



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 for Abstract Listings: ▶ Invited Speakers ▶ Plenary Oral and Oral ▶ Posters

PROGRAMME ACKNOWLEDGEMENTS

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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 Belfast Waterfront

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| 07.15 ▶pg 24 [Hall 1A/B, Lv 1] Registration and Coffee | | |
| 08.00–18.00 ▶pg 24 [Hall 1A/B, Lv 1] Slide Seminar Case Competition Viewing | | |
| 08.00–08.55 ▶pg 24 [Rm 1A, Lv 3] Trainees' Breakfast Session: Meet the Experts – Interstitial Lung <i>Light breakfast will be provided</i> | | |
| 08.55–11.55 ▶pg 34 [Hall 1D, Lv 1] BAUP Companion Meeting | 09.00–11.55 ▶pg 24 [Rm 1A, Lv 3] Symposium: What's New in Interstitial Lung Disease | 08.55–11.55 ▶pg 25 [Rm 1B, Lv 3] Symposium: Digital and Computational Pathology for Tissue Imaging and Analytics |
| 10.00–10.20 [Hall 1A/B, Lv 1] Refreshment Break and Trade Exhibition | 10.20–10.40 [Hall 1A/B, Lv 1] Refreshment Break and Trade Exhibition | 10.40–10.55 [Hall 1A/B, Lv 1] Refreshment Break and Trade Exhibition |
| 12.00–13.00 ▶pg 28 [Hall 1D, Lv 1] BDIAP Kristin Henry Lecture: Pathological Subtyping of Ovarian and Endometrial Cancers – A Story of Success or Failure Prof WG McCluggage, Belfast | | |
| 13.00–14.00 ▶pg 28 [Hall 1A/B, Lv 1] Lunch, Trade Exhibition and Poster Viewing | | |
| 13.30–16.50 ▶pg 34 [Hall 1D, Lv 1] BAUP Companion Meeting | 14.00–16.25 ▶pg 28 [Rm 1A, Lv 3] Oral Presentations: Gastrointestinal; Technical Advances | 14.00–16.55 ▶pg 30 [Rm 1B, Lv 3] Symposium: Molecular Diagnostics for Histopathologists |
| 15.30–15.50 [Hall 1A/B, Lv 1] Refreshment Break and Trade Exhibition | 15.00–15.25 [Hall 1A/B, Lv 1] Refreshment Break and Trade Exhibition | 15.00–15.15 [Hall 1A/B, Lv 1] Refreshment Break and Trade Exhibition |
| 17.00–18.00 ▶pg 33 [Hall 1D, Lv 1] Public Lecture: From Nora Barnacle to Barack Obama – A Personalised Journey Through Precision Medicine Prof M Lawler, Belfast | | |
| 19.00–20.15 ▶pg 33 [Belfast City Hall] Welcome Reception and Tours <i>18.30–19.15 Belfast City Hall Tours (at 18.30–19.00 and 18.45–19.15) – places are limited. 19.00–20.15 Welcome Reception.</i> | | |

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| 09.00–11.55 ▶pg 35 [Rm 2A, Lv 3] 100,000 Genomes Project Companion Meeting | 09.15–11.55 ▶pg 26 [Rm 2B, Lv 3] Undergraduate Engagement Forum | 09.00–11.55 ▶pg 27 [Rm 3A/B, Lv 3] BAGP Joint Symposium: Hot Topics in Gynaecological Cancer |
| 10.15–10.30 [Hall 1A/B, Lv 1] Refreshment Break and Trade Exhibition | 10.30–10.50 [Hall 1A/B, Lv 1] Refreshment Break and Trade Exhibition | 10.30–10.55 [Hall 1A/B, Lv 1] Refreshment Break and Trade Exhibition |
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| | | |
| | 14.00–17.00 ▶pg 30 [Rm 2B, Lv 3] Undergraduate Engagement Forum | 14.00–16.55 ▶pg 32 [Rm 3A/B, Lv 3] BAGP Joint Symposium: The Perils and Pleasures of Biopsy Pathology Reporting |
| | 15.20–15.45 [Hall 1A/B, Lv 1] Refreshment Break and Trade Exhibition | 15.20–15.35 [Hall 1A/B, Lv 1] Refreshment Break and Trade Exhibition |
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| 08.00 ▶pg 36 [Hall 1A/B, Lv 1] Registration and Coffee | | |
| 08.00–18.00 ▶pg 36 [Hall 1A/B, Lv 1] Slide Seminar Case Competition Viewing | | |
| 09.00–11.55 ▶pg 36 [Hall 1D, Lv 1] Symposium: Gastrointestinal Pathology | 09.00–11.30 ▶pg 37 [Rm 1A, Lv 3] Oral Presentations Cardiovascular/Pulmonary; Cellular/Molecular; Haematopathology; Experimental Tumour Pathology; Neuropathology/Ophthalmic; Osteoarticular/Soft Tissue Skin | 09.00–11.55 ▶pg 39 [Rm 1B, Lv 3] Symposium: NGS for Tissue Pathologists |
| 10.20–10.40 [Hall 1A/B, Lv 1] Refreshment Break and Trade Exhibition | 09.45–10.30 [Hall 1A/B, Lv 1] Refreshment Break and Trade Exhibition | 10.40–10.55 [Hall 1A/B, Lv 1] Refreshment Break and Trade Exhibition |
| 12.00–12.45 ▶pg 40 [Hall 1D, Lv 1] The Pathological Society's CL Oakley Lecture: <i>Improving Outcomes in Colorectal Cancer – The Importance of Rigorous Pathological Quality Control</i> Dr NP West, Leeds | | |
| 12.45–14.00 ▶pg 40 [Hall 1A/B, Lv 1] Lunch, Trade Exhibition and Poster Viewing | | |
| 14.00–17.00 ▶pg 41 [Hall 1D, Lv 1] Symposium: Hepatobiliary | 14.00–16.45 ▶pg 43 [Rm 1A, Lv 3] Oral Presentations Breast; Gynaecological | 14.00–17.00 ▶pg 45 [Rm 1B, Lv 3] Symposium: Journal of Pathology ARI – Genetics of Disease |
| 15.35–16.00 [Hall 1A/B, Lv 1] Refreshment Break and Trade Exhibition | 15.15–15.45 [Hall 1A/B, Lv 1] Refreshment Break and Trade Exhibition | 15.30–16.00 [Hall 1A/B, Lv 1] Refreshment Break and Trade Exhibition |
| 17.00–18.30 ▶pg 46 [Hall 1A/B, Lv 1] Poster Viewing and Chairman's Rounds | | |

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| | | |
| | 09.00–11.55 ▶pg 39 [Rm 3B, Lv 3] Symposium: Dermatopathology | 09.00–16.00* ▶pg 47 [Rm 2A, Lv 3] AIDPATH Project Companion Meeting Digital Pathology: Cancer Microenvironment Image Analytics |
| | 10.20–10.35 [Hall 1A/B, Lv 1] Refreshment Break and Trade Exhibition | 10.15–10.40 [Hall 1A/B, Lv 1] Refreshment Break and Trade Exhibition |
| | | 12.15–13.30 [Hall 1A/B, Lv 1] Lunch, Trade Exhibition and Poster Viewing |
| 13.15–13.55 ▶pg 40 [Rm 1A, Lv 3] Cirdan Imaging – Lunchtime Lecture: <i>Why the Industry is Swinging Back to 'Best of Breed' Laboratory Information Systems</i> Dr H Cormican, Cirdan Imaging | | |
| 14.00–17.00 ▶pg 41 [Rm 3A, Lv 3] Symposium: Head and Neck | 14.00–17.00 ▶pg 42 [Rm 3B, Lv 3] Symposium: Haematopathology | |
| 15.30–16.00 [Hall 1A/B, Lv 1] Refreshment Break and Trade Exhibition | 15.35–16.00 [Hall 1A/B, Lv 1] Refreshment Break and Trade Exhibition | 15.30–16.00 [Hall 1A/B, Lv 1] Refreshment Break and Trade Exhibition |
| | | * 1600 onwards Closed Meeting of AIDPATH Management |
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| 07.45 ▶pg 49 [Hall 1A/B, Lv 1] Registration and Coffee | |
| 08.00–18.00 ▶pg 49 [Hall 1A/B, Lv 1] Slide Seminar Case Competition Viewing | |
| 08.30–12.00 ▶pg 49 [Hall 1D, Lv 1] Symposium: Breast | 08.30–13.00 ▶pg 52 [Rm 1B, Lv 3] Symposium: Renal Pathology <i>Including Renal Pathology EQA and Renal Transplant EQA</i> |
| 10.00–10.20 [Hall 1A/B, Lv 1] Refreshment Break and Trade Exhibition | 10.30–11.00 [Hall 1A/B, Lv 1] Refreshment Break and Trade Exhibition |
| 13.00–14.00 ▶pg 53 [Hall 1A/B, Lv 1] Lunch, Trade Exhibition and Poster Viewing | |
| 14.00–16.25 ▶pg 54 [Hall 1D, Lv 1] Plenary Oral Presentations | |
| 15.00–15.25 [Hall 1A/B, Lv 1] Refreshment Break and Trade Exhibition | |
| 16.30–17.15 ▶pg 55 [Hall 1D, Lv 1] The Pathological Society's Doniach Lecture: <i>Fields of Carcinogenesis in Breast and Oesophagus</i> Dr JJ Going, Glasgow | |
| 19.30–23.00 ▶pg 55 [Titanic Suite, Titanic Belfast] Conference Dinner including musical entertainment | |

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| 09.00–11.15 ▶pg 50 [Rm 1A, Lv 3] Oral Presentations <i>Technical Advances;</i> <i>Gastrointestinal;</i> <i>Cellular/Molecular Pathology</i> | | 09.00–11.50 ▶pg 50 [Rm 3B, Lv 3] Symposium: <i>Cancer Immunology for TPs</i> Sponsored by Advanced Cell Diagnostics |
| 10.00–10.30 [Hall 1A/B, Lv 1] Refreshment Break and Trade Exhibition | | 10.20–10.40 [Hall 1A/B, Lv 1] Refreshment Break and Trade Exhibition |
| 13.15–14.00 ▶pg 53 [Rm 1A, Lv 3] Trainees' Meet The Experts: <i>Placental Pathology for the Generalist</i> Prof NJ Sebire, London Separate lunch will be provided | 12.00–13.00 ▶pg 53 [Rm 2A, Lv 3] The Pathological Society's Annual General Meeting | |
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| 08.00 ▶pg 56 [Room to be confirmed] Registration and Coffee | |
| 09.00–12.00 ▶pg 57 [Rm 1B, Lv 3] Trainees' Symposium: <i>Autopsy</i> | 09.00–13.00 ▶pg 56 [Rm 3A/B, Lv 3] Symposium: <i>Digital Pathology for Clinical Diagnostics: Drivers for Change</i> |
| 10.20–10.40 [Room to be confirmed] Refreshment Break | 11.00–11.15 [Room to be confirmed] Refreshment Break |
| 12.00–13.00 ▶pg 58 [Room to be confirmed] Trainees' Network Lunch Separate lunch will be provided | 12.00–13.00 ▶pg 58 [Room to be confirmed] Lunch |
| 13.00–14.30 ▶pg 58 [Rm 1B, Lv 3] Trainees' Session: <i>Slide Seminar Discussion</i> | |
| 14.30–14.30 ▶pg 59 [Room to be confirmed] Refreshments | |
| 14.50–15.30 ▶pg 59 [Room to be confirmed] Trainees' Lecture: <i>How to Train in Molecular Pathology</i> Prof M Salto-Tellez, Belfast | |
| 17.00 End of Conference | |

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| 09.50–16.30 ▶pg 61 [Rm 1A, Lv 3] COMPANION MEETING British Association for Cytopathology (BAC) <i>Interventional Cytopathology</i> | | | 09.00–17.00 ▶pg 60 [Rm 2A, Lv 3] COMPANION MEETING Association of Clinical Electron Microscopists (ACEM) | | | 09.00–17.00 ▶pg 62 [Rm 2B, Lv 3] COMPANION MEETING DIE Cardiac Group Meeting | | |
| 12.00–13.00 [Room to be confirmed] Lunch | | | 12.20–13.30 [Room to be confirmed] Lunch | | | 13.00–14.00 [Room to be confirmed] Lunch | | |
| 15.00–15.30 [Room to be confirmed] Refreshment Break | | | 15.00–15.30 [Room to be confirmed] Refreshment Break | | | 15.30–16.00 [Room to be confirmed] Refreshment Break | | |
| 10.30–11.00 [Room to be confirmed] Refreshment Break | | | 11.00–11.30 [Room to be confirmed] Refreshment Break | | | | | |

COMPANION MEETINGS AND SATELLITE SESSIONS

Tuesday 20 June

- 09.00–11.55 [Room 2A – Level 3]
100,000 Genomes Project
- 09.00–16.55 [Room 3A – Level 3]
Joint Symposium with BAGP
(British Association of Gynaecological Pathologists)
- 09.00–16.50 [Hall 1D – Level 1]
BAUP (British Association of Urological Pathologists)

Wednesday 21 June

- 09.00–17.00 [Room 2A – Level 3]
The AIDPATH Project — *Digital Pathology: Cancer Microenvironmental Image Analytics*

Thursday 22 June

- 08.30–13.00 [Room 1B – Level 3]
Renal Pathology EQA and Renal Transplant EQA

Friday 23 June

- 09.00–17.00 [Room 2A – Level 3]
ACEM (Association of Clinical Electron Microscopists)
- 09.00–16.30 [Room 1A – Level 3]
BAC (British Association for Cytopathology)
- 09.00–17.00 [Room 2B – Level 3]
DIE Cardiac Pathology Group

KEYNOTE AND NAMED LECTURES [Hall 1D – Level 1]

Tuesday 20 June

- 12.00–13.00 **Kristin Henry Lecture:** *Pathological Subtyping of Ovarian and Endometrial Cancers – A Story of Success or Failure?*
Prof WG McCluggage, Belfast
- 17.00–17.50 **Public Lecture:** *From Nora Barnacle to Barack Obama – A Personalised Journey Through Precision Medicine.*
Prof M Lawler, Belfast

Wednesday 21 June

- 12.00–12.45 **CL Oakley Lecture:** *Improving Outcomes in Colorectal Cancer – The Importance of Rigorous Pathological Quality Control.*
Dr NP West, Leeds

Thursday 22 June

- 16.30–17.15 **Doniach Lecture:** *Fields of Carcinogenesis in Breast and Oesophagus.*
Dr JJ Going, Glasgow

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

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.

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

Wednesday 21 June — *continued*

14.00–17.00 [Hall 1D – Level 1]
Hepatobiliary Pathology

14.00–17.00 [Room 1B – Level 3]
Journal of Pathology: ARI-Genetics of Disease

14.00–17.00 [Room 3A – Level 3]
Head and Neck

14.00–17.00 [Room 3B – Level 3]
Haematopathology

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]
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 [Room to be confirmed]
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.

EARLY BIRD REGISTRATION FEES

UNTIL 23.59 ON FRIDAY 19 MAY 2017

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

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 NTN's 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>

| LATE REGISTRATION FEES FROM 00.01 ON SATURDAY 20 MAY 2017 | | | |
|--|--|---------------------|-------------------|
| Delegate Type | Fee Categories | Per Day or Part Day | Conference Dinner |
| BDIAP or Pathological Society Member | Ordinary Member, Consultant and/or equivalent position | £ 190 | £ 80 |
| BDIAP or Pathological Society Concessionary Member | Biomedical Scientist; Honorary or Senior Member; PhD Student; Post-Doctoral Fellow, Technician and Trainee | £ 70 | £ 80 |
| Pathological Society Undergraduate Student Member | Undergraduate Student | Free | £ 30 |
| Non-Member | Consultant and/or equivalent position | £ 260 | £ 80 |
| Non-Member Concessionary * | Biomedical Scientist; PhD Student; Post-Doctoral Fellow, Technician and Trainee | £ 85 | £ 80 |
| Non-Member Undergraduate Student * | Undergraduate Student <i>See special offer below</i> | £ 85 | £ 80 |
| Companion Groups (except ACEM) <i>See list of eligible groups</i> | All categories | £ 190 | £ 80 |

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.

ENQUIRIES

Meeting website

www.path.org.uk

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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 [Room to be confirmed]

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 [Room to be confirmed]

Secure facilities will be provided for coats and bags will be provided.

TRAVEL

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

GENERAL ARRANGEMENTS

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 ([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.

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

GENERAL ARRANGEMENTS

FUTURE MEETINGS

British Division of the IAP

2017 24–25 November, London
Winter Meeting: Breast Pathology

Pathological Society

2018 25–26 January, London
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

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:

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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.

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▶ 07.15

Hall 1A/B, Level 1

REGISTRATION and COFFEE

▶ 08.00 – 18.00

Hall 1A/B, Level 1

SLIDE SEMINAR CASE COMPETITION VIEWING

▶ 08.00 – 08.55

Room 1A, Level 3

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

▶ 09.00 – 17.00

Hall 1D, Level 1

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

▶ 09.00 – 12.00

Room 2A, Level 3

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*

▶ 09.00 – 12.00

Room 1A, Level 3

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

09.00–09.05

Introduction

09.05–09.30

[S5] Fibrosing Organising Pneumonia (FOP) and Pleuroparenchymal Fibroelastosis (PPFE)

Dr DM Rassl

Papworth Hospital NHS Foundation Trust, Cambridge, UK▶ 09.00 – 12.00 — *continued*

Room 1A, Level 3

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 [Hall 1A/B, Level 1]

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

Room 1B, Level 3

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**[S10] 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*

Room 1B, Level 3

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

- 10.10–10.40 **[S11] Deep Learning Based Algorithms Significantly Aid Breast Cancer Histopathology**
 © 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

Room 2B, Level 3

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 M Moore; J 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]

▶ 09.15 – 11.55 — *continued*

Room 2B, Level 3

- 10.50–11.25 **[S13] Do You Have the Potential to be a Pattern Recognition Expert?**
 Dr JP Houghton
Queen's University Belfast, Belfast, UK
- 11.25–11.55 **Molecular Pathology**
 Prof M Salto-Tellez
Queen's University Belfast, Belfast, UK

▶ 09.00 – 11.55

Room 3A/B, Level 3

BAGP JOINT SYMPOSIUM**Hot Topics in Gynaecological Cancer**

Chair: Prof WG McCluggage, Belfast Health and Social Care Trust, Belfast, UK

- 09.00–09.30 **[S2] The Emerging Spectrum of Non-HPV Related Cervical Adenocarcinomas**
 Prof WG McCluggage
Belfast Health and Social Care Trust, Belfast, UK
- 09.30–10.00 **Moving Towards a Combined Morphological-Molecular Classification of Endometrial Cancers**
 Dr R Soslow
Memorial Sloan Kettering Cancer Center, New York, USA
- 10.00–10.30 **[S3] How Do We Assign Primary Site in Extrauterine High Grade Serous Carcinoma**
 Dr N Singh
Bart's Health NHS Trust, London, UK
- 10.30–10.55 **REFRESHMENTS and TRADE EXHIBITION** [Hall 1A/B, Level 1]
- 10.55–11.25 **[S4] The Clinical Significance of Stratifying Vulval Squamous Carcinoma into HPV and Non-HPV Related Variants**
 Dr B Gilks
Vancouver General Hospital and University of British Columbia, Vancouver, Canada
- 11.25–11.55 **The Overlap Between Gynaecological and Soft Tissue Pathology: Importance of Working Together**
 Dr V Sumathi
Birmingham Orthopaedic Hospital, Birmingham, UK

▶ 12.00 – 13.00

Hall 1D, 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

▶ 13.00 – 14.00

Hall 1A/B, Level 1

LUNCH, TRADE EXHIBITION and POSTER VIEWING

▶ 14.00 – 16.25

Room 1A, Level 3

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?**
 © 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**
 © SF Brockmoeller¹; E Toh¹; S Fleming²; E Morris²; P Quirke¹
¹Leeds Institute for Cancer and Pathology, Leeds, UK; ²University Leeds, Leeds, UK
- 14.30–14.45 **[O3] Retrospective Study of the Correlation Between Radiological and Histopathological Staging in Advanced Rectal Cancers Requiring Multi-Visceral Resection**
 © AC Huskinson; A Quyn; P Sagar; N West
 St James's University Hospital, Leeds, UK
- 14.45–15.00 **[O4] Deriving Prognostic Information from the Tumour Microenvironment in Stage II/III Colonic Adenocarcinoma: Reinvigorating the Soil and Seed Hypothesis**
 © SO Hynes¹; HG Coleman²; PJ Kelly³; S Irwin³; RF O'Neill²; RT Gray²; C McGready¹; PD Dunne¹; S McQuaid¹; JA James¹; M Salto-Tellez¹; MB Loughrey³
¹Northern Ireland Molecular Pathology Laboratory, Belfast, UK; ²Centre for Public Health, Queen's University Belfast, Belfast, UK; ³Royal Victoria Hospital, Belfast, UK

▶ 14.00 – 16.25 — *continued*

Room 1A, Level 3

- 15.00–15.25 **REFRESHMENTS and TRADE EXHIBITION** [Hall 1A/B, Level 1]
- 15.25–15.40 **[O5] The Development of a Semi-Quantitative Assessment Tool for Analysing Regression Patterns Following Chemoradiotherapy in Colorectal Cancer**
 © 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**
 © SD Richman¹; R Adams²; E Brown³; L Brown⁴; R Butler⁵; S Falk⁶; D Fisher⁴; R Kaplan⁴; G Middleton⁷; P Quirke¹; L Samuel⁸; J Seligmann¹; MT Seymour¹; KK Shiu⁴; H Wasan⁹; R Wilson¹⁰; 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
- 15.55–16.10 **[O7] RAS Screening in Colorectal Cancer: Comprehensive Analysis of the Results from the UK NEQAS Colorectal Cancer External Quality Assurance Schemes (2009–2016)**
 © 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
- 16.10–16.25 **[O8] Introducing a New Panel of Markers for Microsatellite Instability (MSI) Detection in Colorectal Cancer by High Resolution Melting Analysis**
 © W Fadhil¹; S Susanti¹; HO Ebili¹; J Field²; K Stafford²; H Hadjimichael¹; M Ilyas¹
¹School of Medicine/ University of Nottingham, Nottingham, UK; ²Nottingham University Hospitals NHS Trust, Nottingham, UK

▶ 14.00 – 16.55

Room 1B, Level 3

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

14.00–14.30 **[S16] Tissue is the Issue: Sample and Practical Challenges in Molecular Pathology Testing**

Dr A Oniscu
 Royal Infirmary of Edinburgh, Edinburgh, UK

14.30–15.00 **The Impact of Tumour Assessment in Genomics**

Dr D Gonzalez de Castro
 Queen's University Belfast, Belfast, UK

15.00–15.15 **REFRESHMENTS and TRADE EXHIBITION** [Hall 1A/B, Level 1]

15.15–15.55 **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

15.55–16.25 **[S17] Clinical Implementation of Circulating Tumour DNA Analysis by Digital Droplet PCR for NSCLC**

Dr R Butler
 University Hospital of Wales, Cardiff, UK

16.25–16.55 **MALDI TOF Mass Spectrometry in Routine Diagnostic Pathology**

Prof JP Kreigsmann
 Centre for Histology, Cytology and Molecular Diagnostics, Trier, Germany

▶ 14.00 – 17.00

Room 2B, Level 3

SYMPOSIUM

Undergraduate Engagement Forum

Chair: Dr R Byers, University of Manchester and Manchester Royal Infirmary, Manchester, UK
 Mr C Slater, University of Manchester, UK

14.00–14.05 **Introduction**

Dr R Byers
 University of Manchester and Manchester Royal Infirmary, Manchester, UK

▶ 14.00 – 17.00 — *continued*

Room 2B, Level 3

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 Calderbank¹; SV Hainsworth²; GN Ruddy³
 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 Koemans¹; R Larue²; L Heij¹; R Riedl³; M Sosef⁴; HI Grabsch¹
¹Department of Pathology, Maastricht University Medical Center, Maastricht, Netherlands; ²Department of Radiotherapy, MAASTRO clinic, Maastricht, Netherlands; ³Department of Pathology, Zuyderland Medical Center, Heerlen, Netherlands; ⁴Department of Surgery, Zuyderland Medical Center, Heerlen, Netherlands

15.20–15.50 **REFRESHMENTS and TRADE EXHIBITION** [Hall 1A/B, Level 1]

15.50–16.05 **[P52] Neo-Adjuvant Chemotherapy Improves Outcome in Patients with Oesophageal Mucinous Adenocarcinoma**

© Miss LN Spaans¹; Y Saito²; N Davarazani¹; D Cunningham³; W Allum³; RE Langley⁴; EC Smyth⁴; HI Grabsch⁵
¹GROW School for Oncology and Developmental Biology, Maastricht University Medical, Maastricht, Netherlands; ²Dept of Thoracic Surgery, Saitama Cardiovascular and Respiratory Center, Saitama, Japan; ³Department of Gastrointestinal Oncology and Lymphoma, Royal Marsden Hospital, London, UK; ⁴Medical Research Council Clinical Trials Unit at UCL, London, UK; ⁵Section of Pathology and Tumor Biology, Leeds Institute of Cancer and Pathology, University of Leeds, Leeds, UK

▶ 14.00 – 17.00 — *continued*

Room 2B, Level 3

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-Hundal²; TI Maisey¹; N Corrigan³; NP West²; 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
- 16.50–17.00 **UNDERGRADUATE RESEARCH AWARD PRESENTATIONS**

▶ 14.00 – 16.55

Room 3A/B, Level 3

BAGP JOINT SYMPOSIUM**The Perils and Pleasures of Biopsy Pathology Reporting**

Chair: Prof WG McCluggage, Belfast Health and Social Care Trust, Belfast, UK

- 14.00–14.40 **Cervical and Vulvovaginal Biopsies**
 Prof WG McCluggage
 Belfast Health and Social Care Trust, Belfast, UK
- 14.40–15.20 **Endometrial Biopsies**
 Dr R Soslow
 Memorial Sloan Kettering Cancer Center, New York, USA
- 15.20–15.35 **REFRESHMENTS and TRADE EXHIBITION** [Hall 1A/B, Level 1]
- 15.35–16.15 **Biopsies of Mesenchymal Lesions**
 Dr R Ganesan
 Birmingham Women's NHS Foundation Trust, Birmingham, UK

▶ 14.00 – 16.55 — *continued*

Room 3A/B, Level 3

- 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

Hall 1D, Level 1

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

Belfast City Hall

WELCOME RECEPTION AND TOURS

- 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 **Ancillary Testing for Bladder Carcinoma on Voided Urine and Instrumented Specimens**
 Prof L Bubendorf, Basel, Switzerland
- 14.30–15.30 **DEBATE: Bladder Cancer Grading: It is Time to Ditch WHO 1973**
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

▶ 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**

▶ 08.00

Hall 1A/B, Level 1

REGISTRATION and COFFEE

▶ 08.00 – 18.00

Hall 1A/B, Level 1

SLIDE SEMINAR CASE COMPETITION VIEWING▶ 09.00 – 16.00 (*onwards*)

Room 2A, Level 3

AIDPATH — COMPANION MEETING

(Academia and Industry Collaboration for Digital Pathology)

Please refer to the detailed meeting programme on page 47

▶ 09.00 – 11.55

Hall 1D, Level 1

SYMPOSIUM**Gastrointestinal Pathology**Chair: Dr M Loughrey, Belfast Health and Social Care Trust, Belfast, UK
Prof M Novelli, University College London, London, UK

09.00–09.05

WelcomeDr MB Loughrey
Belfast Health and Social Care Trust, Royal Victoria Hospital, Belfast, UK

09.05–09.30

[S18] Microscopic Colitis: A Term in EvolutionDr MB Loughrey
Belfast Health and Social Care Trust, Royal Victoria Hospital, Belfast, UK

09.30–09.55

[S19] Ulcerative Colitis Versus Crohn's Disease: Is Biopsy Useful?Prof RM Feakins
Barts Health NHS Trust, London, UK

09.55–10.20

Drug-Induced Gastrointestinal DiseaseProf K Sheahan
UCD School of Medicine, St Vincent's University Hospital, Dublin, Ireland

10.20–10.40

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

10.40–11.05

[S20] Pathology of the Ileoanal PouchProf MR Novelli
University College London Hospital, London, UK

11.05–11.30

[S21] Diagnostic Dilemmas in Barrett's OesophagusDr SL Meijer
Academic Medical Center, Amsterdam, The Netherlands▶ 09.00 – 11.55 — *continued*

Hall 1D, Level 1

11.30–11.55

Gastrointestinal Tract Involvement by Systemic DiseaseDr AC Bateman
Southampton General Hospital, Southampton, UK

▶ 09.00 – 11.30

Room 1A, Level 3

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

[O9] Sudden Unexplained Death in Alcohol Misuse Patients have Different Characteristics to Those Who Died from Sudden Arrhythmic Death Syndrome© T Sorkin¹; MN Sheppard²
¹St Thomas' Hospital, London, UK; ²St George's University, London, UK

09.15–09.30

[O10] With a Heavy Heart: Sudden Cardiac Death in Hypertensive Heart Disease© 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© L Browning¹; M Cabes²; ISD Roberts¹; A Rendek¹; E Collantes¹; M McCole¹; RT Colling³; R Pell⁴; S Henderson²; A Schuh⁵; C Verrill⁶
¹Department of Cellular Pathology, Oxford University Hospitals NHS Foundation Trust, Oxford, UK; ²Oxford Molecular Diagnostics Centre, Oxford University Hospitals NHS Foundation Trust, Oxford, UK; ³Oxford Molecular Diagnostics Centre, Oxford University Hospitals NHS Foundation Trust & Dept of Oncology, University of Oxford, Oxford, UK; ⁴Department of Cellular Pathology, Royal Berkshire Hospital NHS Foundation Trust, Reading, UK; ⁵Oxford Molecular Diagnostics Centre, Oxford University Hospitals NHS Foundation Trust & Dept of Oncology, University of Oxford, Oxford, UK; ⁶Nuffield Department of Surgical Sciences, University of Oxford, Oxford, UK**[O12] This abstract has been withdrawn**

09.45–10.30

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

▶ 09.00 – 11.30 — *continued*

Room 1A, Level 3

ORAL PRESENTATIONS (*continued*)

- 10.30–10.45 **[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 Wood⁵; D Televantou⁵; S Bomken¹; P Carey⁵; © CM Bacon¹; S Bailey⁵; E Molyneux²; 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 Tumourigenicity in an Orthotopic Nude Mouse Xenograft Model**
© HR Haynes¹; H Scott¹; G Shaw²; T Brend²; 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**
© Y Krishna¹; C McCarthy²; H Kalirai²; 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**
© WJ Anderson¹; P Lombard²; A Meecham²; L Cottone²; C Steele²; C Thom¹; H Ye¹; F Amary¹; R Tirabosco¹; S Behjati³; AM Flanagan¹; N Pillay¹
¹Royal National Orthopaedic Hospital, London, UK; ²UCL Cancer Institute, London, UK; ³Sanger Institute, Hinxton, UK

▶ 09.00 – 11.55

Room 3B, Level 3

SYMPOSIUM**Dermatopathology**

Chair: Dr E Calonje, King's College London, London, UK
Dr C McGalje, Belfast Health and Social Care Trust, Belfast, UK

- 09.00–09.40 **[S22] Cutaneous Vascular Tumours: An Update**
Dr JE Calonje
St John's Institute of Dermatology, London, UK
- 09.40–10.20 **Malignant Cutaneous Sweat Gland Tumours**
Dr B Luzar
University of Ljubljana, Ljubljana, Slovenia
- 10.20–10.35 **REFRESHMENTS and TRADE EXHIBITION** [Hall 1A/B, Level 1]
- 10.35–11.15 **[S23] Myxoid Tumors of the Skin**
Dr SD Billings
Cleveland Clinic, Cleveland, United States
- 11.15–11.55 **[S24] Update on the Clinic-Pathological and Molecular Diagnosis of Melanocytic Lesions**
Dr A de la Fouchardiere
Centre Leon Berard, Lyon, France

▶ 09.00 – 11.55

Room 1B, Level 3

SYMPOSIUM**NGS for Tissue Pathologists**

Chair: Dr N Pillay, UCL Cancer Institute and Royal National Orthopaedic Hospital, London, UK
Prof G Thomas, University of Southampton, Southampton, UK

- 09.00–09.40 **[S25] Overview of Next Generation Sequencing Technologies and Bioinformatics in Cancer**
Dr JE Hadfield
CRUK Cambridge Institute, Cambridge, UK
- 09.40–10.10 **[S26] Molecular Pathology in Cancer Precision Medicine: The Heidelberg Experience**
Dr AS Stenzinger
University Hospital Heidelberg / Institute of Pathology, Heidelberg, Germany
- 10.10–10.40 **[S27] Genomes for Medicine: 100,000 Genomes Project and CRUK SMP2**
Dr MT Ross
Illumina Cambridge, Saffron Walden, UK

▶ 09.00 – 11.55 — *continued*

Room 1B, Level 3

SYMPOSIUM: NGS for Tissue Pathologists (*continued*)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

*Inivata (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

▶ 14.00 – 17.00

Room 3A, Level 3

SYMPOSIUM**Head and Neck**Chair: Prof TR Helliwell, Royal Liverpool University Hospital, Liverpool, UK
Dr S Napier, Belfast Health and Care Trust, Belfast, UK14.00–14.20 **[S31] HPV-Associated Head and Neck Cancers: An Update**

Prof TR Helliwell

Royal Liverpool University Hospital, Liverpool, 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 **REFRESHMENTS 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 Georges 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 **REFRESHMENTS and TRADE EXHIBITION** [Hall 1A/B, Level 1]

▶ 14.00 – 17.00 — *continued*

Room 3B, Level 3

- 16.00–16.40 **Pathological Spectrum of Refractory Coeliac and EATL/NK T-Lymphoma in GIT – Information From New Technologies**
 Prof L Quintanilla-Martinez de Fend
Eberhard Karls University of Tübingen, Tübingen, Germany
- 16.40–17.00 **Potential Application of New Technologies to Lymphoproliferative Diseases in GIT – With Special Reference to Marginal Zone Lymphoma**
 Prof F Fend
Eberhard Karls University of Tübingen, Tübingen, Germany

▶ 14.00 – 16.45

Room 1A, Level 3

ORAL PRESENTATIONS

Breast; Gynaecological

Chair: Prof WG McCluggage, Belfast Health and Social Care Trust, Belfast, UK
 Prof E Rakha, University of Nottingham, Nottingham, UK

- 14.00–14.15 **[O17] The Chemokine CXCL10 is a Potential Regulator of Cancer Stem Cells in High Grade Serous Carcinoma**
 © JR McDermott; R Jones; M Lockley; FR Balkwill
Barts Cancer Institute, London, UK
- 14.15–14.30 **[O18] Uterine Tumour Resembling Ovarian Sex Cord Tumour (UTROSCT): Follow-Up of a Case Series Confirming a Neoplasm of Low Malignant Potential**
 © M Moore; WG McCluggage
Department of Pathology, Belfast Health and Social Care Trust, Belfast, UK
- 14.30–14.45 **[O19] Myoepithelial Cell Phenotype in DCIS Progression: Functional Significance of Integrin $\alpha\beta 6$ and Fibronectin**
 © M Hayward; MD Allen; JJ Gomm; L Haywood; JF Marshall; LJ Jones
Barts Cancer Institute, London, UK
- 14.45–15.00 **[O20] Glutamine Transporters SLC1A5 and SLC7A5 are Key Therapeutic Targets in Luminal B Breast Cancer**
 © R El-Ansari¹; MA Aleskandarany¹; KW Cheng¹; M Diez-Rodriguez¹; CC Nolan¹; C Caldas²; IO Ellis¹; EA Rakha¹; AR Green¹
¹University of Nottingham, Nottingham, UK; ²Cancer Research UK Cambridge Institute, University of Cambridge, Cambridge, UK

▶ 14.00 – 16.45 — *continued*

Room 1A, Level 3

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 Ojiegbe¹; C Joseph¹; E Provenzano²; C Caldas³; C Nolan¹; AR Green¹; E Rakha⁴; IO Ellis⁴; © A Mukherjee⁴
¹Department of Histopathology, School of Medicine, University of Nottingham, Nottingham, UK; ²Addenbrooke's Hospital, Cambridge University Hospital NHS Foundation Trust, Cambridge, UK; ³CRUK Cambridge Research Institute, Addenbrooke's Hospital, Nottingham, UK; ⁴Department of Histopathology, Nottingham University Hospitals NHS Trust, Nottingham, UK
- 15.15–15.45 **REFRESHMENTS and TRADE EXHIBITION** [Hall 1A/B, Level 1]
- 15.45–16.00 **[O22] Cell Division Cycle 25C (CDC25C) Expression Confers Poor Prognosis in Invasive Breast Cancer**
S Ojiegbe¹; C Joseph¹; E Provenzano²; C Caldas³; C Nolan¹; AR Green¹; E Rakha⁴; IO Ellis⁴; © A Mukherjee⁴
¹Department of Histopathology, School of Medicine, University of Nottingham, Nottingham, UK; ²Addenbrooke's Hospital, Cambridge University Hospital NHS Foundation Trust, Nottingham, UK; ³CRUK Cambridge Research Institute, Addenbrooke's Hospital, Nottingham, UK; ⁴Department 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 Aliyeva¹; C Joseph¹; E Provenzano²; R Russell³; C Caldas⁴; S Sonbul¹; C Nolan¹; AR Green¹; EA Rakha⁵; IO Ellis⁵; © A Mukherjee⁵
¹Department of Histopathology, School of Medicine, University of Nottingham, Nottingham, UK; ²Addenbrooke's Hospital, Cambridge University Hospital NHS Foundation Trust, Cambridge, UK; ³CRUK Cambridge Research Institute, Cambridge, UK; ⁴CRUK Cambridge Research Institute, Addenbrooke's Hospital, Cambridge, UK; ⁵Department of Histopathology, Nottingham University Hospitals NHS Trust, Nottingham, UK
- 16.30–16.45 **[O25] FOXP1 Expression Correlates with Better Prognosis in Invasive Breast Cancer Including the ER-Positive Luminal Subtype**
© C Joseph¹; M Craze¹; C Nolan¹; M Diez-Rodriguez¹; AR Green¹; E Rakha²; IO Ellis²; A Mukherjee²
¹Department of Histopathology, School of Medicine, University of Nottingham, Nottingham, UK; ²Department 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
- 14.30–15.00 **[S35] Cancer Predisposition Syndromes: Lessons for Truly Precision Medicine**
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/B, 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

▶ 17.00 – 18.30

Hall 1D, Level 1

POSTER VIEWING and CHAIRMAN'S ROUNDS

| GROUP – CATEGORY | POSTER NUMBER | CHAIR |
|---|--|---|
| 1 – Autopsy/Forensic Cardiovascular/Pulmonary | P1–5 P6–11 | Dr A Dorman, Belfast; Dr S Hynes, Galway |
| 2 – Breast | P12–25 | Dr C Boyd, Belfast; Dr C Quinn, Dublin |
| 3 – Cellular/Molecular Pathology Experimental Tumour Pathology Technical Advances | P26, P28–35 P36 P37–39 | Prof MJ Arends, Edinburgh; Dr P Maxwell, Belfast |
| 4 – Education and Audit | P40–47, P120 | Dr L Browning, Oxford; Prof EJ Soilleux, Oxford |
| 5 – Gastrointestinal & Hepatobiliary/Pancreas | P51–56, P58, P62, P65, P67–68, P70–74 | Dr P Kelly, Belfast; Dr C Verbeke, Oslo, Norway |
| 6 – Gastrointestinal & Endocrine | P48–50, P57, P59–61, P63–64, P66, P110 | Dr M Loughrey, Belfast; Prof K Sheahan, Dublin |
| 7 – Genitourinary Renal | P75–88 P89–91 | Prof D Berney, London; Dr B Loftus, Dublin |
| 8 – Gynaecological | P92–99 | Prof CS Herrington, Edinburgh; Dr N Singh, London |
| 9 – Haematopathology Osteoarticular/Soft Tissue | P100–103 P104–109 | Dr S Dojcinov, Cardiff; Dr O Houghton, Belfast |
| 10 – Endocrine Head and Neck Neuropathology/Ophthalmic Skin | P111 P112–114 P119 P115–118 | Dr E Calonje, London; Dr S Napier, Belfast |

Posters: P27, P37 and P69 have been withdrawn

▶ 09.00 – 16.00

COMPANION MEETING

Room 2A, Level 3

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

Digital Pathology: Cancer Microenvironment Image Analytics

Chair: Prof M Ilyas and Prof G Bueno

09.00–09.05

Welcome

Prof M Ilyas

University of Nottingham, Nottingham, UK

09.05–09.25

AIDPATH Project

Prof G Bueno

VISILAB and University of Castilla-La Mancha, Spain

09.25–09.45

***A Novel Method for Segmentation of Tumour Epithelium
in Colorectal Cancer***

Dr M Abdelsemea

09.45–10.15

Reading IHC Slides: Can Machines Do Better Than Humans?

Prof A Laurinavicius

National Center of Pathology and Vilnius University, Vilnius, Lithuania

10.15–10.45

Refreshments [Hall 1A/B, Level 1]

10.45–11.15

***Automated Identification of Tumour Proliferation on Ki67
Immunohistochemical Images Using Deep Learning Approach***

Dr JJ Pushpa

Astrazeneca, UK

11.15–11.45

***The Study of Drug Distribution and Tumor Heterogeneity Using
Telepathology with Mass Spectrometry Imaging***

Dr A Rasmusson

Astrazeneca, UK

11.45–12.15

Colour Image Processing in Digital Pathology

Dr W Saafin and Dr G Schaefer

Loughborough University, UK

12.15–13.30

Lunch [Hall 1A/B, Level 1]

Programme continues overleaf

▶ 09.00 – 16.00

COMPANION MEETING

Room 2A, Level 3

AIDPATH (continued)

- 13.30–14.00 **TILs Quantification by Image Analysis**
Prof VD Mea
University of Udine, Italy
- 14.00–15.00 **Tools and Software for Digital Pathology**
Prof G Bueno
VISILAB and University of Castilla-La Mancha, Spain
- 15.00–15.30 **Challenges in Digital Pathology**
Prof VD Mea
University of Udine, Italy
Prof G Bueno
VISILAB and University of Castilla-La Mancha, Spain
- 15.30–16.00 **Refreshments** [Hall 1A/B, Level 1]

16.00 onwards **Closed Meeting for AIDPATH Management**

▶ 08.00

Hall 1A/B, Level 1

REGISTRATION and COFFEE

▶ 08.00 – 18.00

Hall 1A/B, Level 1

SLIDE SEMINAR CASE COMPETITION VIEWING

▶ 08.30 – 12.00

Hall 1D, Level 1

SYMPOSIUM**Breast**Chair: Dr C Boyd, Belfast Health and Care Trust, Belfast, UK
Dr R Deb, Royal Derby Hospital, Derby, UK

- 08.30–09.00 **An Update on Recent Guidelines (Diagnosis and Management of B3 Lesions, Operative and Non-Operative Breast Specimens): What's New?**
Dr R Deb
Royal Derby Hospital, Derby, UK
- 09.00–09.30 **[S38] Neoadjuvant Chemotherapy in Breast Cancer: Practical Aspects in Specimen Handling and Recent Advances**
Dr E Provenzano
Addenbrookes Hospital, Cambridge, UK
- 09.30–10.00 **What Do Breast Pathologists Find Difficult? Learning From My Referral Practice**
Prof S Pinder
King's College London, London, UK
- 10.00–10.20 **REFRESHMENTS and TRADE EXHIBITION** [Hall 1A/B, Level 1]
- 10.20–10.50 **Digital Pathology in Breast Specimen Reporting: Barriers to Implementation and How to Overcome Them. What Can We Learn from the Utrecht Experience?**
Dr C Vreuls
University Medical Center, Utrecht, The Netherlands
- 10.50–11.20 **Research in Breast Cancer: Where Are We Now and What's Next?**
Prof IO Ellis
University of Nottingham, Nottingham, UK
- 11.20–12.00 **Slide Seminar**

▶ 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, UK09.00–09.10 **Welcome and Introduction**Prof G Thomas
University of Southampton, Southampton, UK09.10–09.45 **Cancer Immunology and Cancer Stroma**Prof G Thomas
University of Southampton, Southampton, UK09.45–10.20 **Deciphering the Tumour Ecosystem Using Machine Learning for Pathology**Dr Y Yuan
Institute of Cancer Research, London, UK10.20–10.40 **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, UK11.15–11.50 **Digital Pathology and Cancer Immunology Testing**Prof M Salto-Tellez
Queen's University Belfast, Belfast, UK

▶ 09.00 – 11.15

Room 1A, Level 3

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, UK09.00–09.15 **[O26] The Importance of Resting CD8+ T Cells and Proliferating Tumour Cells in Gastric Cancer**© K Nekolla¹; M Yigitsoy¹; S Earle²; A Meier¹; N Harder¹; M Hale²; A Zuraw¹; T Yoshikawa³; G Schmidt¹; 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 — *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**© N Kirkham; I Nicklaus-Wollenteit; R Bremner
Birmingham Children's Hospital, Birmingham, UK09.30–09.45 **[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, Japan09.45–10.00 **[O29] Epstein-Barr Virus-Associated Gastric Carcinoma: The Roles of Cellular and Viral MicroRNAs in its Carcinogenesis**© A Shinozaki-Ushiku
The University of Tokyo Hospital, Tokyo, Japan10.00–10.30 **REFRESHMENTS and TRADE EXHIBITION** [Hall 1A/B, Level 1]10.30–10.45 **[O30] Functional Analysis of GLI1 and ZIC2, Hedgehog-Related Transcription Factors in Pancreatic Cancer Cells**© SI Inaguma; KK Kasai; HI Ito; TT Tsunoda; HI Ikeda
Aichi Medical University, Nagakute, Japan10.45–11.00 **[O31] Non-HPV Related Squamous Cell Carcinoma of the Anal Canal and Perianal Region**© JM Trainor¹; J Jamison²; H McBride¹; L Travers¹; WG McCluggage¹; PJ Kelly¹
¹Royal Victoria Hospital, Belfast, UK; ²Antrim Area Hospital, Antrim, UK11.00–11.15 **[O32] Acetone Clearance of Pericorectal Fat Increases the Detection of Positive Lymph Nodes in Junior and Senior Pathologists**© CAW Leung; D Rennspiess; GE Fazzi; HI Grabsch
Maastricht University, 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 **REFRESHMENTS 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

▶ 08.30 – 13.00 — *continued*

Room 1B, Level 3

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

TRAINEES' 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

▶ 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**
 © 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**
 © SF Brockmoeller¹; © C Young¹; JL Lee²; M Arends³; JL Jones⁴; M Salto-Tellez⁵; GJ Thomas⁶; KA Oien⁷
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; ⁶University of Southampton, Southampton, UK; ⁷University of Glasgow, Glasgow, UK
- 14.30–14.45 **[PL3] Adaptive Clonal Heterogeneity During Oesophageal Cancer Progression**
 DL Lavery¹; AM Baker¹; MJ Van der Wel²; SAC McDonald¹; P Quirke³; MR Novelli⁴; M Rodriguez-Justo⁴; D Treanor³; TA Graham¹; SL Meijer²; NA Wright¹; © M Jansen⁵
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
- 14.45–15.00 **[PL4] Impact of Postmortem CT on Coronial Autopsies: Review of a Digital Autopsy Service**
 © AMS Shavick¹; JH Hamblin¹; REB Benamore²; ZCT Traill²; ISR Roberts³
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/B, Level 1]
- 15.25–15.40 **[PL5] Evaluating Sudden Cardiac Death: Insights from the Largest Pathology Database for Sudden Cardiac Death in the World**
 © JD Westaby; CJ Miles; MN Sheppard
 St George's University of London, London, UK
- 15.40–15.55 **[PL6] Examining the Genomic Changes Which Occur in the Development of Oral Cancer from a Pre-Cancerous Background**
 © HM Wood¹; PH Rabbitts¹; C Conway²
¹University of Leeds, Leeds, UK; ²University of Ulster, Londonderry, UK

▶ 14.00 – 16.25 — *continued*

Hall 1D, Level 1

- 15.55–16.10 **[PL7] Genetic and Epigenetic Landscape of Chordoma with a Focus on Studying Inactivation of CDKN2A/p16**
 © L Cottone¹; P Lombard¹; N Eden¹; C Unwin²; H Ye²; R Tirabosco²; S Behjati³; N Pillay¹; AM Flanagan¹
¹University College London, London, UK; ²Royal National Orthopaedic Hospital, London, UK; ³Wellcome Trust Sanger Institute, Cambridge, UK
- 16.10–16.25 **[PL8] Development of a Semi-Automated Analysis Pipeline for Next-Generation Sequencing Based Targeted Mutation Data in the FOCUS4 Trial**
 © HM Wood; M Taylor; G Hemmings; SD Richman
 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 Going
 Queen Elizabeth University Hospital, Glasgow, UK

▶ 19.30 – 23.00

Titanic Suite, Titanic Belfast

CONFERENCE DINNER including Musical Entertainment

Transport will be provided (departure times to be confirmed)

▶ 07.15

Room to be confirmed

REGISTRATION and COFFEE

▶ 09.00 – 16.30

Room 2A, Level 3

ACEM — COMPANION MEETING

(Association of Clinical Electron Microscopists)

Please refer to the detailed meeting programme on page 60

▶ 09.50 – 16.30

Room 1A, Level 1

BAC — COMPANION MEETING

(British Association for Cytopathology)

Please refer to the detailed meeting programme on page 61

▶ 09.00 – 17.00

Room 2B, Level 3

DIE CARDIAC GROUP — COMPANION MEETING

(Dutch Irish English Cardiac Group)

Please refer to the detailed meeting programme on page 62

▶ 09.00 – 13.00

Room 3A/B, Level 3

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** [Room to be confirmed]11.15–12.00 ***Running a 100% Digital Pathology Laboratory: Challenges and Opportunities***

Dr I van den Berghe

AZ Sint-Jan AV, Brugge-Ostend, Brugge, Belgium▶ 09.00 – 13.00 — *continued*

Room 3A/B, Level 3

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

Room 1B, Level 3

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** [Room to be confirmed]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 Swanton²¹UCL Cancer Institute, London, UK; ²Francis Crick Institute, London, UK

▶ 12.00 – 13.00

Room to be confirmed

LUNCH

▶ 12.00 – 13.00

Room to be confirmed

TRAINEES' NETWORK LUNCH*Separate lunch will be provided*

▶ 13.00 – 14.30

Room 1B, Level 3

TRAINEES' SESSION**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

Room to be confirmed

REFRESHMENTS

▶ 14.50 – 15.30

Room to be confirmed

TRAINEES' LECTURE

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 2A, Level 3

ASSOCIATION OF CLINICAL ELECTRON MICROSCOPISTS (ACEM)

- 09.00–09.40 **Deciphering the Renal Biopsy Request Form: A Guide for Beginners**
Dr C Roufosse
Imperial Healthcare Trust, Hammersmith Hospital, London, UK
- 09.40–10.10 **NEQAS Diagnostic TEM EQA: A New Scheme Launch**
Mrs T de Haro
Leicester Royal Infirmary, Leicester, UK
- 10.10–10.30 **Diamond and Glass Knife Care and Use: Presentation and Discussion**
Dr A Page
Southampton General Hospital, Southampton, UK
- 10.30–11.00 **Refreshments** [Room to be confirmed]
- 11.00–11.45 **Electron Microscopy of Abnormal Deposits and Inclusions**
Dr J Schroeder
Regensburg, Germany
- 11.45–12.00 **Group Photograph and Signing In**
- 12.00–12.20 **The Future of Electron Microscopy**
Mr B Wagner
Royal Hallamshire Hospital, Sheffield, UK
- 12.20–13.30 **Lunch** [Room to be confirmed]
- 13.30–14.00 **3-Dimensional Electron Microscopy**
Mrs P Goggin
Southampton General Hospital, Southampton, UK
- 14.00–14.30 **ISO 15189 Accreditation and the EM Laboratory**
Ms R Doherty
Southampton General Hospital, Southampton, UK
- 14.30–15.00 **Search for a Uranyl Acetate Substitute**
Dr A Shoemark
Royal Brompton Hospital, London
- 15.00–15.30 **Refreshments** [Room to be confirmed]
- 15.30–16.00 **Ultrastructure of Desmosomes as a Diagnostic Clue in a Case of Congenital Skin Fragility Syndrome**
Dr A Dragomir
Uppsala, Sweden
- 16.00–17.00 **AGM**

▶ 09.50 – 16.30 COMPANION MEETING Room 1A, Level 3

BRITISH ASSOCIATION FOR CYTOPATHOLOGY (BAC)**Interventional Cytopathology**

- 09.50–10.00 **Welcome**
- 10.00–11.00 **EUS FNA Diagnosis of Pancreatic Pathology**
Prof S Ali
The John Hopkins Hospital, Baltimore, USA
- 11.00–12.00 **EBUS TBNA Molecular Cytodiagnosis of Thoracic Malignancies**
Prof M Salto-Tellez
Queen's University Belfast, Belfast, UK
- 12.00–13.00 **Lunch** [Room to be confirmed]
- 13.00–14.00 **EUS FNA of Pancreatic Pathology**
Prof S Ali
The John Hopkins Hospital, Baltimore, USA
- 14.00–15.00 **EBUS TBNA of Thoracic Pathology**
Dr M Moonim
Guy's and St Thomas' Hospitals, London, UK
- 15.00–15.30 **Refreshments** [Room to be confirmed]
- 15.30–16.30 **FNA Head and Neck Pathology**
Prof S Ali
The John Hopkins Hospital, Baltimore, USA

▶ 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** [Room to be confirmed]
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** [Room to be confirmed]
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** [Room to be confirmed]
- 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

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| Prof MJ Arends, Edinburgh | Dr B Loftus, Dublin |
| Dr EW Benbow, Manchester | Dr M Loughrey, Belfast |
| Prof DM Berney, London | Dr P Maxwell, Belfast |
| Dr C Boyd, Antrim | Prof WG McCluggage, Belfast |
| Dr T Brenn, Edinburgh | Dr C McGalie, Craigavon |
| Dr L Burke, Cork | Dr S McQuaid, Belfast |
| Prof SS Cross, Sheffield | Prof GI Murray, Aberdeen |
| Prof MQ Du, Cambridge | Dr S Napier, Belfast |
| Prof RM Feakins, London | Prof AG Nicholson, London |
| Prof S Fleming, Dundee | Dr M Osborn, London |
| Prof AJ Freemont, Manchester | Dr D Poller, Portsmouth |
| Prof CS Herrington, Edinburgh | Prof E Rakha, Nottingham |
| Dr J Houghton, Belfast | Prof ISD Roberts, Oxford |
| Dr O Houghton, Belfast | Prof G Thomas, Southampton |
| Dr TS Jacques, London | Dr D Treanor, Leeds |
| Prof E Kay, Dublin | Prof P van der Valk, Amsterdam |
| Dr P Kelly, Belfast | Dr L Venkatraman, Belfast |
| Dr M Khan, Nottingham | Prof KP West, Leicester |

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