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
CONTENTS

Programme Overview ........................................................................................................ 2
Scientific Sessions Information ............................................................................................ 10
CPD .................................................................................................................................... 13
Fees and Registration .......................................................................................................... 14
General Arrangements ......................................................................................................... 16
Future Meetings .................................................................................................................. 18
Trade Exhibition / Sponsors ................................................................................................. 19
Detailed Programme

Tuesday 28 June .................................................................................................................... 22
  The AIDPATH Project – Advances in Digital Pathology *

Wednesday 29 June .............................................................................................................. 32
  The AIDPATH Project – Her2 Automated Scoring Contest *

Thursday 30 June .................................................................................................................. 42
  Association of Clinical Electron Microscopists *
  British Lymphoma Pathology Group (BLPG) *
  Renal EQA
  Renal Transplant EQA

Friday 1 July .......................................................................................................................... 48
  British Lymphoma Pathology Group (BLPG) *
  UK Cardiac Pathology Network *

Abstract Reviewers .............................................................................................................. 51
Index of Presenters and Abstract Numbers .......................................................................... 52

* Visit www.path.org.uk for programme details.

Refer to www.path.org.uk for Abstract Listings:
  • Invited Speakers  • Plenary Oral and Oral  • Posters

Programme acknowledgements
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and The Pathological Society of Great Britain & Ireland

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Lower two pictures ............................................. Experience Nottinghamshire

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<table>
<thead>
<tr>
<th>Time</th>
<th>Location</th>
<th>Event</th>
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<tr>
<td>08.00–18.00</td>
<td>Conference Suite 4</td>
<td>Slide Seminar Case Competition Viewing</td>
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<td>08.50–08.55</td>
<td>Conference Theatre</td>
<td>Welcome Address</td>
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<td>Prof IO Ellis, Nottingham</td>
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<td>Conference Theatre</td>
<td>Symposium: Gynaecological Pathology</td>
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<td>Trainees' Symposium: The Pathologist in the MDT; The Surgical, Oncological, Radiological and Pathological Perspective</td>
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<tr>
<td>10.30–10.50</td>
<td>Banqueting Suite</td>
<td>Refreshments and Trade Exhibition</td>
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<td>Conference Theatre</td>
<td>BDIAP Kristin Henry Lecture: Evolution of Classifications in Lung Pathology</td>
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<td>Lunch, Trade Exhibition and Poster Viewing</td>
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<td>Symposium: Journal of Pathology: Models of Human Disease</td>
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<td>Symposium: Hepatobiliary Pathology</td>
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<td>14.00–17.00</td>
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<td>Symposium: Head and Neck Pathology</td>
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<td>Venue: Nottingham Castle</td>
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<td>Buses depart at 18.00</td>
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For programme details visit: www.path.org.uk
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<td>17.00–18.30</td>
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<td>Symposium: Breast Pathology</td>
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<td>11.20–11.50</td>
<td>Royal College of Pathologists: Neera Patel Lecture</td>
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<td>Trainees’ Networking Lunch</td>
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<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>16.45–17.30</td>
<td>Pathological Society Doniach Lecture: Looking at</td>
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<td>Breast Cancer</td>
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<td>19.00–23.00</td>
<td>Conference Dinner — including Dodgems and Musical</td>
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<td>Symposium: GI-Sessile Serrated Lesions</td>
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<td>Symposium: Musculoskeletal Pathology</td>
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<td>Association of Clinical Electron Microscopists</td>
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<td>08.25–12.30</td>
<td>Symposium: Renal Pathology</td>
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<td>09.30–17.00</td>
<td>British Lymphoma Pathology Group (BLPG) Meeting</td>
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For programme details visit: [www.path.org.uk](http://www.path.org.uk)
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<th>Time</th>
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<tr>
<td>08.00</td>
<td>Registration and Coffee</td>
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<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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<td>Refreshments</td>
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<td>08.30–10.00</td>
<td>Trainees’ Slide Seminar Discussion and Case Competition Winners</td>
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<tr>
<td>09.00–17.00</td>
<td>UK Cardiac Pathology Network Meeting</td>
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<tr>
<td>09.00–14.45</td>
<td>British Lymphoma Pathology Group (BLPG) Meeting</td>
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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.

Oral Presentations
Sessions will be held as follows:

Tuesday 28 June
14.00–17.00 [Conference Suite]

Wednesday 29 June
14.00–17.00 [Conference Theatre, Conference Suites 1 & 3]

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.

Keynote and Named Lectures [Conference Theatre]

Tuesday 28 June
12.00–13.00 Kristin Henry Lecture: Evolution of Classifications in Lung Pathology
Prof AG Nicholson, London
17.00–17.50 Public Lecture: The 100,000 Genomes Project – Transforming the NHS?
Dr T Fowler, London

Wednesday 29 June
12.00–12.45 CL Oakley Lecture: Quantifying Clonal Evolution in the Human Colon
Dr TA Graham, London

Thursday 30 June
16.45–17.30 Doniach Lecture: Looking at Breast Cancer
Prof IO Ellis, Nottingham

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**

**UNDERGRADUATE DAY**

**Tuesday 28 June**
09.00–16.50 [Gallery 2/3] Undergraduate Day

**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:

<table>
<thead>
<tr>
<th>Day</th>
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<tr>
<td>Tuesday 28 June</td>
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<td>Friday 1 July</td>
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*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

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<th>Delegate Type</th>
<th>Fee Categories</th>
<th>Per Day or Part Day</th>
<th>Conference Dinner</th>
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<tbody>
<tr>
<td>BDIAP or Pathological Society Member</td>
<td>Ordinary Member, Consultant and/or equivalent position</td>
<td>£ 115</td>
<td>£ 60</td>
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<tr>
<td>BDIAP or Pathological Society Concessionary Member</td>
<td>Biomedical Scientist; Honorary or Senior Member; PhD Student; Post-Doctoral Fellow, Technician and Trainee</td>
<td>£ 38</td>
<td>£ 60</td>
</tr>
<tr>
<td>Pathological Society Undergraduate Student Member</td>
<td>Undergraduate Student</td>
<td>Free</td>
<td>£ 30</td>
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<tr>
<td>Non-Member</td>
<td>Consultant and/or equivalent position</td>
<td>£ 165</td>
<td>£ 60</td>
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<tr>
<td>Non-Member Concessionary</td>
<td>Biomedical Scientist; PhD Student; Post-Doctoral Fellow, Technician and Trainee</td>
<td>£ 53</td>
<td>£ 60</td>
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<tr>
<td>Non-Member Undergraduate Student</td>
<td>Undergraduate Student</td>
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<td>BDIAP or Pathological Society Member</td>
<td>Ordinary Member, Consultant and/or equivalent position</td>
<td>£ 170</td>
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<tr>
<td>BDIAP or Pathological Society Concessionary Member</td>
<td>Biomedical Scientist; Honorary or Senior Member; PhD Student; Post-Doctoral Fellow, Technician and Trainee</td>
<td>£ 60</td>
<td>£ 80</td>
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<tr>
<td>Pathological Society Undergraduate Student Member</td>
<td>Undergraduate Student</td>
<td>Free</td>
<td>£ 30</td>
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<tr>
<td>Non-Member</td>
<td>Consultant and/or equivalent position</td>
<td>£ 250</td>
<td>£ 80</td>
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<tr>
<td>Non-Member Concessionary</td>
<td>Biomedical Scientist; PhD Student; Post-Doctoral Fellow, Technician and Trainee</td>
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<tr>
<td>Non-Member Undergraduate Student</td>
<td>Undergraduate Student</td>
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REGISTRATION
Registration is **online only** via: [www.path.org.uk](http://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.
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
18.30–20.30 [Nottingham Castle] Welcome Reception and Optional Cave Tour. 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

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

16 Nottingham Pathology 2016

17 Nottingham Pathology 2016
FUTURE MEETINGS

British Division of the IAP
2016  25–30 September, Cologne
     Joint IAP / ESP Congress
2016  2–3 December, London
     Upper Gastrointestinal 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

GENERAL ARRANGEMENTS

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 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 NEWCASTLE MOLECULAR PATHOLOGY NODE

The Newcastle Molecular Pathology Node is an exciting partnership between Newcastle University and Newcastle Upon Tyne Hospitals (NUTH) and the NHS Foundation Trust which aims to drive advances in Molecular Pathology and bring research back into the heart of pathology laboratories. Funded by the Medical Research Council (MRC) and Engineering and Physical Sciences Research Council (EPSRC), the Newcastle Molecular Pathology Node has been established to address key challenges currently facing Molecular Pathology in order to support the development of stratified medicine in the UK.

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08.00
REGISTRATION and COFFEE
Foyer

08.00 – 18.00
SLIDE SEMINAR CASE COMPETITION VIEWING
Conference Suite 4

08.50 – 08.55
WELCOME ADDRESS
Conference Theatre
Prof IO Ellis
University of Nottingham, Nottingham, UK

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 Russell1; A D’Amato1; A Gentry-Maharaj2; A Ryan2; J Kalsi3; U Menon1; I Jacobs3;
P Dr RLJ Graham1
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

10.30–11.00
REFRESHMENTS and TRADE EXHIBITION  [Banqueting Suite]

11.00–11.25
[S3] Cervical Neoplasia: Mechanisms of Disease Progression, Biomarkers and Therapeutic Targets
Prof J Doorbar
University of Cambridge, Cambridge, UK

11.25–11.50
[S4] Molecular Pathology of Endometrial Cancer
Prof MJ Arends
University of Edinburgh, Edinburgh, UK

08.55 – 11.50
SYMPOSIUM
Pulmonary Pathology
Chair: Prof AG Nicholson, Royal Brompton Hospital, London
Dr I Soomro, empath Cellular Pathology Services, Nottingham

09.00–09.15
Introduction
Prof AG Nicholson
Royal Brompton Hospital, London, UK

09.15–09.45
Targeting the Genetic Pathology of Lung Cancer: Where we are and where we are going?
Dr JPC LeQuesne
University of Leicester, Leicester, UK

09.45–10.15
[S5] Immunotherapy, Lung Cancer and Pathology
Prof KM Kerr
Aberdeen University Medical School, Aberdeen, UK

10.15–10.35
REFRESHMENTS and TRADE EXHIBITION  [Banqueting Suite]

10.35–11.05
[S6] Diagnostic Pathology of Lung Cancer in 2016: Managing the Challenge and Getting the Answers
Prof JR Gosney
Royal Liverpool University Hospital, Liverpool, UK

11.05–11.35
[S7] The LungPath Study: Variation in Lung Cancer Pathological Diagnostic Practice in England and How Quality May be Improved
Dr PJ Cane
Guy’s and St Thomas’ Hospital, London, UK

11.35–11.55
Panel Discussion and Concluding Comments
Prof AG Nicholson
Royal Brompton Hospital, London
**DETAILED PROGRAMME**

**Tuesday 28 June 2016**

### 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

08.55–11.50 [S8] **Trainees’ Symposium: The Pathologist in the MDT**  
Prof AM Hanby²; Prof D Dodwell¹; Mr K Horgan¹; Dr N Sharma¹  
¹Leeds Teaching Hospitals NHS Trust, Leeds, UK; ²Leeds Institute of Cancer and Pathology (LICAP), 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

09.00 – 12.00

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

12.00–13.00 [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

14.00–14.30 **Mouse Models of Intestinal Cancer**  
Prof O Sansom  
CRUK Beaton Institute, Glasgow, UK

C Barbara; C King; A Prentice; J Brenton; © Prof DS Charnock-Jones  
University of Cambridge, Cambridge, UK

15.00–15.30 **[S14] Engineering Large Animal Models of Human Disease**  
Prof CBA Whitelaw  
University of Edinburgh, Edinburgh, UK

15.30–15.55 **REFRESHMENTS and TRADE EXHIBITION**  
(Banqueting Suite)

Prof J Doorbar  
University of Cambridge, Cambridge, UK

Dr DJ Adams  
Wellcome Trust Sanger Institute, Hinxton, UK
**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 Ganguli2; L Franklin2; C Keeling3; H Bradley3; J Harris3; R Byers4; D Nonaka5; W Newman2; F Blackhall6

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

14.15–14.30  **[O2]** Histopathological Assessment of EBUS Specimens: The Nottingham Experience

- 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 BDIA/P IBMS Sponsored Training Workshops in Basic Histology and Immunohistochemistry in East Africa

- O Rotimi1; P Jackson1; E Vuhahula1; A Kalebi2; AJ Howat3

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

14.45–15.00  **[O4]** Remote Teaching of Histopathology Using Scanned Slides via Skype® Between the UK and Nigeria

- O Rotimi1; NO Orah1; A Shabaan1; AO Daramola1; FB Abdulkareem1

1St James’s University Teaching Hospital, Leeds, UK; 2Lagos University Teaching Hospital (L.U.T.H), Ido Araba, Nigeria; 3Queen Elizabeth Hospital, Birmingham, UK; 4Lagos University Teaching Hospital, Ido 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]
**Conference Suite 3**

**16.45–17.00**

**[O10] Radiological, Histological Features and Outcome of Classical Lobular Carcinoma In Situ with Comedo-Necrosis: A Multi-Institutional Series**

- AM Shaaban1
- N Elgeredy2
- S Sundararajan3
- Y Maurice4
- J Loane5
- A Manoharan7

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

**Conference Suite 1**

**14.00 – 17.00**

**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
Newcastle University, Newcastle upon Tyne, 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**

**[P7] Phosphorylated Activating Transcription Factor 2 is Related to Good Prognosis in Invasive Breast Cancer**

DA Jerjes; KW Cheng; T Aliyeva; L Gooding; A Amoah-Duodu; M Diez-Rodriguez; CC Nolan; IO Ellis; AR Green; EA Rakha; MA Aleskandarany
Nottingham City Hospital, Nottingham, UK

**Gallery 2 / 3**

**14.00 – 16.50**

**UNDERGRADUATE DAY**

Undergraduate Presentations and Prize Presentation
Chair: Dr RJ Byers, University of Manchester, Manchester, UK
Mr C Slater, University of Manchester, Manchester, UK

**14.00–14.05**

**Introduction**

Dr RJ Byers
University of Manchester, Manchester, UK

**14.05–14.20**

**[P7] Phosphorylated Activating Transcription Factor 2 is Related to Good Prognosis in Invasive Breast Cancer**

DA Jerjes; KW Cheng; T Aliyeva; L Gooding; A Amoah-Duodu; M Diez-Rodriguez; CC Nolan; IO Ellis; AR Green; EA Rakha; MA Aleskandarany
Nottingham City Hospital, Nottingham, UK
UNDERGRADUATE DAY

Undergraduate Presentations and Prize Presentation (continued)


© M 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

© B Sim1; S Elsheikh2
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

© D Kotecha1; DA Moore1; J Le Quesne2
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

© EL Johnstone; DA Moore; N Morone; JPC Le Quesne
University of Leicester, Leicester, UK

15.20–15.45 REFRESHMENTS and TRADE EXHIBITION

[Banqueting Suite]

15.45–15.50 2016 Pathological Society Undergraduate Essay Prize Competition Winner Presentation

Presented to Mr M Narajos, Oxford

15.50–16.05 [P47] The Use of MGMT Promoter Methylation Testing in the Management of High-Grade Glioma in South-East Scotland

© K Rakovic1; K Walsh1; A Torgersen2; A Oniscu1
1Royal Infirmary of Edinburgh, Edinburgh, UK; 2Western General Hospital, Edinburgh, UK

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

© K Donovan; EJ Soilleux
Oxford University, Oxford, UK

16.20–16.35 [P83] Expression of PD-1 and CTLA-4 Ligands in Invasive Bladder Cancer Mouse Models

© M Allam1; NF Ismail1; R Lightbody1; S Fraser2; OJ Sansom1; T Iwata1
1School of Medicine, University of Glasgow, Glasgow, UK; 2Department of Pathology, Queen Elizabeth University Hospital, Glasgow, UK

16.35–16.50 [P105] Determination of Histological Predictive Parameters for MYC Rearrangement in Diffuse Large B-cell Lymphoma

© 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

Conference Theatre

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

Conference Suite 3

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
Nottingham University Hospitals, 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

Contribution of Molecular Techniques to Understanding the Biology of Uncommon Breast Lesions
Prof JS Reis-Filho
Memorial Sloan Kettering Cancer Center, New York, USA
14.00 – 17.00 Conference Theatre

**ORAL PRESENTATIONS — 1**

**Gastrointestinal; Technical Advances**
Chair: Prof P Quirke, Leeds, UK
Prof HI Grabsch, Maastricht, Netherlands

14.00–14.15 [O11] **How Close are we to Standardised Extended RAS Gene Mutation Testing? The UK NEQAS Experience**

- SD Richman¹; R Fairley²; R Butler³; Z Deans²
- ¹Leeds Institute of Cancer and Pathology, Leeds, UK; ²UK NEQAS for Molecular Genetics, Edinburgh, UK; ³Cardiff and Vale UHB - Medical Genetics, Cardiff, UK

14.15–14.30 [O12] **Characterisation of Arachidonic Acid Metabolising Enzymes in Colorectal Cancer**

- PA Alnabulsi¹; R Swan¹; B Cash²; A Alnabulsi²; GI Murray¹
- ¹University of Aberdeen, Aberdeen, UK; ²Vertebrate Antibodies, Aberdeen, UK

14.30–14.45 [O13] **Comparative Analysis of Primary Tumour and Matched Metastasis in Colorectal Cancer Patients; Investigate Genomic, Transcription and Translational Profiles**

- OH Negm¹; HH Karim³; K Manger²; J Hassall¹; W Fadhil¹; PJ Tighe³; M Ilyas¹
- ¹University of Nottingham, Nottingham, UK; ²Nottingham University Hospitals NHS Trust, Nottingham, UK; ³School of Life Sciences, University of Nottingham, Nottingham, UK

14.45–15.00 [O14] **ADAM-17/FHL2 Colocalisation Suggests Interaction and Role of These Proteins in Colorectal Cancer**

- L Verset¹; J Tommelen³; C Decaestecker³; I Salmon¹; O De Wever³; P Demetter¹
- ¹Department of Pathology, Erasme University Hospital, Brussels, Belgium; ²Department of Radiation Oncology and Experimental Cancer Research, UGent, Ghent, Belgium; ³Digital Image Analysis in Pathology (DIAPATH), CMM, Gosselies, Belgium

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 West¹; DG Jayne¹; A Pigazzi²; H Marshall³; J Croft¹; N Corrigan¹; J Copeland¹; T Rautio³; N Thomassen⁴; H Tilney¹; M Gudgeon⁴; P Bianchi⁴; JM Brown⁴; P Quirke¹
- ¹University of Leeds, Leeds, UK; ²University of California, Irvine, United States; ³Oulu University Hospital, Oulu, Finland; ⁴Aarhus University Hospital, Aarhus, Denmark; ⁵Frimley Park Hospital, Frimley, UK; ⁶Ospedale La Misericordia, Grosseto, Italy
ORAL PRESENTATIONS — 1 (continued)

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

*P* MH Derakhshan1; DR Mitchell1; AA Wirz1; SA Ballantyne2; A Weir3; KEL McColl1; J Goig1

1University of Glasgow, Glasgow, UK; 2NHS Greater Glasgow & Clyde, Glasgow, UK

14.55–16.00

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

*P* P Martinez1; MR Timmer2; CT Lau3; CC Maley3; TA Graham1; KK Krishnadath1

1Barts Cancer Institute, London, UK; 2Amsterdam Medical Centrum, Amsterdam, Netherlands; 3Arizona State University, Phoenix, USA

16.00–16.15

**[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; PJ How1; BJ Moran1; S Stelzner2; NP West3; G Branagan4; J Strassburg5; P Quirke1; P Tekkis6; A Gudgeon9; RJ Heald10; G Brown11

1University 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; 6Vivantes im Friedrichshain, Berlin, Germany; 7The Royal Marsden NHS Foundation Trust, London, UK; 8Aarhus University Hospital, Aarhus, Denmark; 9Frimley Park Hospital, Frimley, UK; 10Pelican Cancer Foundation, Basingstoke, UK; 11The Royal Marsden Hospital, Sutton, UK

16.15–16.30

**[O19]** Exploring the Suitability and Stability of Guaiac Faecal Occult Blood Test Cards to Isolate Microbial DNA for 16srRNA Sequencing

*P* M Taylor1; HM Wood2; S Halloran2; P Quirke1

1Leeds Institute of Cancer and Pathology, Leeds, UK; 2University of Surrey, Guildford, UK

16.30–16.45

**[O20]** Digital Microscopy is Non-inferior to Optical Microscopy in the Diagnosis of Dysplasia in Barrett's Oesophagus: A Validation Study

*P* C Marchessoux1; PV Kaye2; A Mukherjee2; S Paine2; A Haider2; M Ilyas3

1Barco, Kortrijk, Belgium; 2Nottingham University Hospitals, Nottingham, UK; 3University of Nottingham, Nottingham, UK

16.00–17.00

ORAL PRESENTATIONS — 2

**Breast; Technical Advances**

Chair: Prof LJ Jones, London, UK

Prof SE Pinder, London, UK

14.00–14.15

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

SN Sonbul; M Pigera; A Mukherjee; MA Aleksandarany; AR Green; M Diez-Rodriguez; C Joseph; CC Nolan; IO Ellis; EA Rakha

Department 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 Mufthah; MA Aleksandarany; SN Sonbul; CC Nolan; M Diez Rodriguez; C Caldas; IO Ellis; AR Rakha

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 Russell2; OM Rueda3; S Hamarsheh1; C Caldas4; E Provenzano3; IO Ellis1

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

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 Provenzano3; R Russell3; C Caldas4; AR Green3; E Rakha3; IO Ellis3; A Mukherjee3

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

15.00–15.15

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

DY Al-Bazz; MA Aleksandarany; CC Nolan; M Diez-Rodriguez; IO Ellis; EA Rakha; AR Green

University of Nottingham, Nottingham, UK

15.15–15.45

REFRESHMENTS and TRADE EXHIBITION (Banqueting Suite)
**DETAILED PROGRAMME**

**Wednesday 29 June 2016**

### 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  
EA Rakha1; MAH Ahmed1; AH Lee2; Z Hodi2; M Aleskandarany1; D Coleman3; RA Bennett4; 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 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

16.00–16.15  
[O27] Expression of CUL4A in invasive Breast Cancer: a Biomarker of Good Prognosis Related to Tumour Differentiation  
MA Aleskandarany1; R Surridge1; S Sonbul1; A Elmouna2  
1Nottingham City Hospital, Nottingham, UK; 2Molecular Diagnostics and Personalised Therapeutics Unit, University of Ha’il, Ha’il, Saudi Arabia

16.15–16.30  
[O28] Multiple Coagulation Factor Deficiency Protein-2 (MCFD2) as a Potential Prognostic Germ Cell Marker in Invasive Breast Carcinoma: a Transcriptome-Driven Study  
SN Sonbul1; A Mukherjee1; R Russell2; OM Rueda3  
1Nottingham City Hospital, Nottingham, UK; 2Molecular Diagnostics and Personalised Therapeutics Unit, University of Ha’il, Ha’il, Saudi Arabia; 3Erasme University Hospital, Brussels, Belgium

16.30–16.45  
[O29] Diagnosing Breast Fibroepithelial Lesions: How Accurate are Core Biopsy Categories in Assessing for Phyllodes Tumour and How Well do Fibroepithelial Diagnoses in Excisions Predict Their Behaviour?  
WJ Dalleywater1; MM Al-kaabi1; J White3; N Khirwadkar1; Y Mir3; E Rakha4  
1Leicester Royal Infirmary, Leicester, UK; 2Nottingham University Hospitals, Nottingham, UK; 3Royal Liverpool and Broadgreen Hospitals, Liverpool, UK; 4University of Nottingham, Nottingham, UK

16.00–17.00  
[O30] Intra-Operative Assessment of Sentinel Lymph Nodes by Selective-Scanning Raman Spectroscopy  
EW Shipp1; EA Rakha2; I Notingher1  
1University of Nottingham, Nottingham, UK; 2Nottingham University Hospitals NHS Trust, Nottingham, UK

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**DETAILED PROGRAMME**

**Wednesday 29 June 2016**

### 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  
V Parameshwaran1; BV North1; H Møller2; P Scardino3; J Cuzick1; L Beltran4; DM Berney1  
1Queen Mary University of London, London, UK; 2Kings College University of London, London, UK; 3Memorial Sloan Kettering Cancer Centre, New York, USA; 4Nottingham University Hospitals NHS Trust, Nottingham, UK

14.15–14.30  
[O32] Vascular Insulin-Like Growth Factor Receptor Type 2 (IGF2R) Expression is Upregulated in Malignant Tumours  
AL Trépant1; N D’Haene1; J Allard2; YR Van Eycke3; C Decaestecker4; I Salmon1; P Demetter1  
1Department of Pathology, Erasme University Hospital, Brussels, Belgium; 2Digital Image Analysis in Pathology (DIAPATH), CMMI, Gosselies, Belgium

14.30–14.45  
[O33] Digital PCR Analysis of Circulating Tumour DNA in a Broad Cohort of Sarcoma Patients  
A Gutteridge1; VM Rathbone1; R Gibbons2; F Amary3; N Archard4; K Davies2; J Brown1; M Jorgensen1; M Gupta1; AM Flanagan1; T Forslew1  
1University College London – Cancer Institute, London, UK; 2Royal National Orthopaedic Hospital NHS Trust (Histopathology), Stanmore, UK

14.45–15.00  
[O34] Breaking the Ice: Digital Pathology for Remote Frozen Section Diagnosis — A Two-Year, Single-Centre Experience of 267 Cases  
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 Ultrasonasensitve In Situ Hybridisation  
A Warford; M Rahman; D Ribeiro  
University of Westminster, London, UK

15.15–15.45  
**REFRESHMENTS and TRADE EXHIBITION** (Banqueting Suite)

15.45–16.00  
B Cardus; RT COLLING; EJ SOILLEUX; A HAMBLY  
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


- D Kluczna; S Jayne; M Vogler; MJS Dyer; S Macip
- University of Leicester, Leicester, 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

**SYMPOSIUM**

*The AIDPATH Project: Her2 Automated Scoring Contest*

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

**GROUP – CATEGORY** | **POSTER NUMBER** | **CHAIR**
---|---|---
1 – Autopsy / Forensic | P1 – P4 | Dr EW Benbow, Manchester; Prof ISD Roberts, Oxford
2 – Breast | P5 – P27 | Prof AM Hanby, Leeds; Prof E Rakha, Nottingham
3 – Cardiovascular / Pulmonary | P28 – P34 | Dr I Soomro, Nottingham
4 – Cellular / Molecular Experimental Tumour Pathology | P36 – P48 P50 – P53 * | Prof AM Flanagan, London; Prof M Ilyas, Nottingham
5 – Education and Audit | P54 – P58 | Prof SS Cross, Sheffield
6 – Endocrine Head and Neck | P59 – P63 P64 – P67 | Prof G Thomas, Southhampton; Dr M Khan, Nottingham
7 – Gastrointestinal | P69 – P82 * | Prof RFT McMahon, Manchester; Dr AM Zaitoun, Nottingham
8 – Genitourinary Renal | P83 – P89 P90 – P91 | Prof DM Berney, London; Prof S Fleming, Dundee
9 – Gynaecological | P92 – P102 | Prof MJ Arndts, Edinburgh; Prof CS Herrington, Edinburgh
10 – Haematopathology | P103 – P106 | Dr RJ Byers, Manchester; Dr EJ Soilleux, Oxford
11 – Hepatobiliary / Pancreas | P107 – P112 | Prof KP West, Leicester
12 – Neuropathology / Ophthalmic | P113 – P114 | Dr S Paine, Nottingham
13 – Osteoarticular / Soft Tissue Skin | P115 – P116 P117 – P125 | Dr MF Amary, London; Prof AJ Freemont, Manchester
14 – Technical Advances | P126 – P130 | Prof GI Murray, Aberdeen

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

#### Conference Suite 4

**07.30**
REGISTRATION and COFFEE

**08.00 – 18.00**
SLIDE SEMINAR CASE COMPETITION VIEWING

**08.00 – 09.00**
Conference Suite 1

**08.55 – 12.00**
Conference Theatre

**10.30 – 10.30**
**REFRESHMENTS and TRADE EXHIBITION** (Banqueting Suite)

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#### Conference Suite 1

**09.00 – 09.30**
**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**
**[S41] Molecular Pathology of Bone Tumours – Getting More Accurate Diagnostic, Prognostic and Predictive Information**
Dr MF Amary
RNOH, London, UK

**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

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#### Conference Theatre

**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
DETAILED PROGRAMME  Thursday 30 June 2016

Thursday 30 June 2016

08.25 – 12.30
Conference Suite 2

SYMPOSIUM
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
I learned something new from that case
Dr C Roufosse
Imperial College London, London, UK

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

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

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

09.18–09.30
[O41] Clinical Value of Subclassification of Focal Segmental Glomerulosclerosis in IgA Nephropathy
SS Bellur1; F Lepeytre2; O Vorobyeva3; S Troyanov3; HT Cook5; P Prof ISD Roberts3
1Oxford University Hospitals, Oxford, UK; 2Hôpital du Sacré-Cœur de Montréal, Montréal, Canada; 3Imperial College, London, UK

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

10.00–10.30
Banff 2015 Report
Dr C Roufosse
Imperial College London, London, UK

10.30–10.50
REFRESHMENTS and TRADE EXHIBITION
(Banqueting Suite)

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

11.10–12.00
Renal EQA
Prof ISD Roberts
John Radcliffe Hospital, Oxford, UK

12.00–12.30
Renal Transplant EQA
Dr D Neil
Queen Elizabeth Hospital, Birmingham, UK

12.00 – 13.00
Atrium
TRAINEES’ NETWORKING LUNCH

12.00 – 14.00
Banqueting Suite
LUNCH, TRADE EXHIBITION and POSTER VIEWING

13.00 – 14.00
Gallery 1
THE PATHOLOGICAL SOCIETY OF GREAT BRITAIN & IRELAND ANNUAL GENERAL MEETING
(Agendas will be sent to Members)

13.30 – 16.00
Conference Suite 2
ASSOCIATION OF CLINICAL ELECTRON MICROSCOPISTS (ACEM) MEETING
For programme details visit: www.path.org.uk

14.00 – 16.30
Conference Theatre
PLENARY ORAL PRESENTATIONS
Chair: Prof AM Flanagan, London, UK
Prof ISD Roberts, Oxford, UK

14.00 – 14.15
[PL1] Molecular Mediators of Mammographic Density
AR Ironside; J Gomm; L Haywood; I Goulding; J Wang; A Guerra; C Chelala; JL Jones
Barts Cancer Institute, London, UK

09.30 – 17.00
Gallery 2 / 3

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

08.25 – 12.30
Conference Suite 2

08.25 – 12.30 — continued

08.30 – 12.30
Conference Suite 2

08.30 – 12.30
Banqueting Suite

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 Nuglozeh2; A Elmouna2; MF Fazaludeen2; I Ashankyty2; S mian3; 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

14.45–15.00  [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; YM Van Eycke2; T Roumegueres; 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

15.30–15.45  [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 Dojcinov
All Wales Lymphoma Panel, University Hospital of Wales, Cardiff, 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
DETAILED PROGRAMME
Friday 1 July 2016

08.00  Foyer
REGISTRATION and COFFEE

09.00 – 17.00  Gallery 1
UK CARDIAC PATHOLOGY NETWORK MEETING
For programme details visit: www.path.org.uk

09.00 – 14.45  Gallery 2 / 3
BRITISH LYMPHOMA PATHOLOGY GROUP (BLPG) MEETING
For programme details visit: www.path.org.uk

08.30 – 10.00  Conference Suite 4
TRAINEES’ SLIDE SEMINAR DISCUSSION
Chair: Dr NM Orsi, St James’s University Hospital, Leeds, UK
Dr E Short, Cardiff University, Cardiff, UK

08.30–08.40  Case 1
Dr K Moutasim
University of Southampton, Southampton, UK

08.40–08.50  Case 2
Dr K Allen
Leeds Teaching Hospitals NHS Trust, Leeds, UK

08.50–09.00  Case 3
Dr M Clarke
Brighton Healthcare NHS Trust, Royal Sussex County Hospital, Brighton, UK

09.00–09.10  Case 4
Dr O Dotsenko
Royal Hallamshire Hospital, Sheffield, UK

09.10–09.20  Case 5
Dr G Petts
Central Manchester University Hospitals NHS Foundation Trust, Royal Manchester Children’s Hospital, Manchester, UK

09.20–09.30  Case 6
Dr J Sampson
Royal Victoria Infirmary, Newcastle upon Tyne, UK

09.30–09.40  Conference Suite 4
Case Competition Winner — Trainee
Dr R Colling, Oxford

09.55 – 16.30  Conference Suite 3
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 Kleenerman; 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; ☑ 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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**End of Conference**

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**ABSTRACT REVIEWERS**

Dr MF Amary, London  
Dr M Khan, Nottingham
Prof MJ Arends, Edinburgh  
Dr S Manek, Oxford
Dr C Bacon, Newcastle-upon-Tyne  
Dr S Martin, Nottingham
Dr EW Benbow, Manchester  
Prof RFT McMahon, Manchester
Prof DM Berney, London  
Prof GI Murray, Aberdeen
Dr T Brenn, Skin  
Prof AG Nicholson, London
Dr L Browning, Oxford  
Dr M Osborn, London
Dr L Burke, Cork  
Dr S Paine, Nottingham
Prof SS Cross, Sheffield  
Dr N Pillay, London
Dr J Dormer, Leicester  
Dr D Poller, Portsmouth
Prof M-Q Du, Cambridge  
Dr CM Quinn, Dublin
Prof RM Feakins, London  
Prof E Rakha, Nottingham
Prof S Fleming, Dundee  
Dr G Saldanha, Leicester
Prof AJ Freemont, Manchester  
Prof G Thomas, Southampton
Dr TR Helliwell, Liverpool  
Dr D Treanor, Leeds
Prof CS Herrington, Edinburgh  
Prof P van der Valk, Amsterdam
Prof S Hubscher, Birmingham  
Dr A Warren, Cambridge
Prof M Ilyas, Nottingham  
Dr KP West, Leicester
## PRESENTERS INDEX

<table>
<thead>
<tr>
<th>Name</th>
<th>Abstract Number(s)</th>
<th>Presenter's name followed by abstract number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adams, DJ</td>
<td></td>
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<tr>
<td>Ahmed, HU</td>
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<td>Ahmed, MAH</td>
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<td>Athal, GP</td>
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<td>Al-Bazz, DY</td>
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<td>Aleksandarova, MA</td>
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<td>Arbery, J</td>
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<td>Arends, MJ</td>
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<td>Charnock-Jones, DS</td>
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<td>Christopher, CO</td>
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<tr>
<td>Colling, R</td>
<td>P40, P41, P42</td>
<td></td>
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<td>Collis, SA</td>
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<tr>
<td>Cook, S</td>
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<tr>
<td>Cooke, JS</td>
<td>P19, P54, P65</td>
<td></td>
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<tr>
<td>Cooper, RA</td>
<td>P19, P54, P65</td>
<td></td>
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<tr>
<td>Craze, M</td>
<td></td>
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<tr>
<td>Dalleywater, WJ</td>
<td>O29, P85</td>
<td></td>
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<tr>
<td>Dallmann, A</td>
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<tr>
<td>Das, M</td>
<td>P45</td>
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<td>Davie, MM</td>
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<td>Davies, SE</td>
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<td>Derakhsh, MH</td>
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<td>Diez-Rodriguez, M</td>
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<td>Donovan, K</td>
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<td>Doorbar, J</td>
<td>S3, S15</td>
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<tr>
<td>Durrant, LG</td>
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<tr>
<td>Ebili, HO</td>
<td>P126, P127, P128</td>
<td></td>
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<tr>
<td>Elghobashy, M</td>
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<tr>
<td>Emmerich, M</td>
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<td>Evans, M</td>
<td>P69</td>
<td></td>
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<td>Fahmy, M</td>
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<td>Fernandez, XM</td>
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<td>Fremont, AJ</td>
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<tr>
<td>Gahaut, R</td>
<td>P22, P72, P73</td>
<td></td>
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<tr>
<td>Gangadharan, B</td>
<td></td>
<td></td>
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<tr>
<td>German, AL</td>
<td></td>
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</tr>
<tr>
<td>Gill, MS</td>
<td>P8, P9, P10</td>
<td></td>
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<td>Gosney, JR</td>
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- Abstract numbers are provided in the format of the number followed by the letter indicating a specific section or thematic area of the conference.
- The order of presentation may vary and is not necessarily indicative of the importance or relevance of the research.