary, Manchester, UK

14.00–14.15 [O1] How Robust is the Expression of CK20, CK7 and CDX2 in Diagnosing Colorectal Cancer?
P MM Davie1; A Alnabulsi2; GI Murray1
1Aberdeen Royal Infirmary, Aberdeen, UK; 2University of Aberdeen, Aberdeen, UK

14.15–14.30 [O2] Improving the Management of Early Colorectal Cancer: Assessment of Quantitative Markers to Predict the Need for Major Resection
P SF Brockmoeller1; E Toh1; S Fleming2; E Morris3; P Quirke1
1Leeds Institute for Cancer and Pathology, Leeds, UK; 2University of Leeds, Leeds, UK

P AC Huskinson; A Quyn; P Sagar; N West
St James’s University Hospital, Leeds, UK

P SO Hynes1; HG Coleman2; PJ Kelly3; S Irwin3; RF O’Neill1; RT Gray2; C Mcgready3; PD Dunne1; S McQuaid1; JA James1; M Salto-Tellez1; MB Loughrey1
1Northern Ireland Molecular Pathology Laboratory, Belfast, UK; 2Centre for Public Health, Queen’s University Belfast, Belfast, UK; 3Royal Victoria Hospital, Belfast, UK

15.00–15.25 REFRESHMENTS and TRADE EXHIBITION

P EL Clarke; NP West
University of Leeds and Leeds Teaching Hospitals NHS Trust, Leeds, UK

15.40–15.55 [O6] FOCUS4: MAMS Trial Design in Action. Early Closure of FOCUS4-D (Pan-HER 1, 2 and 3 Inhibitor Versus Placebo) in Advanced Colorectal Cancer (aCRC) Patients, with Tumours Wildtype (WT) for KRAS, NRAS, BRAF and PIK3CA
P SD Richman1; R Adams2; E Brown3; L Brown3; R Butler5; S Falk6; D Fisher7; R Kaplan1; G Middleton7; P Quirke1; L Samuel6; T Maughan11
1Leeds Institute of Cancer and Pathology, Leeds, UK; 2Cardiff University and Velindre Cancer Centre, Cardiff, UK; 3Edinburgh Cancer Centre NHS Lothian, Edinburgh, UK; 4MRC Clinical Trials Unit at UCL, London, UK; 5All Wales Genetics Laboratory, University Hospital of Wales, Cardiff, UK; 6University Hospital Bristol NHS Foundation Trust, Bristol, UK; 7University of Birmingham, Birmingham, UK; 8Aberdeen Royal Infirmary, Aberdeen, UK; 9Imperial College London, London, UK; 10Centre for Cancer Research and Cell Biology, Queen’s University Belfast, Belfast, UK; 11CRUK/MRC Oxford Institute for Radiation Oncology, University of Oxford, Oxford, UK

P SD Richman1; J Fairley2; R Butler3; ZC Deans2
1Leeds Institute of Cancer and Pathology, Leeds, UK; 2UK NEQAS for Molecular Genetics, Edinburgh, UK; 3University Hospital of Wales, Cardiff, UK

P W Fadhil1; S Susanti1; HO Ebili1; J Field2; K Stafford3; H Hadjimichael1; M Ilyas4
1School of Medicine/ University of Nottingham, Nottingham, UK; 2Nottingham University Hospitals NHS Trust, Nottingham, UK
**Symposium: Molecular Diagnostics for Histopathologists**
Chair: Dr P Bennett, HCA Healthcare and Sarah Cannon Molecular Diagnostics, London, UK
Dr J James, Queen’s University Belfast, Belfast, UK

**Subject 1**
**Tissue is the Issue: Sample and Practical Challenges in Molecular Pathology Testing**
Dr A Oniscu
Royal Infirmary of Edinburgh, Edinburgh, UK

**Subject 2**
The Impact of Tumour Assessment in Genomics
Dr D Gonzalez de Castro
Queen’s University Belfast, Belfast, UK

**Subject 3**
Transforming the Histopathology Workforce: Perspectives from the Health Education England’s Genomics Education Programme
Dr A Seller
Scientific Director, Genomics Education Programme, Health Education England, UK

**Subject 4**
Clinical Implementation of Circulating Tumour DNA Analysis by Digital Droplet PCR for NSCLC
Dr R Butler
University Hospital of Wales, Cardiff, UK

**Symposium: Undergraduate Engagement Forum**
Chair: Dr R Byers, University of Manchester and Manchester Royal Infirmary, Manchester, UK
Mr C Slater, University of Manchester, UK

**Subject 5**
Introduction
Dr R Byers
University of Manchester and Manchester Royal Infirmary, Manchester, UK

**Undergraduate Research Presentations**
14.05–14.20
[P1] How the Application of Micro-CT, for the Differentiation Between Serrated and Non-Serrated Blades, in the Infliction of Stab Wounds Varies in Different Tissue Types
Miss SA Stanley
East Midlands Forensic Pathology Unit, University of Leicester, Leicester, UK

14.20–14.35
[P2] From Serrations to Striations – An Inter-Observer Study of Tool Mark Analysis of Serrated Blade Stab Wounds in Porcine Skin
Mr TA Calderbank; SV Hainsworth; GN Rutty
Erasme Hospital, Université libre de Bruxelles, Brussels, Belgium

14.35–14.50
[P26] Impact of Molecular Screening by Next Generation Sequencing on Management of Patients with Thyroid Nodules
Miss S Bouri; M Le Mercier; L Lebrun; I Salmon; N D’Haene
Erasme Hospital, Université libre de Bruxelles, Brussels, Belgium

14.50–15.05
[P48] Assessing the Effect of Preoperative Treatment on Specimen Quality and Lymph Nodes in Advanced Rectal Cancer
Mr SJ Betterton; HM Wood; P Quirke; NP West
Leeds Institute of Cancer and Pathology, University of Leeds, Leeds, UK

15.05–15.20
[P51] The Degree and Number of Lymph Nodes with Tumour Regression Predicts Survival in Patients with Oesophageal Cancer Treated with Pre-Operative Chemoradiotherapy
Mr W Koemans; R Larue; L Heij; R Riedl; M Sosef; HI Grabsch
Department of Pathology, Maastricht University Medical Center, Maastricht, Netherlands; Department of Radiotherapy, MAASTRO clinic, Maastricht, Netherlands; Department of Pathology, Zuyderland Medical Center, Heerlen, Netherlands; Department of Surgery, Zuyderland Medical Center, Heerlen, Netherlands

15.20–15.50
REFRESHMENTS and TRADE EXHIBITION

15.50–16.05
[P52] Neo-Adjuvant Chemotherapy Improves Outcome in Patients with Oesophageal Mucinous Adenocarcinoma
Miss LN Spaans; Y Saito; N Davarazani; D Cunningham; W Allum; RE Langley; EC Smyth; HI Grabsch
GROW School for Oncology and Developmental Biology, Maastricht University Medical, Maastricht, Netherlands; Dept of Thoracic Surgery, Saitama Cardiovascular and Respiratory Center, Saitama, Japan; Department of Gastrointestinal Oncology and Lymphoma, Royal Marsden Hospital, London, UK; Medical Research Council Clinical Trials Unit at UCL, London, UK; Section of Pathology and Tumor Biology, Leeds Institute of Cancer and Pathology, University of Leeds, Leeds, UK
SYMPOSIUM: Undergraduate Engagement Forum (continued)

16.05–16.20 [P49]  Intraoperative Colon Cancer Fluorescence Using 5-Aminolevulinic Acid: A Quantitative Histopathological Analysis of Fluorescent and Non-Fluorescent Tumours

Mr MA Goldsworthy¹; E Tinkler-Hundal¹; TI Maisey¹; N Corrigan¹; NP West¹; G Gossedge¹; H Andrew¹; GW Taylor¹; DG Jayne¹
¹Leeds Institute of Biomedical and Clinical Sciences, Leeds, UK; ²Leeds Institute of Cancer and Pathology, Leeds, UK; ³Leeds Institute of Clinical Trials Research, Leeds, UK

16.20–16.35 [P56]  Epithelial Cytoplasmic HMGB1, Epithelial Nuclear RUNX3 and Dynamic Stromal Lymphocytic Phenotype are Associated with Oesophageal Neoplastic Progression

Mr RJ Porter¹; DP Brice¹; GI Murray¹; RD Petty²; MH McLean¹
¹University of Aberdeen, Aberdeen, UK; ²University of Dundee, Dundee, UK

16.35–16.50 [P100]  Multispectral Immunofluorescence for Simultaneous Analysis of Multiple Tumour Infiltrating Lymphoid Cells Demonstrate Positive Prognostic Significance of T-cells and FOXP3 T-Regulatory Cells

Miss P Sheppard; AM Tsakiroglou; M Fergie; C West; S Astley; K Linton; R Byers;
University of Manchester, Manchester, UK

UNDERGRADUATE RESEARCH AWARD PRESENTATIONS

16.15–16.55 [S15]  Omental, Peritoneal and Ovarian Biopsies

Dr CB Gilks
Vancouver General Hospital and University of British Columbia, Vancouver, Canada

17.00 – 18.00

PUBLIC LECTURE
Chair: Prof M Salto-Tellez, Queen’s University Belfast, Belfast, UK

From Nora Barnacle to Barack Obama: A Personalised Journey Through Precision Medicine
Prof M Lawler
Queen’s University Belfast and Chair in Translational Cancer Genomics, Belfast, UK

18.30 – 20.15

WELCOME RECEPTION AND TOURS
Co-Hosted by Belfast City Council

18.30–19.00  Belfast City Hall Tours #1
18.45–19.15  Belfast City Hall Tours #2
Places on both tours are limited.

19.00–20.15  Welcome Reception
08.55 – 16.50 COMPANION MEETING Hall 1D, Level 1

BRITISH ASSOCIATION OF UROLOGICAL PATHOLOGISTS (BAUP)
Chair: Dr L Browning, John Radcliffe Hospital, Oxford, UK
Dr C Verrill, Oxford University, Oxford, UK

08.55–09.00 Welcome
Prof S Fleming, Chairman, BAUP

09.00–10.00 An Update on TNM8 (2017)
Prof M Amin, Memphis, USA

10.00–10.20 refreshments and trade exhibition [Hall 1A / B, Level 1]

10.20–11.20 EQA Circulation
Dr N Mayer, Cork, Ireland
Dr J Oxley, Bristol, UK
Dr J Dormer, Leicester, UK

11.20–11.50 AGM

12.00–13.00 BDIAP Kristin Henry Lecture — See page 28 for more details

13.00–13.30 Lunch, Poster Viewing and Trade Exhibition [Hall 1A / B, Level 1]

13.30–14.30 Ancilliary Testing for Bladder Carcinoma on Voided Urine and Instrumented Specimens
Prof L Bubendorf, Basel, Switzerland

FOR: Prof M Amin, Memphis, USA
AGAINST: Dr M Varma, Cardiff, UK

15.30–15.50 Refreshments and Trade Exhibition [Hall 1A / B, Level 1]

15.50–16.50 Towards Precision Diagnostics in Urologic Pathology — An Integrated Clinical, Morphological and Molecular Approach
Prof M Amin, Memphis, USA

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09.00 – 11.55 COMPANION MEETING Room 2A, Level 3

100,000 GENOMES PROJECT
NHS England and Genomics England

Hear about the work behind the scenes of the 100,000 Genomes Project
▶ the experimental work
▶ mapping to clinical utility
▶ quality assurance
and participate in the panel discussion with NHS England and Genomics England.

09.00–09.15 Welcome and Introduction — Scope Opportunities in the 100,000 Genomes Project
Prof L Jones

09.15–09.45 Inclusion of Biopsies: Practicalities and Clinical Utility
Dr A Rendall

09.45–10.15 Sample Eligibility: Balancing Clinical Need and Science
Dr C Craig

10.15–10.30 refreshments and trade exhibition [Hall 1A / B, Level 1]

10.30–11.00 Tumour Assessment: Training and EQA
Dr S Deans

11.00–11.30 Experimental Phase in the 100,000 Genomes Project
Prof L Jones

11.30–11.55 Panel Q&A Session
### Oral Presentations

**Cardiovascular/Pulmonary; Cellular/Molecular; Haematopathology; Experimental Tumour Pathology; Neuropathology/Ophthalmic; Osteoarticular/Soft Tissue Skin**

Chair: Dr L Browning, Department of Cellular Pathology, Oxford University Hospitals NHS Foundation Trust, Oxford, UK

Prof EJ Soilleux, Cambridge University, Oxford, UK

#### 09.00–09.15

**[O09]** Sudden Unexplained Death in Alcohol Misuse Patients have Different Characteristics to Those Who Died from Sudden Arrhythmic Death Syndrome

P T Sorkin\(^1\); MN Sheppard\(^2\)

\(^1\)St Thomas’ Hospital, London, UK; \(^2\)St George’s University, London, UK

#### 09.15–09.30

**[O10]** With a Heavy Heart: Sudden Cardiac Death in Hypertensive Heart Disease

P JD Westaby; CJ Miles; A Nadarajasundaram; MN Sheppard

St George’s University of London, London, UK

#### 09.30–09.45

**[O11]** The Effects of Cold Ischaemia on Tumour Morphology and DNA Quality for Whole Genome Sequencing: A Systematic Comparative Study of a Series of Renal Tumours in a Single Institution

P L Browning\(^1\); M Cabes\(^2\); ISD Roberts\(^1\); A Rendek\(^1\); E Collantes\(^1\); M McCole\(^1\); RT Colling\(^1\); R Pell\(^4\); S Henderson\(^2\); A Schuh\(^1\); C Verrill\(^6\)

\(^1\)Department of Cellular Pathology, Oxford University Hospitals NHS Foundation Trust, Oxford, UK; \(^2\)Oxford Molecular Diagnostics Centre, Oxford University Hospitals NHS Foundation Trust, Oxford, UK; \(^3\)Oxford Molecular Diagnostics Centre, Oxford University Hospitals NHS Foundation Trust & Dept of Oncology, University of Oxford, Oxford, UK; \(^4\)Department of Cellular Pathology, Royal Berkshire Hospital NHS Foundation Trust, Reading, UK; \(^5\)Oxford Molecular Diagnostics Centre, Oxford University Hospitals NHS Foundation Trust & Dept of Oncology, University of Oxford, Oxford, UK; \(^6\)Nuffield Department of Surgical Sciences, University of Oxford, Oxford, UK

This abstract has been withdrawn

#### 09.45–10.30

**REFRESHMENTS and TRADE EXHIBITION** [Hall 1A/B, Level 1]
**ORAL PRESENTATIONS (continued)**

**09.30–10.45**

**[O13]** *A Genomic Classification Model Enables Risk Stratification of Paediatric Endemic Burkitt Lymphoma in Malawi*

P Zhou1; A Enshaei1; AM Newman1; K Banda2; G Chagaluka2; I Lampert3; S Van Noorden4; A Erhorn1; A Barnard1; R Crossland1; S Wilkinson1; S Nakjang1; K Wood2; D Televantou3; S Bomken1; P Carey6; P CM Bacon1; S Bailey4; E Molyneux7; V Rand1

1Newcastle University, Newcastle upon Tyne, UK; 2College of Medicine, Blantyre, Malawi; 3West Middlesex University Hospital, Isleworth, UK; 4Imperial College London, London, UK; 5Newcastle upon Tyne Hospitals, Newcastle upon Tyne, UK

**10.45–11.00**

**[O14]** *shRNA Mediated PPARalpha Knockdown in Glioma Stem Cells Reduces In Vitro Proliferation and Decreases Tumourgenicity in an Orthotopic Nude Mouse Xenograft Model*

P HR Haynes1; H Scott1; G Shaw2; T Brend; CL Killick-Cole1; H Bulstrode3; K Hares1; J Redondo1; KC Kemp1; WG Singleton1; SC Short2; J Uney1; A Wilkins1; KM Kurian1

1University of Bristol, Bristol, UK; 2University of Leeds, Leeds, UK; 3University of Cambridge, Cambridge, UK

**11.00–11.15**

**[O15]** *Inflammatory Cell Infiltrates in Advanced Metastatic Uveal Melanoma*

P Y Krishna1; C McCarthy2; H Kalirai3; SE Coupland1

1Royal Liverpool University Hospital, Liverpool, UK; 2University of Liverpool, Liverpool, UK

**11.15–11.30**

**[O16]** *Novel Molecular Events in Phosphaturic Mesenchymal Tumour*

P WJ Anderson1; P Lombard2; A Meecham2; L Cottone2; C Steele2; C Thom2; H Ye2; F Amary3; R Tirabosco3; S Behjati3; AM Flanagan1; N Pillay1

1Royal National Orthopaedic Hospital, London, UK; 2UCL Cancer Institute, London, UK; 3Sanger Institute, Hinxton, UK

**REFRESHMENTS and TRADE EXHIBITION** [Hall 1A/B, Level 1]

**10.20–10.35**

**[S22]** *Cutaneous Vascular Tumours: An Update*

Dr JE Calonje
St John’s Institute of Dermatology, London, UK

**10.40–10.40**

**[S23]** *Myxoid Tumors of the Skin*

Dr AS Stenzinger
University Hospital Heidelberg / Institute of Pathology, Heidelberg, Germany

**11.15–11.30**

**[S24]** *Update on the Clinic-Pathological and Molecular Diagnosis of Melanocytic Lesions*

Dr A de la Fouchardiere
Centre Leon Berard, Lyon, France
**Detailed Programme Wednesday 21 June 2017**

### 09.00 – 11.55 — continued

**Symposium: NGS for Tissue Pathologists** (continued)

- **10.10–10.40**
  - **[S27] Genomes for Medicine: 100,000 Genomes Project and CRUK SMP2**
  - Dr MT Ross
  - Illumina Cambridge, Saffron Walden, UK

- **10.40–10.55**
  - **Refreshments and Trade Exhibition** [Hall 1A/B, Level 1]

- **10.55–11.25**
  - **Using NGS in Circulating Tumour DNA**
  - Dr T Forshew
  - Invivata (Cambridge) and UCL Honorary Lecturer, Cambridge and London, UK

- **11.25–11.55**
  - **Intro-Tumour Heterogeneity and Genomic Evolution in Cancer**
  - Dr M Gerlinger
  - The Institute of Cancer Research, London, UK

### 12.00 – 12.45

**Hall 1D, Level 1**

**The Pathological Society of Great Britain & Ireland CL Oakley Lecture**

- Chair: Dr RJ Byers, General Secretary, The Pathological Society;
  - University of Manchester and Manchester Royal Infirmary,
  - Manchester, UK

- **[S28] Improving Outcomes in Colorectal Cancer: The Importance of Rigorous Pathological Quality Control**
  - Dr NP West
  - St James’s University Hospital, Leeds, UK

### 12.45 – 14.00

**Hall 1A/B, Level 1**

**Lunch, Trade Exhibition and Poster Viewing**

### 13.15 – 13.55

**Room 1A, Level 3**

**Cirdan Imaging — Lunchtime Lecture**

- Separate lunch will be provided

- **Why the Industry is Swinging Back to ‘Best of Breed’ Laboratory Information Systems**
  - Dr H Cormican
  - CEO, Cirdan Imaging, UK

### 14.00 – 17.00

**Hall 1D, Level 1**

**Symposium Hepatobiliary**

- Chair: Prof SG Hubscher, University of Birmingham / Queen Elizabeth Hospital, Birmingham, UK
  - Dr P Kelly, Belfast Health and Care Trust, Belfast, UK

- **14.00–14.05**
  - **Introduction**
  - Prof SG Hubscher
  - University of Birmingham / Queen Elizabeth Hospital, Birmingham, UK

- **14.05–14.35**
  - **Update on Fatty Liver Disease**
  - Prof R Goldin
  - Imperial College / St Mary’s Hospital, London, UK

- **14.35–15.05**
  - **[S29] Update on Autoimmune Biliary Disease**
  - Prof SG Hubscher
  - University of Birmingham / Queen Elizabeth Hospital, Birmingham, UK

- **15.05–15.35**
  - **Update on Cholangiocarcinoma**
  - Dr J Wyatt
  - Leeds Teaching Hospitals NHS Trust, Leeds, UK

- **15.35–16.00**
  - **Refreshments and Trade Exhibition** [Hall 1A/B, Level 1]

- **16.00–16.30**
  - **Pitfalls in Pancreatic Pathology**
  - Prof F Campbell
  - Royal Liverpool University Hospital, Liverpool, UK

- **16.30–17.00**
  - **[S30] Pathology of Non-Neoplastic Pancreatic Diseases**
  - Prof CS Verbeke
  - Oslo University Hospital, Oslo, Norway

**Symposium Head and Neck**

- Chair: Prof TR Helliwell, Royal Liverpool University Hospital, Liverpool, UK
  - Dr S Napier, Belfast Health and Care Trust, Belfast, UK

- **14.00–14.20**
  - **[S31] HPV-Associated Head and Neck Cancers: An Update**
  - Prof TR Helliwell
  - Royal Liverpool University Hospital, Liverpool, UK

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[Refer to www.path.org.uk for abstracts](http://www.path.org.uk)
14.00 – 17.00 — continued  Room 3A, Level 3

SYMPOSIUM: Head and Neck  (continued)

14.20–15.00  [S32] Evolving Evidence from Clinical Trials and Personalised Therapy for Patients with Head and Neck Cancer  
Prof KJ Harrington  
The Institute of Cancer Research, London, UK

15.00–15.30  Thinking Outside the Mouth: Diagnostic Challenges of Systemic Disease Presenting in the Oral Cavity  
Dr M Toner  
St James’s Hospital, Dublin, Ireland

15.30–16.00  REFRESHERMENTS and TRADE EXHIBITION  [Hall 1A/B, Level 1]

16.00–16.30  [S33] Sentinel Nodes in Oral and Head and Neck Cancers: The Surgeon’s Perspective  
Ms CE Schilling  
St George’s Hospital, London, UK

16.30–17.00  Sentinel Node Biopsy and the Head and Neck Pathologist: Pearls and Pitfalls  
Dr S Thavaraj  
King’s College London/Guy’s and St Thomas’ NHS Foundation Trust, London, UK

14.00 – 17.00  Room 3B, Level 3

SYMPOSIUM  Haematopathology  
Chair: Dr S Dojcinov, University Hospital of Wales, Cardiff, UK  
Dr L Venkatraman, Belfast Health and Care Trust, Belfast, UK

14.05–14.25  [S34] EBV Quantitation in Health and Disease  
® Dr SA Feeney; T Curran; AP Watt; C Cox; C McCaughey  
Regional Virus Lab, Royal Victoria Hospital, Belfast, UK

14.25–15.05  Inflammatory Bowel Disease and EBV-Related LPD in GIT  
Prof H van Krieken  
Radboud University, Radboud, The Netherlands

15.05–15.35  Refractory Coeliac Disease  
Dr J Woodward  
Anglian Nutrition Network, Addenbrookes Hospital, Cambridge, UK

15.35–16.00  REFRESHERMENTS and TRADE EXHIBITION  [Hall 1A/B, Level 1]
ORAL PRESENTATIONS (continued)

15.00–15.15 [O21] Elevated Expression of STK3 mRNA and Protein is Associated with Poor Outcome in Invasive Breast Cancer
S Ojiegbe, 1; C Joseph 1; E Provenzano, 2; C Caldas 3; C Nolan 1; AR Green 1; E Rakha 4; IO Ellis 5; P A Mukherjee 6
1 Department of Histopathology, School of Medicine, University of Nottingham, Nottingham, UK; 2 Addenbrooke’s Hospital, Cambridge University Hospital NHS Foundation Trust, Cambridge, UK; 3 CRUK Cambridge Research Institute, Addenbrooke’s Hospital, Cambridge, UK; 4 Department of Histopathology, Nottingham University Hospitals NHS Trust, Nottingham, UK

15.15–15.45 REFRESHMENTS and TRADE EXHIBITION [Hall 1A/1B, Level 1]

S Ojiegbe 1; C Joseph 1; E Provenzano 2; C Caldas 3; C Nolan 1; AR Green 1; E Rakha 4; IO Ellis 5; P A Mukherjee 6
1 Department of Histopathology, School of Medicine, University of Nottingham, Nottingham, UK; 2 Addenbrooke’s Hospital, Cambridge University Hospital NHS Foundation Trust, Cambridge, UK; 3 CRUK Cambridge Research Institute, Addenbrooke’s Hospital, Cambridge, UK; 4 Department of Histopathology, Nottingham University Hospitals NHS Trust, Nottingham, UK

16.00–16.15 [O23] The Heterogeneity of Tumour Infiltrating Lymphocytes and its Effect on Patient Outcome
© M Althobiti; MA Aleskandarany; AR Green; C Joseph; M Diez Rodriguez; CC Nolan; IO Ellis; EA Rakha
University of Nottingham, Nottingham, UK

16.15–16.30 [O24] Loss of MED23 Leads to Poor Prognosis in Invasive Breast Cancer
TA Aliyeva 1; C Joseph 1; E Provenzano 2; R Russell 3; C Caldas 4; S Sonbul 1; C Nolan 1; AR Green 1; EA Rakha 4; IO Ellis 5; P A Mukherjee 6
1 Department of Histopathology, School of Medicine, University of Nottingham, Nottingham, UK; 2 Addenbrooke’s Hospital, Cambridge University Hospital NHS Foundation Trust, Cambridge, UK; 3 CRUK Cambridge Research Institute, Cambridge, UK; 4 CRUK Cambridge Research Institute, Addenbrooke’s Hospital, Cambridge, UK; 5 Department of Histopathology, Nottingham University Hospitals NHS Trust, Nottingham, UK

© C Joseph 1; M Craze 1; C Nolan 1; M Diez-Rodriguez 1; AR Green 1; E Rakha 4; IO Ellis 5; A Mukherjee 6
1 Department of Histopathology, School of Medicine, University of Nottingham, Nottingham, UK; 2 Department of Histopathology, Nottingham University Hospitals NHS Trust, Nottingham, UK

14.00 – 17.00 Room 1B, Level 3

SYMPOSIUM
Journal of Pathology ARI: Genetics of Disease
Chair: Prof CS Herrington, Editor in Chief, Journal of Pathology; University of Edinburgh, Edinburgh, UK
Prof W Foulkes, McGill University, Montreal, Canada

14.00–14.30 The Molecular Underpinnings of Prostate Cancer: Impacts on Management and Pathology Practice
Dr D Nava Rodrigues
Institute of Cancer Research, Surrey, UK

Dr DN Church
Oxford Centre for Cancer Gene Research, Wellcome Trust Centre for Human Genetics, University of Oxford, Oxford, UK

15.00–15.30 The Pathological Consequences of Impaired Genome Integrity in Humans: Disorders of the DNA Replication Machinery
Prof M O’Driscoll
Human DNA Damage Response Disorders Group, Genome Damage and Stability Centre, University of Sussex, Brighton, UK

15.30–16.00 REFRESHMENTS and TRADE EXHIBITION [Hall 1A/1B, Level 1]

16.00–16.30 [S36] The Genetics and Pathology of Mitochondrial Disease
© Dr MR Rocha; CL Alston; NZ Lax; DM Turnbull; RW Taylor
Wellcome Trust Centre for Mitochondrial Research, Newcastle upon Tyne, UK

16.30–17.00 [S37] Molecular Mechanisms in Atopic Eczema: Insight Gained from Genetic Studies
Prof SJ Brown
Ninewells Hospital and Medical School, Dundee, Dundee, UK

Refer to www.path.org.uk for abstracts
## POSTER VIEWING and CHAIRMAN’S ROUNDS

**Hall 1D, Level 1**

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<th>GROUP – CATEGORY</th>
<th>POSTER NUMBER</th>
<th>CHAIR</th>
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<td>1 – Autopsy/Forensic Cardiovascular/Pulmonary</td>
<td>P1–5, P6–11</td>
<td>Dr A Dorman, Belfast; Dr S Hynes, Galway</td>
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<td>2 – Breast</td>
<td>P12–25</td>
<td>Dr C Boyd, Antrim; Dr C Quinn, Dublin</td>
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<td>3 – Cellular/Molecular Pathology Experimental Tumour Pathology Technical Advances</td>
<td>P26, P28–35, P36, P38–39</td>
<td>Prof MJ Arends, Edinburgh; Dr P Maxwell, Belfast</td>
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<td>4 – Education and Audit</td>
<td>P40–47, P120</td>
<td>Dr L Browning, Oxford; Prof EJ Soilleux, Oxford</td>
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<td>5 – Gastrointestinal &amp; Hepatobiliary/Pancreas</td>
<td>P51–56, P58, P62, P65, P67–68, P70–74</td>
<td>Dr P Kelly, Belfast; Dr C Verbeke, Oslo, Norway</td>
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<td>6 – Gastrointestinal &amp; Endocrine</td>
<td>P48–50, P57, P59–61, P63–64, P66, P110</td>
<td>Dr M Loughrey, Belfast; Prof K Sheahan, Dublin</td>
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<td>7 – Genitourinary Renal</td>
<td>P75–88, P89–91</td>
<td>Prof D Berney, London; Dr B Loftus, Dublin</td>
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<td>8 – Gynaecological</td>
<td>P92–99</td>
<td>Prof CS Herrington, Edinburgh; Dr N Singh, London</td>
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<td>9 – Haematopathology Osteoarticular/Soft Tissue</td>
<td>P100–102, P104–109</td>
<td>Dr S Dojcinov, Cardiff; Dr L Venkatraman, Belfast</td>
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<tr>
<td>10 – Endocrine Head and Neck Neuropathology/Ophthalmic Skin</td>
<td>P111, P112–114, P119, P115–118</td>
<td>Dr E Calonje, London; Dr S Napier, Belfast</td>
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Posters: P27, P37, P69 and P103 have been withdrawn

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## ACADEMIA AND INDUSTRY COLLABORATION FOR DIGITAL PATHOLOGY (AIDPATH)

**Room 2A, Level 3**

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<th>COMPANION MEETING</th>
<th>Wednesday 21 June 2017</th>
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<td><strong>ACADEMIA AND INDUSTRY COLLABORATION FOR DIGITAL PATHOLOGY (AIDPATH)</strong></td>
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<tr>
<td><strong>Digital Pathology: Cancer Microenvironment Image Analytics</strong></td>
<td>Chair: Prof M Ilyas and Prof G Bueno</td>
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<tr>
<td><strong>09.00–09.05 Welcome</strong></td>
<td>Prof M Ilyas</td>
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<td><strong>University of Nottingham, Nottingham, UK</strong></td>
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<tr>
<td><strong>09.05–09.25 AIDPATH Project</strong></td>
<td>Prof G Bueno</td>
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<td><strong>VISILAB and University of Castilla-La Mancha, Spain</strong></td>
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<tr>
<td><strong>09.25–09.45 A Novel Method for Segmentation of Tumour Epithelium in Colorectal Cancer</strong></td>
<td>Dr M Abdelsemea</td>
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<td><strong>10.15–10.45 refreshments</strong></td>
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<td><strong>Hall 1A / B, Level 1</strong></td>
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<td><strong>10.45–11.15 Automated Identification of Tumour Proliferation on Ki67 Immunohistochemical Images Using Deep Learning Approach</strong></td>
<td>Dr JJ Pushpa</td>
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<td><strong>Astrazeneca, UK</strong></td>
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<tr>
<td><strong>11.15–11.45 The Study of Drug Distribution and Tumor Heterogeneity Using Telepathology with Mass Spectrometry Imaging</strong></td>
<td>Dr A Rasmusson</td>
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<td><strong>Astrazeneca, UK</strong></td>
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<td><strong>11.45–12.15 Colour Image Processing in Digital Pathology</strong></td>
<td>Dr W Saafin and Dr G Schaefer</td>
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<td><strong>Loughborough University, UK</strong></td>
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<tr>
<td><strong>12.15–13.30 Lunch</strong></td>
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**DETAILED PROGRAMME**

**Wednesday 21 June 2017**

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<td>COMPANION MEETING [Room 2A, Level 3]</td>
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<td>08.00–18.00</td>
<td>REGISTRATION and COFFEE [Hall 1A/B, Level 1]</td>
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<td>08.30–12.00</td>
<td>SLIDE SEMINAR CASE COMPETITION VIEWING [Hall 1A/B, Level 1]</td>
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<td>09.00–16.00</td>
<td>AIDPATH (continued)</td>
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<td>13.30–14.00</td>
<td><strong>TILs Quantification by Image Analysis</strong></td>
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<td>Prof VD Mea</td>
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<td>University of Udine, Italy</td>
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<td>14.00–15.00</td>
<td><strong>Tools and Software for Digital Pathology</strong></td>
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<td>Prof G Bueno</td>
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<td>VISILAB and University of Castilla-La Mancha, Spain</td>
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<tr>
<td>15.00–15.30</td>
<td><strong>Challenges in Digital Pathology</strong></td>
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<td>Prof VD Mea</td>
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<td>University of Udine, Italy</td>
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<td>Prof G Bueno</td>
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<td>VISILAB and University of Castilla-La Mancha, Spain</td>
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<tr>
<td>15.30–16.00</td>
<td>Refreshments [Hall 1A/B, Level 1]</td>
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<td>Closed Meeting for AIDPATH Management</td>
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**Thursday 22 June 2017**

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<th>Event</th>
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<tr>
<td>09.00–09.30</td>
<td>An Update on Recent Guidelines (Diagnosis and Management of B3 Lesions, Operative and Non-Operative Breast Specimens): What’s New?</td>
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<td>Dr R Deb</td>
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<td>Royal Derby Hospital, Derby, UK</td>
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<td>09.00–09.30</td>
<td>[S38] Neoadjuvant Chemotherapy in Breast Cancer: Practical Aspects in Specimen Handling and Recent Advances</td>
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<td>Dr E Provenzano</td>
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<td>Addenbrookes Hospital, Cambridge, UK</td>
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<td>09.30–10.00</td>
<td>What Do Breast Pathologists Find Difficult? Learning From My Referral Practice</td>
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<td>Prof S Pinder</td>
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<td>King’s College London, London, UK</td>
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<td>10.00–10.20</td>
<td>REFRESHMENTS and TRADE EXHIBITION [Hall 1A/B, Level 1]</td>
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<td>10.20–10.50</td>
<td>Digital Pathology in Breast Specimen Reporting: Barriers to Implementation and How to Overcome Them. What Can We Learn from the Utrecht Experience?</td>
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<td>Dr C Vreuls</td>
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<td>University Medical Center, Utrecht, The Netherlands</td>
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<td>10.50–11.20</td>
<td>Research in Breast Cancer: Where Are We Now and What’s Next?</td>
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<td>Prof IO Ellis</td>
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<td>University of Nottingham, Nottingham, UK</td>
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<td>11.20–12.00</td>
<td>Slide Seminar</td>
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09.00 – 11.15 — continued
Room 1A, Level 3

09.15–09.30 [O27] Enterobius Vermicularis Ova are a Normal Finding in the Gastric Mucosa of Children Undergoing Endoscopy in Birmingham
P N Kirkham; I Nicklaus-Wollenteit; R Bremer
Birmingham Children’s Hospital, Birmingham, UK

09.30–09.45 [O28] Gastric Cancer with Primitive Enterocyte Phenotype: An Aggressive Subgroup of Intestinal-Type Adenocarcinoma
T Ushiku; S Yamazawa; A Shinozaki-Ushiku; M Fukayama
The University of Tokyo, Tokyo, Japan

09.45–10.00 [O29] Epstein-Barr Virus-Associated Gastric Carcinoma: The Roles of Cellular and Viral MicroRNAs in its Carcinogenesis
P A Shinozaki-Ushiku
The University of Tokyo Hospital, Tokyo, Japan

10.00–10.30 REFRESHMENTS and TRADE EXHIBITION [Hall 1A/B, Level 1]

SL Inaguma; KK Kasai; HI Ito; TT Tsunoda; HI Ikeda
Aichi Medical University, Nagakute, Japan

10.45–11.15 [S39] Macrophage Class Switching and Targeting of Tumour Immunology in Lung Cancer
E Aldujaily1; T Kamata1; C Pritchard1; Dr J Le Quesne2
1University of Leicester, Leicester, UK; 2MRC Toxicology Unit, Leicester, UK

11.15–11.50 Digital Pathology and Cancer Immunology Testing
Prof M Salto-Tellez
Queen’s University Belfast, Belfast, UK

09.00 – 11.50 Room 3B, Level 3

SYMPOSIUM
Sponsored by Advanced Cell Diagnostics
Cancer Immunology for TPs
Chair: Prof M Salto-Tellez, Queen’s University Belfast, Belfast, UK
Prof G Thomas, University of Southampton, Southampton, UK

09.00–09.10 Welcome and Introduction
Prof G Thomas
University of Southampton, Southampton, UK

09.10–09.45 Cancer Immunology and Cancer Stroma
Prof G Thomas
University of Southampton, Southampton, UK

09.45–10.20 Deciphering the Tumour Ecosystem Using Machine Learning for Pathology
Dr Y Yuan
Institute of Cancer Research, London, UK

10.20–10.40 REFRESHMENTS and TRADE EXHIBITION [Hall 1A/B, Level 1]

10.40–11.15 [S39] Macrophage Class Switching and Targeting of Tumour Immunology in Lung Cancer
E Aldujaily1; T Kamata1; C Pritchard1; Dr J Le Quesne2
1University of Leicester, Leicester, UK; 2MRC Toxicology Unit, Leicester, UK

11.15–11.50 Digital Pathology and Cancer Immunology Testing
Prof M Salto-Tellez
Queen’s University Belfast, Belfast, UK

ORAL PRESENTATIONS
Technical Advances; Gastrointestinal; Cellular/Molecular Pathology
Chair: Prof HI Grabsch, University of Maastricht, Maastricht, The Netherlands
Prof MJ Arends, CRUK Edinburgh Centre, University of Edinburgh, Edinburgh, UK

09.00–09.15 [O26] The Importance of Resting CD8+ T Cells and Proliferating Tumour Cells in Gastric Cancer
K Nekolla1; M Yigitsoy1; S Earle2; A Meier3; N Harder4; M Hale4;
A Zuraw5; T Yoshikawa6; G Schmidt7; R Huss1; H Grabsch4
1Definiens AG, Munich, Germany; 2Pathology and Tumour Biology, Leeds Institute of Cancer and Pathology, University of Leeds, Leeds, UK; 3Department of Gastrointestinal Surgery, Kanagawa Cancer Center, Yokohama, Japan; 4Department of Pathology, GROW-School for Oncology and Developmental Biology, Maastricht University Medical Center, Maastricht, Netherlands

09.00 – 11.15 Room 1A, Level 3

09.00–09.15 [O26] The Importance of Resting CD8+ T Cells and Proliferating Tumour Cells in Gastric Cancer
K Nekolla1; M Yigitsoy1; S Earle2; A Meier3; N Harder4; M Hale4;
A Zuraw5; T Yoshikawa6; G Schmidt7; R Huss1; H Grabsch4
1Definiens AG, Munich, Germany; 2Pathology and Tumour Biology, Leeds Institute of Cancer and Pathology, University of Leeds, Leeds, UK; 3Department of Gastrointestinal Surgery, Kanagawa Cancer Center, Yokohama, Japan; 4Department of Pathology, GROW-School for Oncology and Developmental Biology, Maastricht University Medical Center, Maastricht, Netherlands
08.30 – 13.00  Room 1B, Level 3

SYMPOSIUM
Renal Pathology
Chair: Dr D O'Rourke, Belfast City Hospital, Belfast, UK
    Prof ISD Roberts, John Radcliffe Hospital, Oxford, UK

08.30–10.00  I Learned Something New From That Case
— Six Presentations of Educational Renal Biopsies

08.30–08.45  Case 1
Dr M Soares
Oxford University Hospitals NHS Foundation Trust, Oxford, UK

08.45–09.00  Case 2
Dr S Coley
University of Glasgow, Glasgow, UK

09.00–09.15  Case 3
Dr K Skordilis
University Hospital, Birmingham, UK

09.15–09.30  Case 4
Dr T Dorman
Beaumont Hospital, Dublin, Ireland

09.30–09.45  Case 5
Dr B Doyle
Beaumont Hospital, Dublin, Ireland

09.45–10.00  Case 6
Dr D O'Rourke
Belfast City Hospital, Belfast, UK

10.00–10.30  Banff 2017 Report
Dr C Roufosse
Imperial College, London, UK

10.30–11.00  REFRESHERMENTS and TRADE EXHIBITION  [Hall 1A/B, Level 1]

11.00–11.30  2016 Update of Lupus Nephritis Classification
Dr I Bajema
Leiden University Medical Center, Leiden, The Netherlands

11.30–11.45  RCPath / Renal Registry Issues
Prof M Sheaff
Barts and The London Health NHS Trust, London, UK

11.45–12.30  Renal Pathology EQA
Prof ISD Roberts
John Radcliffe Hospital, Oxford, UK

12.30–13.00  Renal Transplant EQA
Dr D Neil
University Hospital Birmingham, Birmingham, UK

12.00 – 13.00  Room 1A, Level 3

THE PATHOLOGICAL SOCIETY OF GREAT BRITAIN & IRELAND
ANNUAL GENERAL MEETING
(Agendas will be sent to Members)

13.00 – 14.00 Hall 1A/B, Level 1

LUNCH, TRADE EXHIBITION and POSTER VIEWING

13.15 – 14.00 Room 1A, Level 3

TRAINEE’S MEET THE EXPERTS
Chair: Dr K Allen, Leeds Teaching Hospitals NHS Trust, Leeds, UK
    Dr M Clarke, Institute of Cancer Research / Royal Marsden Hospital, Surrey, UK

[S40] Placental Examination for the Generalist
Prof NJ Sebire
Great Ormond Street Hospital, London, UK

Separate lunch will be provided
DetaIled PrograMme Thursday 22 June 2017

14.00 – 16.25 Hall 1D, Level 1

pleNary oral PreSentaTIons
Chair: Prof AM Flanagan, London, UK
Prof ISD Roberts, Oxford, UK

14.00–14.15 [Pl1] Thioredoxin Interacting Protein (TXNIP) is an Independent Prognostic Factor in Breast Ductal Carcinoma In Situ
P I Miligy1; A Gaber2; M Diez Rodriguez1; CC Nolan1; AR Green1;
IO Ellis1; EA Rakha1
1University of Nottingham, Nottingham, UK; 2Faculty of Medicine, Menofia, Egypt

14.15–14.30 [Pl2] Survey of UK Pathology Consultants’ Attitudes Towards Academic and Molecular Pathology
P SF Brockmoeller1;® C Young3; JL Lee1; M Arends2; JL Jones3; M Salto-Tellez2;® G Thomas4;® KA Oien5
1University of Leeds, Leeds, UK; 2National Cancer Research Institute, London, UK; 3CRUK Edinburgh Centre, University of Edinburgh, Edinburgh, UK; 4Barts Cancer Institute, Queen Mary University of London, London, UK; 5Queen’s University Belfast, Belfast, UK

DL Lavery1;® AM Baker1; MJ Van der Wel2;® SAC McDonald1;® P Quirke2;
MR Novelli1;® M Rodriguez-Justo4;® D Treanor2;® TA Graham3;® SL Meijer2;®
NA Wright1;® M Jansen3
1Barts Cancer Institute, London, UK; 2AMC, Amsterdam, Netherlands; 3Leeds Teaching Hospitals NHS Trust, Leeds, UK; 4University College London Hospital, London, UK; 5UCL Cancer Institute, London, UK

P AMS Shavick1;® JH Hamblin1;® REB Benamore2;® ZCT Traill3;® ISR Roberts4
1Medical Sciences Division, Oxford University, Oxford, UK; 2Department of Radiology, Churchill Hospital, Oxford, UK; 3Department of Cellular Pathology, John Radcliffe Hospital, Oxford, UK

15.00–15.25 refreshments and trade exhibition [Hall 1A/8, Level 1]

P JD Westaby1;® CJ Miles1;® MN Sheppard1
St George’s University of London, London, UK

P HM Wood1;® PH Rabbitts1;® C Conway2
1University of Leeds, Leeds, UK; 2University of Ulster, Londonderry, UK

P HM Wood1;® M Taylor1;® G Hemmings1;® SD Richman1
University of Leeds, Leeds, UK

16.30 – 17.15 Hall 1D, Level 1

the pathologIcal socIety oF great BrItaIn & Ireland donIach lectUre
Chair: Prof P Quirke, President, The Pathological Society; University of Leeds, Leeds, UK

[S41] Fields of Carcinogenesis in Breast and Oesophagus
Dr JJ Going1
1Queen Elizabeth University Hospital, Glasgow, UK

19.30 – 23.00 Titanic Suite, Titanic Belfast

confereNce dINner
including Musical Entertainment
Transport will be provided
Friday 23 June 2017

REGISTRATION and COFFEE

09.00 – 16.30

ACEM — COMPANION MEETING
(Association of Clinical Electron Microscopists)
Please refer to the detailed meeting programme on page 60

09.50 – 16.30

BAC — COMPANION MEETING
(British Association for Cytopathology)
Please refer to the detailed meeting programme on page 61

09.00 – 17.00

DIE CARDIAC GROUP — COMPANION MEETING
(Dutch Irish English Cardiac Group)
Please refer to the detailed meeting programme on page 62

09.00 – 13.00

SYMPOSIUM
Digital Pathology for Clinical Diagnostics: Drivers for Change
Chair: Prof PW Hamilton, Philips Digital Pathology Solutions, Belfast, UK
Dr D Treanor, University of Leeds, Leeds, UK

09.00–09.30
RCPath Guidelines for Digital Pathology
Dr D Treanor
University of Leeds, Leeds, UK

09.30–10.15
Pathology Informatics in the USA
Dr M Tuthill
Henry Ford Health System, Detroit, USA

10.15–11.00
Going Digital in Pathology: Swedish Experience
Dr A Boden
Linköping University Hospital, Linköping, Sweden

11.00–11.15
REFRESHMENTS
(Riverside Foyer, Level 3)

11.15–12.00
Running a 100% Digital Pathology Laboratory: Challenges and Opportunities
Dr I van den Bergh
AZ Sint-Jan Av, Brugge-Ostend, Brugge, Belgium

SYMPOSIUM: Digital Pathology for Clinical Diagnostics: Drivers for Change (continued)

12.00–12.30
[S42] Digital Pathology in the NHS: Experience from a Novel Digital Pathology Training and Validation Study
Dr BJ Williams
St James University Hospital / University of Leeds, Leeds, UK

12.30–13.00
Sponsored by Royal Philips
Digital Pathology: Regulatory Consideration in a Changing World
Dr E Abels
Philips Digital Pathology Solutions, Eindhoven, The Netherlands

09.00 – 12.00

TRAINEEs’ SYMPOSIUM
Autopsy
Chair: Dr A Stevens, Queen’s University Belfast, Belfast, UK
Dr J Taylor, Belfast Health and Social Care Trust, Belfast, UK

09.00–09.40
Forensics: When To Call Them In / Refer
Prof J Crane
Queen’s University Belfast, Belfast, UK

09.40–10.20
Digital Post-Mortem
Prof ISD Roberts
John Radcliffe Hospital, Oxford, UK

10.20–10.40
REFRESHMENTS
(Riverside Foyer, Level 3)

10.40–11.20
Cardiac Post-Mortem Pathology
Prof MN Sheppard
St George’s Hospital, University of London, London, UK

11.20–12.00
[S43] The PEACE Study
® Dr M Jamal-Hanjani1; C Swanton2
1UCL Cancer Institute, London, UK; 2Francis Crick Institute, London, UK

[00] = Abstract Number  ® = Presenter  Refer to www.path.org.uk for abstracts
12.00 – 13.00  
**TRAINEE’S NETWORK LUNCH**
Riverside Foyer, Level 3

Separate lunch will be provided

13.00 – 14.00  
**LUNCH**
Riverside Foyer, Level 3

13.00 – 14.30  
**TRAINEE’S SESSION**
Room 1B, Level 3

*Slide Seminar Discussion*
Chair: Dr P Macklin, John Radcliffe Hospital, Oxford, UK
Dr S Waise, University Hospital NHS Trust, Southampton, UK

13.00–13.10  
**Case 1**  
Dr E Clarke  
Leeds Teaching Hospitals NHS Trust and University of Leeds, Leeds, UK

13.10–13.20  
**Case 2**  
Dr K Allen  
University of Leeds, Leeds, UK

13.20–13.30  
**Case 3**  
Dr A Stevens  
Belfast Health and Social Care Trust, Belfast, UK

13.30–13.40  
**Case 4**  
Dr J Taylor  
Belfast Health and Social Care Trust, Belfast, UK

13.40–13.50  
**Case 5**  
Dr R Cooper  
Southampton University Hospital, Southampton, UK

13.50–14.00  
**Case 6**  
Dr M Clarke  
Institute of Cancer Research, Royal Marsden Hospital, London, UK

14.00–14.10  
**Case Competition Winner — Trainee**  
To be announced

14.10–14.20  
**Case Competition Winner — Undergraduate**  
To be announced

14.20–14.30  
Discussion

14.30 – 14.50  
**REFRESHMENTS**  
Riverside Foyer, Level 3

14.50 – 15.30  
**TRAINEE’S LECTURE**  
Room 1B, Level 3
Chair: Dr P Macklin, John Radcliffe Hospital, Oxford, UK  
Dr S Waise, University Hospital NHS Trust, Southampton, UK

*How to Train in Molecular Pathology*
Prof M Salto-Tellez  
Queen’s University Belfast, Belfast, UK

End of Conference

COMPANION MEETINGS — programmes detailed overleaf
09.00 – 17.00 COMPANION MEETING Room 2B, Level 3

DUTCH IRISH ENGLISH (DIE) CARDIAC GROUP
Chair: Prof MN Sheppard, St George's Medical School, London, UK

09.00–09.45 Approach to the Molecular Cardiac Autopsy
Prof MN Sheppard

09.45–10.30 Sudden Cardiac Death in Ireland
Dr A Fabre

10.30–11.00 Results of Family Screening
Dr J Galvin

11.00–11.30 Refreshments [Riverside Foyer, Level 3]
Chair: Prof A van der Wal

11.30–12.00 Atheroma: Its Evolution and New Therapies
Prof M Daemen

12.00–12.30 Cardiomyopathies Overview
Dr A Vink

12.30–13.00 Phospholamban Cardiomyopathy
Prof AJH Suurmeijer

13.00–14.00 Lunch [Riverside Foyer, Level 3]
Chair: Dr A Fabre

14.00–14.45 Valve Disease in the Modern Era
Dr JL Robertus

14.45–15.30 Complications of Aortic Valve Replacement
Prof A van der Wal

15.30–16.00 Refreshments [Riverside Foyer, Level 3]

16.00–16.30 Thoracic Aortic Aneurysm and Dissection
Dr JH von der Thüsen

16.30–17.00 Interesting Challenging Cases
Dr J Westaby and Dr A Fabre

ABSTRACT REVIEWERS

Prof MJ Arends, Edinburgh
Dr EW Benbow, Manchester
Prof DM Berney, London
Dr C Boyd, Antrim
Dr T Brenn, Edinburgh
Dr L Burke, Cork
Dr SS Cross, Sheffield
Prof MQ Du, Cambridge
Prof RM Feakins, London
Prof S Fleming, Dundee
Prof AJ Freemont, Manchester
Prof CS Herrington, Edinburgh
Dr J Houghton, Belfast
Dr O Houghton, Belfast
Dr TS Jacques, London
Prof E Kay, Dublin
Prof E Rakha, Nottingham
Prof ISD Roberts, Oxford
Dr G Thomas, Southampton
Dr D Treanor, Leeds
Prof P van der Valk, Amsterdam
Dr L Venkatraman, Belfast
Prof KP West, Leicester

Dr B Loftus, Dublin
Dr M Loughrey, Belfast
Prof P Maxwell, Belfast
Dr C McGalie, Craigavon
Dr S McQuaid, Belfast
Prof GI Murray, Aberdeen
Dr S Napier, Belfast
Prof AG Nicholson, London
Dr M Osborn, London
Dr D Poller, Portsmouth
Prof E Rakha, Nottingham
Prof ISD Roberts, Oxford
Prof G Thomas, Southampton
Dr D Treanor, Leeds
Prof P van der Valk, Amsterdam
Dr L Venkatraman, Belfast
Prof KP West, Leicester
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