Nottingham Pathology 2016

9th Joint Meeting of the British Division of the International Academy of Pathology and the Pathological Society of Great Britain & Ireland

28 June – 1 July 2016

Hosted by
Academic Unit of Molecular Pathology
Division of Cancer and Stem Cells
School of Medicine, University of Nottingham

Venue
East Midlands Conference Centre and Orchard Hotel
The University of Nottingham, University Park, NG7 2RJ

Companion Sessions
AIDPATH • British Lymphoma Pathology Group
Association of Clinical Electron Microscopists
UK Cardiac Pathology Network • Renal EQA
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Programme acknowledgements

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Lower two pictures  Experience Nottinghamshire

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## Programme Overview

### Tuesday 28 June 2016

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| 10.30–10.50  | Bernqueting Suite | Refreshments and Trade Exhibition |
| 12.00–13.00 | pg25 | Conference Theatre | BDIAP Kristin Henry Lecture: Evolution of Classifications in Lung Pathology  
Prof AG Nicholson, London |
| 13.00–14.00 | pg25 | Banqueting Suite | Lunch, Trade Exhibition and Poster Viewing |
| 14.00–16.55 | pg25 | Conference Theatre | Symposium: Journal of Pathology: Models of Human Disease |
| 14.00–17.00 | pg28 | Conference Suite 1 | Symposium: Hepatobiliary Pathology |
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| 15.30–15.55  | Banqueting Suite | Refreshments and Trade Exhibition |
| 15.20–15.45  | Banqueting Suite | Refreshments and Trade Exhibition |
| 17.00–17.50 | pg31 | Conference Theatre | Public Lecture: The 100,000 Genomes Project – Transforming the NHS?  
Dr TA Fowler, London |
| 18.30–20.30 | pg31 | Venue: Nottingham Castle | Welcome Reception and Optional Cave Tour  
Buses depart at 18.00 |
| 09.00–12.00 | pg24 | Gallery 2/3 | Undergraduate Day: Undergraduate Engagement Forum |
| 09.00–17.00 | pg25 | Gallery 1 | Symposium: Advances in Digital Pathology: The AIDPATH Project  
For programme details visit: www.path.org.uk |
<p>| 09.00–17.00 | pg26 | Conference Suite 3 | Oral Presentations |
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| 15.20–15.45 | Banqueting Suite | Refreshments and Trade Exhibition |</p>
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<td>Registration and Coffee</td>
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<td>Symposium: Gastrointestinal Pathology</td>
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<td>Refreshments and Trade Exhibition</td>
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<td>Symposium: Genitourinary Pathology</td>
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<td><strong>12.00–13.00</strong></td>
<td>Pathological Society CL Oakley Lecture:</td>
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<td>Quantifying Clonal Evolution in the Human Colon</td>
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### PROGRAMME OVERVIEW

**Thursday 30 June 2016**

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<td>Symposium: *Mechanisms of Disease: Cutting Edge Topics*</td>
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<tr>
<td>10.30–11.00</td>
<td>Refreshments and Trade Exhibition</td>
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<td>12.00–13.00</td>
<td>Trainees’ Networking Lunch</td>
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<td>12.00–14.00</td>
<td>Lunch, Trade Exhibition and Poster Viewing</td>
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<td>13.00–14.00</td>
<td>Pathological Society Annual General Meeting</td>
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<td>14.00–16.30</td>
<td>Plenary Oral Presentations</td>
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<td>15.00–15.30</td>
<td>Refreshments and Trade Exhibition</td>
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<tr>
<td>16.45–17.30</td>
<td>Symposium: *Pathological Society Doniach Lecture: Looking at Breast Cancer*</td>
</tr>
<tr>
<td>19.00–23.00</td>
<td>Conference Dinner — including Dodgems and Musical Entertainment</td>
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**08.00–08.55** [Conference Suite 1]

**Symposium:**

*Mechanisms of Disease: Cutting Edge Topics*

Light breakfast will be provided

**10.30–11.00** [Banqueting Suite]

宁和食事

**08.25–12.30** [Conference Suite 2]

**Symposium:**

*Renal Pathology*

**10.30–10.50** [Banqueting Suite]

宁和食事

**09.30–17.00** [Gallery 2/3]

**British Lymphoma Pathology Group (BLPG) Meeting**

For programme details visit: [www.path.org.uk](http://www.path.org.uk)

**13.30–16.00** [Conference Suite 2]

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

For programme details visit: [www.path.org.uk](http://www.path.org.uk)
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<tr>
<td>08.00</td>
<td>Registration and Coffee</td>
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<tr>
<td>09.55–16.30</td>
<td>In association with the Royal College of Pathologists Symposium: Molecular Pathology: Transformative Technologies</td>
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**Programme Details**

- **UK Cardiac Pathology Network Meeting**
  - For programme details visit: [www.path.org.uk](http://www.path.org.uk)

- **British Lymphoma Pathology Group (BLPG) Meeting**
  - For programme details visit: [www.path.org.uk](http://www.path.org.uk)
PLENARY ORAL SESSION [Conference Theatre]
The eight highest-ranked submitted oral abstracts will be presented on Thursday 30 June 14.00–16.30.

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

POSTERS, VIEWING AND CHAIRMAN’S ROUNDS [Banqueting Suite]

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 29 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.

Winners will be announced at the Conference Dinner on 30 June.

Note to presenters
Ideally, posters should be in place by 09.00 hrs on Tuesday 28 June and must be removed by 15.30 hrs on Thursday 30 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 [Conference Suite 4]
Slides images will be available for viewing on:
Tuesday 28 June 08.00–18.00
Wednesday 29 June 08.00–18.00
Thursday 30 June 08.00–18.00 (Please note the competition closes at 16.00 on Thu 30 June)
SCIENTIFIC SESSION INFORMATION

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

Prize
The prize is a case of champagne. The winner will be announced at the Conference Dinner on Thursday 30 June — at the discretion of the winner, by tradition, this is shared amongst those present at the dinner!

Competition Case Discussion Session  [Conference Suite 4]
Friday 1 July  08.30–10.00

SYMPOSIA

Tuesday 28 June
08.55–11.50  [Conference Theatre]  Gynaecological Pathology
08.55–11.55  [Conference Suite 3]  Pulmonary Pathology
14.00–17.00  [Conference Theatre]  Journal of Pathology: Models of Human Disease
14.00–17.00  [Conference Suite 1]  Hepatobiliary Pathology
14.00–17.00  [Conference Suite 2]  Head and Neck Pathology

Wednesday 29 June
08.55–11.50  [Conference Theatre]  Gastrointestinal Pathology
08.55–11.50  [Conference Suite 3]  Breast Pathology
08.55–12.00  [Conference Suite 1]  Genitourinary Pathology

Thursday 30 June
08.55–12.00  [Conference Theatre]  Mechanisms of Disease – Cutting Edge Topics
08.55–12.00  [Conference Suite 1]  Musculoskeletal Pathology
08.25–12.30  [Conference Suite 2]  Renal Pathology including Renal and Renal Transplant EQA

Friday 1 July

CONTINUING PROFESSIONAL DEVELOPMENT (CPD)

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

Full Day*
Tuesday 28 June  6 credits
Wednesday 29 June  6 credits
Thursday 30 June  6 credits
Friday 1 July  4 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  [The Banqueting Suite]
Delegates are encouraged to visit the Trade Exhibition and are requested to support the companies represented there.
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 UK Undergraduate Students
Join the Royal College of Pathologists and get free membership of the Pathological Society to benefit from free meeting registration for Nottingham Pathology 2016 and all future Pathological Society scientific meetings.

For more information use the URLs below:
https://www.rcpath.org/discover-pathology/are-you-an-undergraduate-.html
http://www.pathsoc.org/index.php/about/undergraduates

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

ADVANCE REGISTRATION
Advance registration will close on Monday 13 June 2016 (midnight). Thereafter delegates may only register on-site on arrival at the meeting.

CANCELLATIONS
A cancellation fee of £20 will be deducted from any refund due for cancellations received in writing by Wednesday 8 June 2016. No refunds will be made after Wednesday 8 June 2016.

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 [Conference Suite 4]
Presentation Checking and Preview will only be available from Tuesday 28 June to Thursday 30 June.

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

Wireless access will be generally available.
PCs and Internet access will only be available in Conference Suite 4.

MESSAGES

During the Meeting, messages for delegates may be left at the following telephone number: +44 (0)7964 024118.
There will also be a message board located beside the Registration Desk.

REFRESHMENTS

All refreshments will be served in the Banqueting Suite unless stated otherwise.

BADGES

Delegates are requested to wear their badges at all times.

COATS AND BAGS

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

TRAVEL

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

GENERAL ARRANGEMENTS

ACCOMMODATION

Discounted hotel and university accommodation has been organised for delegates, 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 28 June
Places are limited – please reserve your free ticket when registering.
Cave Tour £5.00 per ticket. Buses will depart at 18.00.

Thursday 30 June
19.00–23.00 [Banqueting Suite] Conference Dinner and Entertainment.
Entertainment provided by “Mood Indigo” and Dodgems.
Please reserve your ticket when registering (see pages 14–15 for costs).
Places are limited.

Local Places of Interest
For more information please refer to the website: www.path.org.uk
### FUTURE MEETINGS

#### British Division of the IAP
- **2016**  25–30 September, Cologne  
  *Joint IAP / ESP Congress*
- **2016**  2–3 December, London  
  *Upper GI and Pancreatobiliary*

#### Pathological Society
- **2016**  18–21 September, Nottingham  
  *2nd Residential Training School for Diagnostic Molecular Pathology*
  *Winter Meeting*
- **2017**  6–10 February, London  
  *Winter School*

#### Joint Meetings of the British Division of the IAP and the Pathological Society
- **2016**  19–20 August, London  
  *Pathology Summer School for Medical Students*  
  *(co-organised and sponsored with the Royal College of Pathologists)*
- **2017**  20–23 June, Belfast  
  *Belfast Pathology 2017*
- **2018**  19–22 June, Maastricht  
  *Maastricht Pathology 2018*

### TRADE EXHIBITION

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

**BIOCARTIS NV**
Biocartis aims to provide direct access to personalized medicine for patients worldwide by developing fully integrated, broadly applicable molecular diagnostics. Biocartis’ MDx Idylla® platform, launched in September 2014, 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. Biocartis is developing and marketing a rapidly expanding test menu addressing key unmet clinical needs in oncology and infectious diseases. Today, Biocartis has four oncology tests and one infectious disease test on the market.

More information: [www.biocartis.com](http://www.biocartis.com)
Follow us at: @Biocartis

**DAKO-AGILENT TECHNOLOGIES PATHOLOGY SOLUTION**
Whether you are interested in protein or genetic markers, the team from Agilent Technologies can help. Products for routine clinical pathology includes Dako reagents and instruments for IHC and ISH including new PD-L1 CE-IVD PharmDx IHC kits and a new panel of CE-IVD SureFISH probes for lung cancer (Alk, Ros, Ret and Met). If you are interested in research or testing using any aspect of genomics products we can offer helpful advice and a variety of products from sample QC to NGS panels and data analysis software. Can’t get the probe you need? Talk to us about customization to tailor products to your research.

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The Omnyx® Precision Solution™
By combining the technology innovation and backing of GE Healthcare with the pathology expertise and insight of the University of Pittsburgh Medical Center (UPMC), Omnyx offers:
- Whole slide scanners and integrated software platform deliver scale and reliability for your demanding pathology labs
- Open doors to improve efficiencies, enhance access to peers and new digital tools
- Designed as an enterprise-class IT system, Omnyx enables flexible and scalable configuration

Visit our website: [www.gehealthcare.com/digital_pathology](http://www.gehealthcare.com/digital_pathology)
or contact: Tim Wing, Senior Sales Executive – Digital Pathology, GE Healthcare IT.  
Telephone: +44 (0)7785 375822  
Email: tim.wing@med.ge.com
GENERON LTD
Generon commercialises reagents (antibodies, recombinants, ELISA kits, RNAi, cDNA clones, probes, PCR/qPCR reagents…) to diagnostic and research labs. As a very dynamic company, we do our best to be close to our customers’ needs in terms of high quality reagents that we propose and in terms of service that we provide (search for a particular antibody, technical support, delivery time, etc).

GENOMIC HEALTH UK LTD
Genomic Health is a leading provider of genomic-based diagnostic tests than inform treatment decisions and help to ensure each patient receives appropriate treatment for early stage cancer. The company is applying its state-of-the-art scientific and commercial expertise and infrastructure to translate significant amounts of genomic data into clinically-actionable results for treatment planning throughout the cancer patientís journey, from screening and surveillance, through diagnosis and treatment selection. The company is based in Redwood City, California with UK headquarters in London. For more information please visit: www.Genomichealth.co.uk

LEEC LTD
LEEC, based in Nottingham, are internationally recognised for the design, manufacture and supply of Laboratory, Pathology and Forensic equipment into Hospital Mortuaries, Histopathology Laboratories, and Research Centres. Working closely with our customers, we aim to provide bespoke equipment that is designed with end user need's in mind. Ventilated Benches, Staining Tables and Grossing Stations provide practical, ergonomic and safe solutions. ISO9001 accredited, LEEC can offer a total and professional service, with a wealth of experience in the design, supply and installation of equipment for your existing or new laboratory. Winners of The Queen's Award for Enterprise: International Trade 2016. www.leec.co.uk

ROCHE TISSUE DIAGNOSTICS
Headquartered in 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. 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. Founded in 1896, Roche has been making important contributions to global health for more than a century.

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Wiley proudly publishes The Journal of Pathology and the new open access title The Journal of Pathology: Clinical Research 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.
08.00 – 18.00

**REGISTRATION and COFFEE**

08.50 – 08.55

**SLIDE SEMINAR CASE COMPETITION VIEWING**

08.55 – 11.50

**SYMPOSIUM**

**Gynaecological Pathology**

Chair: Prof MJ Arends, University of Edinburgh, Edinburgh, UK
Dr S Deen, Nottingham University Hospitals NHS Trust, Nottingham, UK

09.00–09.30  
[S1] Early Detection Biomarkers and Risk Estimation Models for Ovarian Cancer  
MR Russell; A D’Amato; A Gentry-Maharaj; A Ryan; J Kalsi; U Menon; I Jacobs; Dr RLJ Graham
1University of Manchester, Manchester, UK; 2University College London, London, UK; 3University of New South Wales, Sydney, Australia

09.30–10.00  
Angiogenesis in Ovarian Cancer  
Dr N Nicum  
Oxford University Hospitals NHS Foundation Trust, Oxford, UK

10.00–10.30  
Prof CS Herrington  
University of Edinburgh, Edinburgh, UK

10.30–10.50  
REFRESHMENTS and TRADE EXHIBITION  
[Banqueting Suite]

10.50–11.20  
[S3] Cervical Neoplasia: Mechanisms of Disease Progression, Biomarkers and Therapeutic Targets  
Prof J Doorbar  
University of Cambridge, Cambridge, UK

11.20–11.50  
[S4] Molecular Pathology of Endometrial Cancer  
Prof MJ Arends  
University of Edinburgh, Edinburgh, UK

10.45–10.50  
REFRESHMENTS and TRADE EXHIBITION  
[Banqueting Suite]

11.15–11.50  
Panel Discussion and Concluding Comments  
Prof AG Nicholson  
Royal Brompton Hospital, London
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| 08.55 – 11.50| Conference Suite 1 | **TRAINEES’ SYMPOSIUM**  
The Pathologist in the MDT; The Surgical, Oncological, Radiological and Pathological Perspective  
Chair: Dr K Allen, Leeds Teaching Hospitals, Leeds, UK  
Dr C Young, Leeds Teaching Hospitals, Leeds, UK |
| 09.00 – 12.00| Gallery 2 / 3   | **UNDERGRADUATE DAY**  
Undergraduate Engagement Forum  
Chair: Dr RJ Byers, University of Manchester, Manchester, UK  
Mr C Slater, University of Manchester, Manchester, UK |
| 09.15–09.45  |                | [S9] The Undergraduate Strategy for the Pathological Society of Great Britain & Ireland  
Prof P Quirke  
Leeds University, Leeds, UK |
| 09.45–10.00  |                | **Undergraduate Sub-Committee: How PathSoc Supports Student Societies**            |
| 10.00–10.30  |                | Undergraduates and National Pathology Week  
Dr S Lishman, President, Royal College of Pathologists, London, UK |
| 10.30–10.50  |                | **REFRESHMENTS and TRADE EXHIBITION**  
[Banqueting Suite]                                    |
| 10.50–11.10  |                | [S10] A Research Career in Pathology  
Dr NP West  
University of Leeds, Leeds, UK |
| 11.10–11.30  |                | Training in Histopathology  
Dr A McGregor  
University Hospitals of Leicester, Leicester, UK |
| 11.30–12.00  |                | [S11] Molecular Pathology: From Discovery to Test  
© Prof AJ Freemont; DC Mangham; K Boylan  
University of Manchester, Manchester, UK |
| 09.00 – 17.00| Gallery 1      | **SYMPOSIUM**  
Advances in Digital Pathology: The AIDPATH Project  
For programme details visit: [www.path.org.uk](http://www.path.org.uk) |
| 12.00 – 13.00| Conference Theatre | **BDIAP KRISTIN HENRY LECTURE**  
Chair: Dr AJ Howat, President, BDIAP; Royal Blackburn Hospital, Blackburn, UK  
[S12] Evolution of Classifications in Lung Pathology  
Prof AG Nicholson  
Royal Brompton and Harefield NHS Foundation Trust, London, UK |
| 13.00 – 14.00| Banqueting Suite | **LUNCH, TRADE EXHIBITION and POSTER VIEWING**                          |
| 14.00 – 16.55| Conference Theatre | **SYMPOSIUM**  
Journal of Pathology: Models of Human Disease  
Chair: Prof CS Herrington, Editor in Chief, *Journal of Pathology*;  
University of Edinburgh, Edinburgh, UK  
Prof MJ Arends, Editorial Board, *Journal of Pathology*;  
University of Edinburgh, Edinburgh, UK  
[S13] Models of Endometriosis  
C Barbara; C King; A Prentice; J Brenton; © Prof DS Charnock-Jones  
University of Cambridge, Cambridge, UK |
| 14.00–14.30  |                | Mouse Models of Intestinal Cancer  
Prof O Sansom  
CRUK Beatson Institute, Glasgow, UK |
| 14.30–15.00  |                | [S14] Engineering Large Animal Models of Human Disease  
Prof CBA Whitelaw  
University of Edinburgh, Edinburgh, UK |
| 15.00–15.30  |                | [S15] Models of Human Papillomavirus-Associated Disease  
Prof J Doorbar  
University of Cambridge, Cambridge, UK |
| 15.30–15.55  |                | **REFRESHMENTS and TRADE EXHIBITION**  
[Banqueting Suite]                                    |
Dr DJ Adams  
Wellcome Trust Sanger Institute, Hinxton, UK |

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**Nottingham Pathology 2016**

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**Nottingham Pathology 2016**
ORAL PRESENTATIONS
Cardiovascular/Pulmonary; Education and Audit
Chair: Dr L Browning, Oxford, UK
Prof DM Berney, London, UK

14.00–14.15 [O1] Expression of MET and SOX-2 in Non Small Cell Lung Cancer with Correlation of Histological Features
® AM Quinn1; D Ganguli1; L Franklin1; C Keeling4; H Bradley3; J Harris3; R Byers4; D Nonaka5; W Newman3; F Blackhall3
1University Hospital South Manchester, Manchester, UK; 2Genomic Medicine, St. Mary’s Hospital, Manchester, UK; 3Cancer Research UK, Manchester, UK; 4Manchester Royal Infirmary, Manchester, UK; 5Christie Hospital, Manchester, UK

® A Loona1; R Rummery2; D Baldwin1; IN Soomro1
1Nottingham University Hospitals NHS Trust, Nottingham, UK; 2Royal Derby Hospital NHS Foundation Trust, Derby, UK

14.30–14.45 [O3] Impact Evaluation of BDIAF / IBMS Sponsored Training Workshops in Basic Histology and Immunohistochemistry in East Africa
® O Rotimi1; P Jackson1; E Vuhahula2; A Kalebi3; AJ Howat4
1St James's University Teaching Hospital, Leeds, UK; 2Muhimbili National Hospital, Dar-es-Salaam, Tanzania; 3Lancet Pathology, Nairobi, Kenya; 4Department of Histopathology, Royal Blackburn Hospital, Blackburn, UK

O Rotimi1; ® NO Orah2; A Shabaan2; AO Daramola4; FB Abdulkareem1
1St James’s University Teaching Hospital, Leeds, UK; 2Lagos University Teaching Hospital (L.U.T.H.), Ili Araba, Nigeria; 3Queen Elizabeth Hospital, Birmingham, UK; 4Lagos University Teaching Hospital, Ili Araba, Nigeria

15.00–15.15 [O5] Development of a Pathology Training Programme in Zambia
® RJ Byers1; AJ Merritt2; C Marimo3; V Mudenda3; K Fleming4
1Manchester Royal Infirmary, Manchester, UK; 2Blackburn Royal Hospital, Blackburn, UK; 3University Teaching Hospital, Lusaka, Zambia; 4Centre for Global Health, Washington, United States

15.15–15.45 REFRESHMENTS and TRADE EXHIBITION [Banqueting Suite]
ORAL PRESENTATIONS
Breast (continued)
16.45–17.00 [O10] Radiological, Histological Features and Outcome of Classical Lobular Carcinoma In Situ with Comedo-Necrosis: A Multi-Institutional Series
AM Shaaban\(^1\); N Elgeredly\(^2\); N Sharma\(^3\); S Sundararajan\(^4\); Y Maurice\(^5\); J Loane\(^6\); A Manoharan\(^7\)
\(^1\)Queen Elizabeth Hospital Birmingham, Birmingham, UK; \(^2\)Stockport Foundation Trust, Stockport, UK; \(^3\)St James’s University Hospital, Leeds, UK; \(^4\)Royal Stoke University Hospital, Stoke-on-Trent, UK; \(^5\)Wirral University Hospital NHS Foundation Trust, Wirral, UK; \(^6\)“Western General Hospital, Edinburgh, UK; \(^7\)“The Royal Oldham Hospital, Oldham, UK

SYMPOSIUM
Hepatobiliary Pathology
Chair: Dr AM Zaitoun, Queen’s Medical Centre, Nottingham, UK
Dr P Kaye, Nottingham University Hospitals NHS Trust, Nottingham, UK
14.00–14.30 [S17] Genetic Factors and Mechanism Underlying Drug Induced Liver Injury
Prof GP Aithal
Nottingham University Hospitals and University of Nottingham, Nottingham, UK

14.30–15.00 [S18] Patterns of Drug-Induced Liver Injury
Prof SG Hubscher
University of Birmingham, Birmingham, UK

15.00–15.30 [S19] Liver Disease in the Immunocompromised Patient
Dr SE Davies
Cambridge UH NHSFT, Cambridge, UK

15.30–15.55 REFRESHMENTS and TRADE EXHIBITION [Banqueting Suite]

15.55–16.25 Challenges in Pancreas Pathology
Prof F Campbell
Royal Liverpool University Hospital, Liverpool, UK

16.25–16.55 The Role of the Pathologist in the Diagnosis, Management and Prognosis of Pancreatobiliary Neoplasms
Dr AM Zaitoun
Nottingham University Hospitals NHS Trust, Nottingham, UK

SYMPOSIUM
Head and Neck Pathology
Chair: Prof K McLennan, The Leeds Teaching Hospital NHS Trust, Leeds, UK
Dr R Allibone, Queen’s Medical Centre, Nottingham, UK
14.00–14.40 [S20] PREDICTR Study: Biomarkers in Oro-Pharyngeal Squamous Cell Carcinoma
Dr MC Robinson
Newcastle University, Newcastle upon Tyne, UK

Prof CJL Meijer
Dept of Pathology, Vrije University Medical Center, Amsterdam, Netherlands

15.20–15.45 REFRESHMENTS and TRADE EXHIBITION [Banqueting Suite]

15.45–16.20 The New WHO Classification of Head and Neck Tumours: Principle Changes and New Entities
Dr A Sandison
Imperial College London, London, UK

16.20–16.55 Head and Neck 5000 Study – Now Being Analysed
Dr M Pring
University of Bristol, Bristol, UK
**TUESDAY 28 June 2016**

**DETAILED PROGRAMME**

**14.00 – 16.50 — continued**

**UNDERGRADUATE DAY**

Undergraduate Presentations and Prize Presentation (continued)

14.20 – 14.35  
**[P70]** Colorectal Cancer Resection and Lymph Node Yield: Predictive Factors Through Specimen Report Analysis  
 Presenter: PM Fahmy; B Newell; AJ Mehta; LD Hatter; M Sidapra  
 St George’s University London, London, UK

14.35 – 14.50  
**[P120]** Expression of PD1 in Cutaneous Malignant Melanoma and its Prognostic Significance  
 Presenter: PB Sim; S Elsheikh  
 1School of Medicine, University of Nottingham, Nottingham, UK; 2Department of Cellular Pathology, Queen’s Medical Centre, Nottingham, UK

14.50 – 15.05  
**[P30]** In situ Quantification of Genomic Instability in Lung Adenocarcinoma: Biomarker Potential and the Biological Implications  
 Presenter: PD Kotecha; DA Moore; J Le Quesne  
 1Department of Cancer Studies, University of Leicester, Leicester, UK; 2MRC Toxicology Unit, Leicester, UK

15.05 – 15.20  
**[P29]** Determining the Three Dimensional Architecture of Pulmonary Adenocarcinomas on a Microscopic Scale  
 Presenter: EL Johnstone; DA Moore; N Morone; JPC Le Quesne  
 University of Leicester, Leicester, UK

15.20 – 15.45  
REFRESHMENTS and TRADE EXHIBITION  
[Banqueting Suite]

15.45 – 16.00  
2016 Pathological Society Undergraduate Essay Prize Competition Winner Presentation  
 Presented to Mr M Narajos, Oxford

16.05 – 16.20  
**[P80]** Histopathology as the “Gold Standard”? Audit Study of the Certainty of Diagnosis in Duodenal Biopsies Taken to Investigate Patients for Coeliac Disease  
 Presenter: K Donovan; EJ Soilleux  
 Oxford University, Oxford, UK

**16.20 – 16.50**

**[P83]** Expression of PD-1 and CTLA-4 Ligands in Invasive Bladder Cancer Mouse Models  
 Presenter: M Allam; NF Ismail; R Lightbody; S Fraser; OJ Sansom; T Iwata  
 1School of Medicine, University of Glasgow, Glasgow, UK; 2Department of Pathology, Queen Elizabeth University Hospital, Glasgow, UK; 3Beatson Institute for Cancer Research, Glasgow, UK

**16.35 – 16.50**  
**[P105]** Determination of Histological Predictive Parameters for MYC Rearrangement in Diffuse Large B-cell Lymphoma  
 Presenter: K Milne; EJ Soilleux  
 Oxford University, Oxford, UK

**17.00 – 17.50**

**Conference Theatre**

PUBLIC LECTURE  
Chair: Prof M Ilyas, University of Nottingham, Nottingham, UK

The 100,000 Genomes Project – Transforming the NHS?  
Dr TA Fowler  
Genomic Health England, London, UK

**18.30 – 20.30**

**Nottingham Castle**

WELCOME RECEPTION  
and OPTIONAL CAVE TOUR  
Buses depart at 18.00
08.55 – 11.50 — continued

10.50–11.20 [S27] Molecular Heterogeneity of Gastric Cancer
Prof HI Grabsch
Maastricht University Medical Center, Maastricht, Netherlands

GUEST LECTURE – JAPANESE SOCIETY OF PATHOLOGY

11.20–11.50 [S28] Gastric Adenocarcinoma of Fundic Gland Type – A New Entity
® Prof T Yao¹; H Ueyama²
¹Juntendo University Graduate School of Medicine, Tokyo, Japan; ²Juntendo University School of Medicine, Tokyo, Japan

08.55 – 12.00

SYMPOSIUM
Breast Pathology
Chair: Prof IO Ellis, University of Nottingham, Nottingham, UK
Prof E Rakha, Nottingham University Hospitals NHS Trust, Nottingham, UK

09.00–09.30 [S29] The Role of Immunohistochemistry in Diagnosis in Breast Pathology
Dr AHS Lee
Nottingham University Hospitals, Nottingham, UK

09.30–10.00 [S30] An Update on the Biology, Pathology and Implications of Breast Cancer Risk Lesions
Prof SE Pinder
King’s College London, London, UK

10.00–10.30 [S31] An Update on the Molecular Classification of Breast Cancer
Prof EA Rakha
University of Nottingham, Nottingham, UK

10.30–10.50 REFRESHMENTS and TRADE EXHIBITION [Banqueting Suite]

10.50–11.20 The Role of Myoepithelial Cells in Breast Disease
Prof LJ Jones
Queen Mary, University of London, London, UK

11.20–11.50 THE ROYAL COLLEGE OF PATHOLOGISTS NEERA PATEL LECTURE
Introduced by Dr RD Liebmann, Registrar, Royal College of Pathologists

Contributions of Molecular Techniques to Understanding the Biology of Uncommon Breast Lesions
Prof JS Reis-Filho
Memorial Sloan Kettering Cancer Center, New York, USA
**Symposium — Gastrointestinal; Technical Advances**

**Chair:** Prof P Quirke, Leeds, UK

**Professor HI Grabsch, Maastricht, Netherlands**

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**14.00–14.15**

**[O11]** How Close are we to Standardised Extended RAS Gene Mutation Testing? The UK NEQAS Experience

- SD Richman
- R Butler
- Z Deans

*Leeds Institute of Cancer and Pathology, Leeds, UK; UK NEQAS for Molecular Genetics, Edinburgh, UK; Cardiff and Vale UHB - Medical Genetics, Cardiff, UK*

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**14.15–14.30**

**[O12]** Characterisation of Arachidonic Acid Metabolising Enzymes in Colorectal Cancer

- A Alnabulsi
- R Swan
- B Cash
- A Alnabulsi
- GI Murray

*University of Aberdeen, Aberdeen, UK; Vertebrate Antibodies, Aberdeen, UK*

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**14.30–14.45**

**[O13]** Comparative Analysis of Primary Tumour and Matched Metastasis in Colorectal Cancer Patients; Investigate Genomic, Transcription and Translational Profiles

- OH Negm
- HH Karim
- K Manger
- J Hassall
- W Fadhil
- PJ Tighe
- M Ilyas

*University of Nottingham, Nottingham, UK; Nottingham University Hospitals NHS Trust, Nottingham, UK; School of Life Sciences, University of Nottingham, Nottingham, UK*

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**14.45–15.00**

**[O14]** ADAM-17/FHL2 Colocalisation Suggests Interaction and Role of These Proteins in Colorectal Cancer

- L Verset
- J Tommelein
- C Decaestecker
- I Salmon
- O De Wever
- P Demetter

*Department of Pathology, Erasme University Hospital, Brussels, Belgium; Department of Radiation Oncology and Experimental Cancer Research, UGent, Ghent, Belgium; Digital Image Analysis in Pathology (DIAPATH), CMMI, Gosselies, Belgium*

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**15.00–15.15**

**[O15]** Short Term Pathology Results from the First World Wide Randomised Trial of Robotic Versus Laparoscopic Resection for Rectal Cancer (ROLARR)

- NP West
- DG Jayne
- A Pigazzi
- H Marshall
- J Croft
- N Corrigan
- J Copeland
- T Rautio
- N Thomasson
- H Tilney
- M Gudgeon
- P Bianchi
- JM Brown
- P Quirke

*University of Leeds, Leeds, UK; University of California, Irvine, United States; Oulu University Hospital, Oulu, Finland; Aarhus Hospital, Aarhus, Denmark; Frimley Park Hospital, Frimley, UK; Ospedale La Misericordia, Grosseto, Italy*

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**12.00 – 12.45**

**CL Oakley Lecture**

**Chair:** Dr RJ Byers, General Secretary, The Pathological Society; University of Manchester, Manchester, UK

**Quantifying Clonal Evolution in the Human Colon**

Dr TA Graham

Queen Mary University of London, London, UK

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**13.00 – 14.00**

**Lunch, Trade Exhibition and Poster Viewing**

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**14.00 – 17.00**

**Conference Theatre**

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**14.00–14.15**

**[O11]** How Close are we to Standardised Extended RAS Gene Mutation Testing? The UK NEQAS Experience

- SD Richman
- R Butler
- Z Deans

*Leeds Institute of Cancer and Pathology, Leeds, UK; UK NEQAS for Molecular Genetics, Edinburgh, UK; Cardiff and Vale UHB - Medical Genetics, Cardiff, UK*
**ORAL PRESENTATIONS — 1 (continued)**

15.45–16.00

[O16] **Parietal Cell, Chief Cell Densities and Intragastric Acidity are Reduced in Healthy Volunteers with H.pylori Infection Relative to Infected Volunteers**

- MH Derakhshan1; DR Mitchell1; AA Wirz1; SA Ballantyne2; A Weir3; KEL McColl1; JG Going1
- 1University of Glasgow, Glasgow, UK; 2NHS Greater Glasgow & Clyde, Glasgow, UK

16.00–16.15

[O17] **Longitudinal Single Cell Clonal Analysis Reveals Evolutionary Stasis and Predetermined Malignant Potential in Non-Dysplastic Barrett’s Esophagus**

- P Martinez1; MR Timmer2; CT Lau3; CC Maley3; TA Graham1; KK Krishnadath2
- 1Barts Cancer Institute, London, UK; 2Amsterdam Medical Centrum, Amsterdam, Netherlands; 3Arizona State University, Phoenix, USA

16.15–16.30

[O18] **The MERCURY II Study: Prospective Validation of a Low Rectal Cancer Assessment System Using Magnetic Resonance Imaging, and Development of a Local Recurrence Risk Stratification Model**

- NJ Battersby1; P How1; BJ Moran1; S Stelzer1; NP West2; G Branagan2; J Strassburg3; P Quirke4; P Tekkis3; BG Pedersen5; A Gudgeon6
- 1Nottingham University Hospitals NHS Trust, Nottingham, UK; 2Amsterdam Medical Centrum, Amsterdam, Netherlands; 3KELCC, College of Medicine & Veterinary Medicine, University of Edinburgh, Edinburgh, UK; 4University of Leeds, Leeds, UK; 5Salisbury District Hospital, Salisbury, UK; 6University of Nottingham, School of Medicine, City Hospital Campus, Division of Cancer and Stem Cells, Nottingham, UK; 7The Royal Marsden NHS Foundation Trust, London, UK; 8Aarhus University Hospital, Aarhus, Denmark; 9Frimley Park Hospital, Frimley, UK; 10Pelican Cancer Foundation, Basingstoke, UK

**ORAL PRESENTATIONS — 2**

14.00–14.15

[O21] **Ankyrin 3 Protein may Influence DNA-Damage Response Pathways and the Immune Response in Invasive Breast Carcinoma**

- SN Sonbul1; M Pigher1; MA Aleskandarany1; AR Green1; M Diez-Rodriguez1; C Joseph1; CC Nolan1; IO Ellis1; EA Rakha1
- 1Department of Pathology, School of Medicine, University of Nottingham, Nottingham, UK

14.15–14.30

[O22] **Further Evidence to Support that Oestrogen Receptor Expression in Breast Cancer is Bimodal**

- AA Muftah1; MA Aleskandarany1; SN Sonbul1; CC Nolan1; M Diez Rodriguez1; C Caldas4; IO Ellis1; AR Rakha1
- 1University of Nottingham, School of Medicine, City Hospital Campus, Division of Cancer and Stem Cells, Nottingham, UK; 2Addenbrooke’s Hospital, Cambridge University Hospital NHS Foundation Trust, Cambridge, UK

14.30–14.45

[O23] **Exploring Molecular Portraits Defining Low Grade in Breast Cancer**

- A Mukherjee1; R Russell3; OM Rueda2; S Hamarsheh1; C Caldas4; E Provenzano2; IO Ellis1
- 1Leeds Institute of Cancer and Pathology, Leeds, UK; 2Department of Pathology, University of Cambridge, Addenbrooke’s Hospital, Cambridge, UK; 3CRUK Cambridge Research Institute, Cambridge, UK; 4CRUK Cambridge Research Institute, Addenbrooke’s Hospital, Cambridge, UK; 5Addenbrooke’s Hospital, Cambridge University Hospital NHS Foundation Trust, Cambridge, UK

14.45–15.00

[O24] **Nostrin as a Marker Related to Low Grade and Better Prognosis in Breast Cancer**

- S Hamarsheh1; M Craze1; C Joseph1; E Provenzano2; R Russell3; C Caldas4; AR Green1; E Rakha3; IO Ellis3; A Mukherjee5
- 1Department of Histopathology, Nottingham University Hospitals NHS Trust, Nottingham, UK; 2CRUK Cambridge Research Institute, Cambridge, UK; 3Department of Histopathology, School of Medicine, University of Nottingham, Nottingham, UK; 4CRUK Cambridge Research Institute, Addenbrooke’s Hospital, Cambridge, UK; 5Addenbrooke’s Hospital, Cambridge University Hospital NHS Foundation Trust, Cambridge, UK

15.00–15.15

[O25] **Phenotypic and Immunophenotypic Characterisation of Recurrent Breast Cancer**

- DY Al-Bazz1; MA Aleskandarany1; CC Nolan1; M Diez-Rodriguez1; IO Ellis1; EA Rakha1; AR Green1
- 1University of Nottingham, School of Medicine, City Hospital Campus, Division of Cancer and Stem Cells, Nottingham, UK

15.15–15.45 **REFRESHMENTS and TRADE EXHIBITION** (Banqueting Suite)
ORAL PRESENTATIONS — 2 (continued)

15.45–16.00 [O26] Research Studies and Level of Diagnostic Concordance in Breast Pathology: Lessons from the UK EQA Scheme
P RA Rakha1; MAM Ahmed2; AH Lee2; Z Hodi3; MA Aleksandaranaya1; D Coleman1; RA Bennett1; C Hawkes1; EO Ellis1
1Division of Cancer and Stem Cells, School of Medicine, The University of Nottingham, Department of Histopathology, Nottingham, UK; 2Department of Histopathology, Nottingham University Hospitals, City Hospital Campus, Hucknall Road, Nottingham, UK; 3Cancer Screening Evaluation Unit, Institute of Cancer Research, Sutton, Surrey, UK; 4Nottingham University Hospitals NHS Trust, Nottingham, UK

P MA Aleksandaranaya1; R Surridge1; S Sonbul1; AE Elmouna2; IA Shanks1; E Nuglozeh1; MF Fazaludeen1; CC Nolan1; MDiez-Rodriguez1; IO Ellis1; AR Green1; EA Rakha1
1Nottingham City Hospital, Nottingham, UK; 2Molecular Diagnostics and Personalised Therapeutics Unit, University of Ha’il, Ha’il, Saudi Arabia

P SN Sonbul1; A Muhkerjee1; R Russell2; OM Rueda2; MA Aleksandaranaya1; AR Green1; CC Nolan1; MDiez-Rodriguez1; E Provenzano1; C Caldas1; IO Ellis1; EA Rakha1
1Department of Pathology, School of Medicine, University of Nottingham, Nottingham, UK; 2CRUK Cambridge Research Institute, University of Cambridge, Cambridge, UK; 3Addenbrooke’s Hospital, Cambridge Breast Unit, Cambridge University Hospital NHS Foundation Trust, Cambridge, UK

P WJ Dalleywater1; MA Alkaabi1; J White1; N Khirwadkar1; Y Mir1; E Rakha1
1Leicester Royal Infirmary, Leicester, UK; 2Nottingham University Hospitals, Nottingham, UK; 3Royal Liverpool and Broadgreen Hospitals, Liverpool, UK; 4University of Nottingham, Nottingham, UK

P DW Shipp1; RA Rakha2; I Notingher1
1University of Nottingham, Nottingham, UK; 2Nottingham University Hospitals NHS Trust, Nottingham, UK

ORAL PRESENTATIONS — 3

14.00–14.15 [O31] The Significance of Reporting Perineural Invasion in 988 Conservatively Treated Prostate Cancer Patients with Long Term Outcome
P V Parameshwaran1; BV North1; H Möller2; P Scardino3; J Cuzick1; L Beltran1; NM Berney1
1Queen Mary University of London, London, UK; 2Kings College University of London, London, UK; 3Memorial Sloan Kettering Cancer Centre, New York City, USA

14.15–14.30 [O32] Vascular Insulin-Like Growth Factor Receptor Type 2 (IGF2R) Expression is Upregulated in Malignant Tumours
P AL Trépant1; N D’haene1; J Allard2; YR Van Eycke3; C Decaestecker3; I Salmon1; P Demetter1
1Department of Pathology, Erasme University Hospital, Brussels, Belgium; 2Digital Image Analysis in Pathology (DIAPATH), CMMI, Gosselies, Belgium

P A Gutteridge1; VM Rathbone1; R Gibbons2; F Amary3; N Archard1; K Davies1; J Brown1; M Jorgensen1; M Gupta1; AM Flanagan1; T Forshev1
1University College London – Cancer Institute, London, UK; 2Royal National Orthopaedic Hospital NHS Trust (Histopathology), Stanmore, UK

P J Griffin; P Kitsanta; SK Suvarna; B Perunovic; J Bury Sheffield Teaching Hospitals NHS Foundation Trust, Sheffield, UK

15.00–15.15 [O35] Demonstration of mRNA Light Chain Restriction in Follicular Lymphomas Using Ultrasensitive In Situ Hybridisation
P A Warford; M Rahman; D Ribeiro University of Westminster, London, UK

15.15–15.45 REFRESHMENTS and TRADE EXHIBITION [Banqueting Suite]

P B Cardus; RT Colling; EJ Soilleux; A Hamblin Oxford University, Oxford, UK
14.00 – 17.00  — continued

Conference Suite 3

ORAL PRESENTATIONS — 3 (continued)

16.00–16.15  [O37] Loss of Bone Marrow Mesenchymal Stem Cells in Myeloproliferative Neoplasms as an Indicator of Niche Dysregulation
   ® E Bishop; A Mead; EJ Soilleux
   Oxford University, Oxford, UK

16.15–16.30  [O38] Ipilimumab Induced Colitis: Is the Epstein Barr Virus (EBV) Implicated?
   ® MR Pugh¹; M Morgan²; SD Dojcinov³
   ¹All Wales Lymphoma Panel - University Hospital of Wales, Cardiff, UK; ²University Hospital of Wales, Cardiff, UK

16.00–17.00  [O40] Extending the Concept of Monotypia to T-cells: Use of T Cell-specific RNA in Situ Hybridisation as a Novel Test to Distinguish Malignant (Lymphomatous) and Benign (Inflammatory) T Cell Infiltrates
   ® EJ Soilleux; M Salimi; T Hassanali; G Ogg
   Oxford University, Oxford, UK

09.00 – 17.00

Gallery 1

SYMPOSIUM
The AIDPATH Project: Her2 Automated Scoring Contest
For programme details visit: www.path.org.uk

17.00 – 18.30

Banqueting Suite

POSTER VIEWING, CHAIRMAN’S ROUNDS and REFRESHMENTS

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* P35, P49, P68, P71, P75 have been withdrawn
DETAILED PROGRAMME  Thursday 30 June 2016

07.30  Foyer
REGISTRATION and COFFEE

08.00 – 18.00  Conference Suite 4
SLIDE SEMINAR CASE COMPETITION VIEWING

08.00 – 09.00  Conference Suite 1
TRAINEES’ MEET THE EXPERTS
Gl-Sessile Serrated Lesions
Chair: Dr G Petts, Central Manchester University Hospitals NHS Foundation
Trust, Manchester, UK
Dr J Sampson, Royal Victoria Infirmary, Newcastle upon Tyne, UK

08.00–08.30  Prof GT Williams
University of Cardiff, Cardiff, UK
08.30–09.00  Dr AC Bateman
Southampton University Hospitals NHS Trust, Southampton, UK

08.55 – 12.00  Conference Theatre
SYMPOSIUM
Mechanisms of Disease: Cutting Edge Topics
Chair: Prof JS Reis-Filho, Memorial Sloan-Kettering Cancer Center,
New York, USA;
Dr A Shams-Neteri, University of Nottingham, Nottingham, UK

09.00–09.30  Circulating Tumour DNA
Prof J Shaw
University of Leicester, Leicester, UK
09.30–10.00  [S37] Cancer Immunotherapy
Prof LG Durrant
University of Nottingham, Nottingham, UK
10.00–10.30  Pros and Cons in Pathological Angiogenesis: Why Stopping Blood
Vessels Growing is Harder in Some Pathologies than Others
Prof D Bates
University of Nottingham, Nottingham, UK
10.30–11.00  REFRESHMENTS and TRADE EXHIBITION  [Banqueting Suite]

11.00–11.30  [S38] Viral Oncogenesis and Hepatocellular Carcinoma
Prof WL Irving
University of Nottingham, Nottingham, UK
11.30–12.00  Targeting DNA Repair for Personalisation of Breast Cancer Therapy
Dr M Srinivasan
University of Nottingham, Nottingham, UK

09.00 – 12.00  Conference Suite 1
SYMPOSIUM
Musculoskeletal Pathology
Chair: Prof AM Flanagan, Royal National Orthopaedic Hospital, London, UK
Dr T McCulloch, Nottingham University Hospitals NHS Trust, Nottingham, UK

09.00–09.30  [S39] GIST: An Expanding Molecular Landscape Driving a Molecular
Diagnostic Service – What is New and Relevant
® Dr P Taniere; B O’Sullivan; M Smith; F Hughes; C Swift; O Cain;
N Deshmukh
Queen Elizabeth Hospital, Birmingham, UK
09.30–10.00  [S40] Is There a Role for Genetics in the Diagnosis of
Undifferentiated Sarcomas?
Dr N Pillay
UCL Cancer Institute, London, UK
10.00–10.30  [S41] Molecular Pathology of Bone Tumours – Getting More
Accurate Diagnostic, Prognostic and Predictive Information
Dr MF Amary
RNOH, London, UK
10.30–11.00  REFRESHMENTS and TRADE EXHIBITION  [Banqueting Suite]
11.00–11.30  [S42] Stem Cells and Lineage Commitment in Bone Tumours
Dr AE Grigoriadis
King’s College London, London, UK
11.30–12.00  [S43] The Expanding Family of Ewing’s and Related Tumours
Dr F Puls
Sahlgrenska University Hospital, Gothenburg, Sweden
DETAILED PROGRAMME  Thursday 30 June 2016

\textbf{09.30 – 17.00}  Gallery 2 / 3

\textbf{BRITISH LYMPHOMA PATHOLOGY GROUP (BLPG) MEETING}

For programme details visit: \texttt{www.path.org.uk}

\textbf{08.25 – 12.30}  Conference Suite 2

\textbf{SYMPOSIUM}

\textit{Renal Pathology}

Chair: Prof ISD Roberts, John Radcliffe University Hospital, Oxford, UK
Prof M Sheaff, Barts and the London NHS Trust, London, UK

08.30–08.42 \textit{I learned something new from that case}
Dr C Roufosse
Imperial College London, London, UK

08.42–08.54 \textit{I learned something new from that case}
Dr NS Brearley
Queen Alexander Hospital, Portsmouth, UK

08.54–09.06 \textit{I learned something new from that case}
Dr K Wood
Newcastle University, Newcastle upon Tyne, UK

09.06–09.18 \textit{I learned something new from that case}
Dr R Perera
Guys and St Thomas’s Hospital, London, UK

09.18–09.30 \textit{Clinical Value of Subclassification of Focal Segmental Glomerulosclerosis in IgA Nephropathy}
SS Bellur\textsuperscript{1}; F Lepeytre\textsuperscript{2}; O Vorobyeva\textsuperscript{1}; S Troyanov\textsuperscript{3}; HT Cook\textsuperscript{4};
\textsuperscript{1}\textsuperscript{\textcopyright} Prof ISD Roberts\textsuperscript{3}
\textsuperscript{1}Oxford University Hospitals, Oxford, UK;
\textsuperscript{2}Hôpital du Sacré-Cœur de Montréal, Montréal, Canada; \textsuperscript{3}Imperial College, London, UK

09.30–10.00 \textit{Autosomal Dominant Tubulointerstitial Kidney Disease}
Prof HT Cook
Imperial College London, London, UK

10.00–10.30 \textit{Banff 2015 Report}
Dr C Roufosse
Imperial College London, London, UK

10.30–10.50 \textbf{REFRESHMENTS and TRADE EXHIBITION}  [Banqueting Suite]

10.50–11.10 \textbf{RCPath / Renal Registry Issues}
Prof M Sheaff
Barts Health NHS Trust, London, UK

\textbf{12.00 – 13.00}  Atrium

\textbf{TRAINEES’ NETWORKING LUNCH}

\textbf{12.00 – 14.00}  Banqueting Suite

\textbf{LUNCH, TRADE EXHIBITION and POSTER VIEWING}

\textbf{13.00 – 14.00}  Gallery 1

\textbf{THE PATHOLOGICAL SOCIETY OF GREAT BRITAIN & IRELAND ANNUAL GENERAL MEETING}

(Agendas will be sent to Members)

\textbf{13.30 – 16.00}  Conference Suite 2

\textbf{ASSOCIATION OF CLINICAL ELECTRON MICROSCOPISTS (ACEM) MEETING}

For programme details visit: \texttt{www.path.org.uk}

\textbf{14.00 – 16.30}  Conference Theatre

\textbf{PLENARY ORAL PRESENTATIONS}

Chair: Prof AM Flanagan, London, UK
Prof ISD Roberts, Oxford, UK

14.00–14.15 \textit{Molecular Mediators of Mammographic Density}
\textsuperscript{\textcopyright} A Ironside; J Gomm; L Haywood; I Goulding; J Wang; A Guerra; C Chelala; JL Jones
Barts Cancer Institute, London, UK
PLENARY ORAL PRESENTATIONS (continued)

14.15–14.30  [PL2] Exome Sequencing Identifies MSS51 Mitochondrial Translational Activator as a Putative Metastasis Associated Gene in Invasive Breast Carcinoma
   MA Aleskandarany1; P M Diez-Rodriguez1; E Nuglozeh1; A Elmouna2; MF Fazaludeen3; I Ashankyty4; S mian2; CC Nolan1; IO Ellis1; AR Green1; EA Rakha1
   1Nottingham City Hospital, Nottingham, UK; 2Molecular Diagnostics and Personalised Therapeutics Unit, University of Ha’il, Ha’il, Saudi Arabia

14.30–14.45  [PL3] Histological and Genomic Markers of the Switch from In Situ to Invasive Behaviour in Early Lung Adenocarcinoma
   P DA Moore1; A Crate1; G Wilson2; JPC Le Quesne1
   1University of Leicester, Leicester, UK; 2Crick Institute, London, UK

14.45–15.00  [PL4] UCA1 Overexpression is a New Independent Prognostic Marker in Bladder Cancer Associated with Increased Patient Survival
   P L Lebrun1; D Milowich1; M Le Mercier1; J Allard2; YR Van Eycke2; T Roumeugeure1; C Decaestecker1; I Salmon1; S Rorive1
   1Department of Pathology, Erasme University Hospital, Université Libre de Bruxelles (ULB), Brussels, Belgium; 2DIAPath, Center for Microscopy and Molecular Imaging (CMMI), Académie Universitaire Wallonie-Bruxelles, Gosselies, Belgium; 3Department of Urology, Erasme University Hospital, Université libre de Bruxelles (ULB), Brussels, Belgium; 4Laboratories of Image, Signal processing and Acoustics (LISA), Brussels School of Engineering/Ecole Polytechnique de Bruxelles, Brussels, Belgium

15.00–15.30  REFRESHMENTS and TRADE EXHIBITION  [Banqueting Suite]

15.30–15.45  [PL5] Algorithm for Assessment and Prognostic Significance of MYC and BCL2 Expression and Rearrangements in Diffuse Large B-cell Lymphoma (DLBCL) — All Wales Lymphoma Panel Study
   P MR Pugh; A Joshi; RL Attanoos; SD Dojcino
   All Wales Lymphoma Panel, University Hospital of Wales, Cardiff, UK

15.45–16.00  [PL6] Investigating the Mechanisms Underlying Oligodendrocyte Dysfunction in C9ORF72 ALS
   P A Lorente Pons; PJ Shaw; PG Ince; J Cooper-Knock; A Ramachandran; J Kirby; JR Highley; JD Wood
   Sheffield Institute for Translational Neuroscience (SiTraN), Sheffield, UK

16.00–16.15  [PL7] Cten Knockout Using CRISPR/Cas9 Abrogates Cell Migration and Invasion in Colorectal Cancer Cell Lines
   P H Thorpe; A Asiri; H Otifi; M Ilyas
   University of Nottingham, Nottingham, UK
REGISTRATION and COFFEE

UK CARDIAC PATHOLOGY NETWORK MEETING
For programme details visit: www.path.org.uk

BRITISH LYMPHOMA PATHOLOGY GROUP (BLPG) MEETING
For programme details visit: www.path.org.uk

TRAINEES’ SLIDE SEMINAR DISCUSSION
Chair: Dr NM Orsi, St James’s University Hospital, Leeds, UK
Dr E Short, Cardiff University, Cardiff, UK

Case 1
Dr K Moutasim
University of Southampton, Southampton, UK

Case 2
Dr K Allen
Leeds Teaching Hospitals NHS Trust, Leeds, UK

Case 3
Dr M Clarke
Brighton Healthcare NHS Trust, Royal Sussex County Hospital, Brighton, UK

Case 4
Dr O Dotsenko
Royal Hallamshire Hospital, Sheffield, UK

Case 5
Dr G Petts
Central Manchester University Hospitals NHS Foundation Trust, Royal Manchester Children’s Hospital, Manchester, UK

Case 6
Dr J Sampson
Royal Victoria Infirmary, Newcastle upon Tyne, UK

The Royal College of Pathologists
Pathology: the science behind the cure

SYMPOSIUM — In association with the Royal College of Pathologists
Molecular Pathology: Transformative Technologies
Chair: Prof M Ilyas, University of Nottingham, Nottingham UK
Prof W Irving, University of Nottingham, Nottingham UK

10.00–10.30 [S45] The Pathologist and the 100K Genome Project
Dr M Jimenez-Linan
Cambridge University Hospital, Cambridge, UK

10.30–11.00 [S46] Principles of Next Generation Sequencing
Dr A Sharif
East Midlands Regional Molecular Genetics Laboratory, Nottingham, UK

11.00–11.30 REFRESHMENTS [Atrium]

11.30–12.00 [S47] Next Generation Sequencing — Applications
Dr XM Fernandez
Thermo Fisher Scientific, Paisley, UK

12.00–12.30 [S48] SMRT® Technology – A Paradigm Shift in Sequencing
Dr S Picton
Pacific Biosciences, Menlo Park, USA

12.30–13.30 LUNCH [Atrium]

13.30–14.00 Imaging Mass Spectrometry
Prof Z Takats
Imperial College London, London, UK

14.00–14.30 [S49] The Use of Proteomics in Diagnostics: Liver Fibrosis Biomarkers
® Dr B Gangadharan; A Kumar; E Barnes; P Klenerman; RA Dwek; N Zitzmann
University of Oxford, Oxford, UK
SYMPOSIUM — In association with the Royal College of Pathologists
Molecular Pathology: Transformative Technologies
(continued)

14.30–15.00  
**Breathomics – the New Molecular Pathology?**
Prof PS Monks
University of Leicester, Leicester, UK

15.00–15.30  
REFRESHMENTS  [Atrium]

15.30–16.00  
**Early Cancer Detection using Tumour Specific Autoantibodies: the Signal has been there all along**
Prof H Sewell
University of Nottingham, Nottingham, UK

16.00–16.30  
**[S50] Metabolomics: Shedding Light on Human Health and Diseases**
J Wood¹; A Lourdusamy¹; J Ward¹; D Barrett²; R Rahman¹; ② Dr DH Kim²
¹Children’s Brain Tumour Research Centre, School of Medicine, University of Nottingham, Nottingham, UK; ²Centre for Analytical Bioscience, School of Pharmacy, University of Nottingham, Nottingham, UK

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