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 • Renal EQA
UK Cardiac Pathology Network • UK NEQAS ICC & ISH
Cover picture credits
The publishers wish to thank the following for granting permission to use their photographs:
Top/Main picture..........................Photographer: Gerry Molumby
Lower two pictures .....................Experience Nottinghamshire
Nottingham Pathology 2016

Important Deadlines

Abstract Submission
Wednesday 9 March 2016 (midnight)

Early Bird Registration
Monday 23 May 2016 (midnight)

Advance Registration Deadline
Monday 13 June 2016 (midnight)
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>08.00</td>
<td>Registration and Coffee</td>
</tr>
<tr>
<td>08.55–11.50</td>
<td>Symposium: Gynaecological Pathology</td>
</tr>
</tbody>
</table>
| 09.00–09.30 | Dr R Graham, Manchester  
Early Detection Biomarkers for Ovarian Cancer |
| 09.30–10.00 | Dr S Nicum, Oxford  
Angiogenesis in Ovarian Cancer |
| 10.00–10.30 | Prof CS Herrington, Edinburgh  
Molecular Stratification of Valvulal Cancer and its Precursors |
| 10.30–10.50 | Refreshment Break and Trade Exhibition |
| 10.50–11.20 | Dr J Doorbar, Cambridge  
Cervical Neoplasia: Mechanisms of Disease Progression, Biomarkers and Therapeutic Targets |
| 11.20–11.50 | Prof MJ Arends, Edinburgh  
Molecular Pathology of Endometrial Cancer |
| 12.00–13.00 | Kristin Henry Lecture  
Prof AG Nicholson, London  
Evolution of Classifications in Lung Pathology |
| 13.00–14.00 | Lunch, Poster Viewing and Trade Exhibition |

<table>
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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>08.55–11.55</td>
<td>Symposium: Pulmonary Pathology</td>
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</tbody>
</table>
| 09.00–09.15 | Prof A Nicholson, London  
Introduction: Pulmonary Pathology in 2016 |
| 09.15–09.45 | Dr JPC LeQuesne, Leicester  
Targeting the Genetic Pathology of Lung Cancer: Where We Are and Where We Are Going |
| 09.45–10.15 | Prof K Kerr, Aberdeen  
Immune Checkpoint Modulation in Non-Small Cell Lung Cancer: A Paradigm Shift? |
| 10.15–10.35 | Refreshment Break and Trade Exhibition |
| 10.35–11.05 | Prof JR Gosney, Liverpool  
Diagnostic Pathology of Lung Cancer in 2016: Managing the Challenge and Getting the Answers |
| 11.05–11.35 | Dr P Cane, London  
Quality and Consistency in the Diagnostic Pathology of Lung Cancer: The LungPath Audit |
| 11.35–11.55 | Prof A Nicholson, London  
Panel Discussion and Concluding Comments |
| 09.00–12.00 | Undergraduate Day                                                     |
| 09.00–09.15 | Dr RJ Byers, Manchester  
Mr C Slater, Manchester  
Introduction |
| 09.15–09.45 | Prof P Quirke, Leeds, President, Pathological Society of GB & Ireland  
PathSoc: Reaching Out to Undergraduates |
| 09.45–10.00 | Undergraduate Sub-Committee  
How PathSoc Support Student Societies |
| 10.00–10.30 | Dr S Lishman, London, President, Royal College of Pathologists  
Undergraduates and National Pathology Week |
| 10.30–10.50 | Refreshment Break and Trade Exhibition |
| 10.50–11.10 | Dr N West, Leeds  
A Research Career in Pathology |
| 11.10–11.30 | Prof AJ Freemont, Manchester  
Molecular Pathology: From Bench to Blood Test |
| 11.30–12.00 | Prof A Nicholson, London  
Panel Discussion and Concluding Comments |

Timings, titles and speakers are subject to alteration.
### 14.00–17.00
**Symposium: Journal of Pathology – Models of Human Disease**

**14.00–14.30**
Dr O Sansom, Glasgow  
Mouse Models of Intestinal Cancer

**14.30–15.00**
Dr S Charnock-Jones, Cambridge  
Models of Endometriosis and Ovarian Clear Cell Carcinoma

**15.00–15.30**
Dr CB Whitelaw, Edinburgh  
Large Animal Models of Human Disease

**15.30–15.55**
Refreshment Break and Trade Exhibition

**15.55–16.25**
Dr CB Whitelaw, Edinburgh  
Mouse Models of Intestinal Cancer

### 14.00–17.00
**Symposium: Hepatobiliary Pathology**

**14.00–14.30**
Prof G Aithal, Nottingham  
Genetic Factors and Mechanisms underlying Drug Induced Liver Injury

**14.30–15.00**
Prof SG Hubscher, Birmingham  
Patterns of Drug-Induced Liver Injury

**15.00–15.30**
Dr S Davies, Cambridge  
Liver Disease in the Immunocompromised Patient

**15.30–15.55**
Refreshment Break and Trade Exhibition

### 14.00–17.00
**Symposium: Head and Neck Pathology**

**14.00–14.40**
Dr MC Robinson, Newcastle upon Tyne  
PREDICTR Study: Biomarkers in Oropharyngeal Squamous Cell Carcinoma

**14.40–15.20**
Prof CJLM Meijer, Amsterdam, The Netherlands  
Is it Worth Vaccinating Boys Against HPV – A Pathologist’s Perspective

**15.20–15.45**
Refreshment Break and Trade Exhibition

### 14.00–17.00
**Oral Presentations**

**14.00–14.05**
Dr R Byers, Manchester  
Introduction to the Session

**14.05–14.20**
Platform 1

**14.20–14.35**
Platform 2

**14.35–14.50**
Platform 3

**14.50–15.05**
Platform 4

**15.05–15.20**
Platform 5

**15.20–15.45**
Refreshment Break and Trade Exhibition

**15.45–16.05**
Platform 6

**16.05–16.20**
Platform 7

**16.20–16.35**
Platform 8

**16.35–16.50**
Platform 9

### 14.00–17.00
**AIDPATH Digital Pathology**

Visit [www.path.org.uk](http://www.path.org.uk) for programme details

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**17.00–17.50**
**Public Lecture**  
Title and Speaker to be announced

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**18.30–20.30**
**Welcome Reception and (Optional) Cave Tour**
Nottingham Castle  
Buses at 18.00
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<tr>
<td>08.55–11.50</td>
<td><strong>Symposium: Gastrointestinal Pathology</strong></td>
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<tr>
<td>09.00–09.30</td>
<td>Prof A Sottoriva, London</td>
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<td>09.30–10.00</td>
<td>Prof L Vermeulen, Amsterdam, The Netherlands</td>
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<td>10.00–10.30</td>
<td>Dr SA McDonald, London</td>
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<td>10.30–11.20</td>
<td>Prof HI Grabsch, Maastricht, The Netherlands</td>
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<td>11.20–11.50</td>
<td>Prof T Yao, Kyoto, Japan</td>
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<td>12.00–12.45</td>
<td>CL Oakley Lecture</td>
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<td>Lunch, Poster Viewing and Trade Exhibition</td>
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<td>08.55–11.50</td>
<td><strong>Symposium: Breast Pathology</strong></td>
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<tr>
<td>09.00–09.30</td>
<td>Dr A Lee, Nottingham</td>
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<td>09.30–10.00</td>
<td>Prof SE Pinder, London</td>
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<td>10.00–10.30</td>
<td>Dr E Rakha, Nottingham</td>
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<td>10.30–10.50</td>
<td>Refreshment Break</td>
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<td>10.50–11.20</td>
<td>Prof LJ Jones, London</td>
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<td>11.20–11.50</td>
<td>Prof JS Reis-Filho, New York, USA</td>
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<td>08.55–12.00</td>
<td><strong>Symposium: Genitourinary Pathology</strong></td>
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<td>09.00–09.30</td>
<td>Prof M Varma, Cardiff</td>
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<td>09.30–10.00</td>
<td>Prof DM Berney, London</td>
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<td>10.00–10.30</td>
<td>Dr T Walton, Nottingham</td>
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<tr>
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<td>17.00–18.30</td>
<td>Poster Viewing and Chairman's Rounds</td>
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<td>14.00–17.00</td>
<td>Oral Presentations — 2</td>
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<td>15.15–15.45</td>
<td>Refreshment Break and Trade Exhibition</td>
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<td>14.00–17.00</td>
<td>Oral Presentations — 3</td>
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<tr>
<td>15.15–15.45</td>
<td>Refreshment Break and Trade Exhibition</td>
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PRogRAmmE oVERVIE w Thursday 30 June 2016

08.00 08.00 Registration and Coffee
08.05–12.00 Symposia:
08.55–12.00 Symposium: Mechanisms of Disease – Cutting Edge Topics
09.00–09.30 Prof J Shaw, Leicester Circulating Tumour DNA
09.30–10.00 Prof L Durrant, Nottingham Cancer Immunotherapy
10.00–10.30 Prof D Bates, Nottingham Pros and Cons in Pathological Angiogenesis – Why Stopping Blood Vessels Growing is Harder in Some Pathologies than Others
10.30–11.00 Refreshment Break and Trade Exhibition
11.00–11.30 Prof W Irving, Nottingham Viral Oncogenesis and Hepatocellular Carcinoma
11.30–12.00 Dr M Srinivasan, Nottingham Targeting DNA Repair for Personalisation of Breast Cancer Therapy
12.00–12.30 Prof GT Williams, Cardiff GI-Sessile Serrated Lesions
12.30–13.00 Prof HT Cook, London Autosonal Dominant Tubulointerstitial Kidney Disease
13.00–13.30 Dr C Roufosse, London Banff 2015 Report
13.30–14.00 Refreshment Break and Trade Exhibition
14.00–14.30 Dr M Sheaff, London RC Path / Renal Registry Issues
14.30–15.00 Prof ISD Roberts, Oxford Renal EQA
15.00–15.30 Dr D Neil, Birmingham Renal Transplant EQA
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<tbody>
<tr>
<td>12.00–13.30</td>
<td>Lunch, Poster Viewing and Trade Exhibition</td>
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</tbody>
</table>
|          | 12.00–13.00 Pathological Society Annual General Meeting | ACEM (Association of Clinical Microscopists)  
Visit [www.path.org.uk](http://www.path.org.uk) for programme details |
| 14.00–17.00 | Plenary Oral Presentations | UK NEQAS ICC and ISH  
Visit [www.path.org.uk](http://www.path.org.uk) for programme details |
| 12.00–17.00 | BLPG (British Lymphoma Pathology Group) |                                                                                             |
| 17.15–18.00 | Doniach Lecture |                                                                                             |
|          | Prof IO Ellis, Nottingham  
Looking at Breast Cancer |                                                                                             |
| 19.30–23.00 | Conference Dinner |                                                                                             |
|          | with dodgems and musical entertainment provided by *Mood Indigo* |                                                                                             |
08.00
Registration and Coffee

09.55–12.30
Symposium (in association with The Royal College of Pathologists): Molecular Pathology – Transformative Technologies

10.00–10.30
Dr M Jimenez-Linan, Cambridge
The Pathologist and the 100K Genome Project

10.30–11.00
Dr A Sharif, Nottingham
Principles of Next Generation Sequencing

11.00–11.30
Refreshment Break and Trade Exhibition

11.30–12.00
Dr X Fernandez, Thermo-Fisher Scientific
Next Generation Sequencing (2): Applications

12.00–12.30
Speaker to be confirmed
Nanopore Technology

08.30–10.00
Trainee: Slide Seminar Discussion

08.30–08.40
Dr K Moutasim, Southampton
Case 1

08.40–08.50
Dr K Allen, Leeds
Case 2

08.50–09.00
Dr M Clarke, Brighton
Case 3

09.00–09.10
Dr O Dotsenko, Sheffield
Case 4

09.10–09.20
Dr G Petts, Manchester
Case 5

09.20–09.30
Dr J Sampson, Newcastle upon Tyne
Case 6

09.30–09.40
Case Competition Winner: Trainee

09.40–09.50
Case Competition Winner: Undergraduate

09.00–12.30 (14.45)
BLPG
(British Lymphoma Pathology Group)
Visit www.path.org.uk for programme details

09.00–12.30 (17.00)
UK Cardiac Pathology Network
Visit www.path.org.uk for programme details
12.30–13.30 Lunch


13.30–14.00
Prof Z Takats, London
Imaging Mass Spectrometry

14.00–14.30
Dr B Gangadharan, Oxford
The Use of Proteomics in Diagnostics: Liver Fibrosis Biomarkers

14.30–15.00
Prof PS Monks, Leicester
Breathomics – The New Molecular Pathology?

15.00–15.30
Refreshment Break

15.30–16.00
Prof H Sewell, Nottingham
Early Cancer Detection Using Tumour Specific Autoantibodies: the signal has been there all along

16.00–16.30
Dr D-H Kim, Nottingham
Metabolomics: Shedding Light on Human Health and Diseases

17.00 End of Conference
Registration is online only via: www.path.org.uk

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.

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### FEES AND REGISTRATION

#### EARLY BIRD REGISTRATION FEES
**UNTIL MIDNIGHT ON MONDAY 23 MAY 2016**

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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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</thead>
<tbody>
<tr>
<td>BDIAP or Pathological Society Member</td>
<td>Ordinary Member, Consultant and/or equivalent position</td>
<td>£115</td>
<td>£60</td>
</tr>
<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>
</tr>
<tr>
<td>Non-Member</td>
<td>Consultant and/or equivalent position</td>
<td>£165</td>
<td>£60</td>
</tr>
<tr>
<td>Non-Member Concessionary</td>
<td>Biomedical Scientist; PhD Student; Post-Doctoral Fellow, Technician and Trainee</td>
<td>£53</td>
<td>£60</td>
</tr>
<tr>
<td>Non-Member Undergraduate Student *</td>
<td>Undergraduate Student</td>
<td>£53</td>
<td>£60</td>
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* 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](https://www.rcpath.org/discover-pathology/are-you-an-undergraduate-.html)

[http://www.pathsoc.org/index.php/about/undergraduates](http://www.pathsoc.org/index.php/about/undergraduates)

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#### LATE REGISTRATION FEES
**FROM MIDNIGHT ON TUESDAY 24 MAY 2016**

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<thead>
<tr>
<th>Delegate Type</th>
<th>Fee Categories</th>
<th>Per Day or Part Day</th>
<th>Conference Dinner</th>
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</thead>
<tbody>
<tr>
<td>BDIAP or Pathological Society Member</td>
<td>Ordinary Member, Consultant and/or equivalent position</td>
<td>£170</td>
<td>£80</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>
</tr>
<tr>
<td>Pathological Society Undergraduate Student Member</td>
<td>Undergraduate Student</td>
<td>Free</td>
<td>£30</td>
</tr>
<tr>
<td>Non-Member</td>
<td>Consultant and/or equivalent position</td>
<td>£250</td>
<td>£80</td>
</tr>
<tr>
<td>Non-Member Concessionary</td>
<td>Biomedical Scientist; PhD Student; Post-Doctoral Fellow, Technician and Trainee</td>
<td>£80</td>
<td>£80</td>
</tr>
<tr>
<td>Non-Member Undergraduate Student *</td>
<td>Undergraduate Student</td>
<td>£80</td>
<td>£80</td>
</tr>
</tbody>
</table>

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**REGISTRATION**

**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).

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**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:

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[http://www.pathsoc.org/index.php/about/undergraduates](http://www.pathsoc.org/index.php/about/undergraduates)
SLIDE SEMINAR COMPETITION AND REVIEW SESSION

VIEWING
Digital slide images of all cases will be available for preview on from 09.00 on Tuesday 28 June and will be available on the website in advance of the meeting.

DISCUSSION SESSION
Friday 1 July.

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!

SUBMISSION OF ABSTRACTS – DEADLINE
Wednesday 9 March 2016 (midnight)
Abstracts must be submitted online via: www.path.org.uk

Unless otherwise instructed by the authors, all abstracts will be published in the Journal of Pathology On-line Supplement at the discretion of the Meetings Secretaries and the Editor.

Presenters must register for the meeting in advance.

TRADE EXHIBITION
There will be a Trade Exhibition at the meeting adjacent to the poster and catering areas.

TRAVELLING TO NOTTINGHAM
For travel information please visit this link: Travel information

ACCOMMODATION
Accommodation has been reserved for delegates, please visit: www.path.org.uk

INTERNET ACCESS
Wi-Fi internet access will be available for delegates at the meeting.
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.*

INSTITUTE OF BIOMEDICAL SCIENCE (IBMS)
Applications for accreditation have been submitted and this page will be updated when approval has been received.

NOTICE TO MEMBERS
Please ensure that all relevant information regarding this Meeting is passed on to any non-members who wish to participate.

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

FURTHER INFORMATION
Any further information or amendments to this programme will be posted on the meeting website: [www.path.org.uk](http://www.path.org.uk)

Please note all timings, titles and speakers are subject to alteration.

**TUESDAY 28 JUNE**
Welcome Reception. Nottingham Castle (free of charge – reserve your ticket when registering online) with optional Cave Tours (£5 per ticket).

For information on Nottingham Castle visit this link: [Nottingham Castle](http://www.nottinghamcastle.co.uk)

**THURSDAY 30 JUNE**
Conference Dinner, Banqueting Suite, East Midlands Conference Centre. Includes dodgems and musical entertainment provided by Mood Indigo. For more information see their website: [www.mood-indigo.co.uk](http://www.mood-indigo.co.uk)

Tickets are £60 (**price increases after 23 May**), £30 for undergraduates. Please reserve your ticket when registering online.

**LOCAL PLACES OF INTEREST**
For information please visit: [www.experiencenottinghamshire.com](http://www.experiencenottinghamshire.com)

ENQUIRIES
Meeting website
[www.path.org.uk](http://www.path.org.uk)

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Address  PO Box 73, Westbury-on-Trym, Bristol BS9 1RY
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E-mail  bdiap@blueyonder.co.uk

Pathological Society of Great Britain & Ireland
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Telephone  +44 (0)20 7347 5751 / 5752
E-mail  admin@pathsoc.org