WINTER MEETING
22 – 23 January 2019
Let’s Talk Precision Pathology!

2nd Joint Meeting with the Royal Society of Medicine
211th Scientific Meeting of the Pathological Society of Great Britain & Ireland

Hosted by
Prof SE Coupland,
Dept of Molecular and Clinical Cancer Medicine,
Faculty of Health and Life Sciences,
University of Liverpool

Venue
The Royal Society of Medicine,
1 Wimpole Street, Marylebone,
London W1G 0AE
**PROGRAMME OVERVIEW**

**Tuesday 22 January 2019**

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<th>Event</th>
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<td>08.30–09.25</td>
<td>pg 10 [Foyer]</td>
<td>Registration and Coffee</td>
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| 09.25–09.30 | pg 10 [Guy Whittle Auditorium] | Welcome and Introduction  
Prof SE Coupland, University of Liverpool                                                        |
| 09.30–11.10 | pg 10 [Guy Whittle Auditorium] | Symposium: Precision Pathology and its Application in the 'Day-to-Day' (Part 1)                  |
| 11.10–11.45 | pg 10 [Atrium/Cavendish Room] | Refreshments, Trade Exhibition and Poster Viewing                                                |
| 11.45–12.35 | pg 11 [Guy Whittle Auditorium] | Plenary Oral Presentations                                                                      |
| 12.35–14.00 | pg 12 [Atrium] | Lunch and Trade Exhibition                                                                       |
| 13.15–14.00 | pg 12 [Atrium/Cavendish Room] | Poster Viewing and Chairman's Rounds                                                              |
| 14.00–15.10 | pg 13 [Guy Whittle Auditorium] | Symposium: Precision Pathology and its Application in the 'Day-to-Day' (Part 2)                  |
| 15.10–15.55 | pg 13 [Atrium/Cavendish Room] | Refreshments, Trade Exhibition and Poster Viewing                                                |
| 17.25–18.05 | pg 14 [Guy Whittle Auditorium] | Pathological Society Goudie Lecture:  
Seeing Patterns – The Value of Studying Hereditary Cancer  
Dr IM Frayling, Consultant in Genetic Pathology, Cardiff                                           |
| 18.05–18.10 | pg 14 [Guy Whittle Auditorium] | Thank You and Closure of Day 1  
Prof SE Coupland, Liverpool                                                                        |
| 19.30–23.00 | pg 14 [Bunga Bunga (Italian Restaurant), Covent Garden, London] | Society Dinner – including entertainment by Beats Boutique                                         |

**Wednesday 23 January 2019**

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<td>Registration and Coffee</td>
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<td>09.00–10.40</td>
<td>pg 15 [Guy Whittle Auditorium]</td>
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<td>10.40–11.15</td>
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<td>Refreshments, Trade Exhibition and Poster Viewing</td>
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<tr>
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<td>pg 16 [Guy Whittle Auditorium]</td>
<td>Symposium: Applying Innovative Technologies to Pathology (continued)</td>
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<tr>
<td>13.10–14.00</td>
<td>pg 17 [Atrium/Cavendish Room]</td>
<td>Lunch, Trade Exhibition and Poster Viewing</td>
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<tr>
<td>14.00–15.10</td>
<td>pg 17 [Guy Whittle Auditorium]</td>
<td>Symposium: Applying Innovative Technologies to Pathology (continued)</td>
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<tr>
<td>15.10–15.30</td>
<td>pg 18 [Atrium]</td>
<td>Refreshments, Trade Exhibition and Poster Viewing</td>
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| 15.30–17.00 | pg 18 [Seminar Suite] | Networking Workshop: Career Development and Time Management  
Organised by Path Soc Trainees and Undergraduates                                      |
|          |                   | Places are limited – please book your place when registering for the meeting                   |

End of Conference
POSTERS – INFORMATION FOR PRESENTERS

A. Dimensions are A0 portrait — please do not exceed these dimensions.
B. The presenting author (or another author) 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 (except where authors have been notified that their abstract will not be published in the Journal).
C. Velcro will be supplied.
D. Scienceposters – the Society can offer a poster printing service via Scienceposters. See information on our website: www.pathsoc.org

UNDERGRADUATE NETWORKING WORKSHOP [Seminar Suite]
Organised by Path Soc Trainees and Undergraduates
Wednesday 23 January, 15.30–17.00.
Places are limited, please book your place when registering for the meeting.

CONTINUING PROFESSIONAL DEVELOPMENT (CPD)
This Meeting has been approved by the Royal College of Pathologists and The Royal Society of Medicine for the purpose of Continuing Professional Development. Credits can be accrued as follows:

Royal College of Pathologists
Full Day*
Tuesday 22 January 6 credits
Wednesday 23 January 6 credits
* The Society is not permitted to issue certificates for less than full day attendance. Delegates should use their reflective notes section of their CPD Portfolio to self-accredit if attending less than full days.

The Royal Society of Medicine
Full Day
Tuesday 22 January 6 credits
Wednesday 23 January 6 credits
The Royal Society of Medicine issues CPD Certificates and we cannot issue Certificates for less than full-day attendance.
GENERAL ARRANGEMENTS

SOCIAL ACTIVITIES – SOCIETY DINNER
Tuesday 22 January 2019, 19.30 for 20.00.
Bunga Bunga (Italian Restaurant), Covent Garden, London.
Includes entertainment by Beats Boutique.
For more details of the venue and entertainment please use the Direct Links to the right.
Ticket prices:
- Undergraduates: £ 30.00
- All other delegates (up to Mon 17 Dec 2018, 23.59 hrs UK time): £ 60.00
- All other delegates (after Tue 18 Dec 2018, 00.01 hrs UK time): £ 80.00
Please book your ticket when registering.

TRADE EXHIBITION  [Atrium]
There will be a trade exhibition adjacent to the catering and poster displays. Delegates are encouraged to visit and are requested to support the companies represented there.

PRESENTATION CHECKING AND PREVIEW
Presentation Checking and Preview will be available.

INTERNET ACCESS
Delegates will be issued with access details at the Registration Desk.

MESSAGES
During the Meeting, messages for delegates may be left at the following telephone number: +44 (0)7964 024118

REFRESHMENTS  [Atrium]
All refreshments will be served in the Atrium unless otherwise specified in the Programme.

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

COATS AND BAGS
Secure facilities will be provided for coats and bags.

DISCLAIMER
The Pathological Society of Great Britain & Ireland and The Royal Society of Medicine cannot be held responsible for any injury or loss sustained during the Meeting.
### EARLY BIRD REGISTRATION FEES
UNTIL 23.59 ON MONDAY 17 DECEMBER 2018

<table>
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<tr>
<th>Delegate Type</th>
<th>Fee Category</th>
<th>1 Day</th>
<th>2 Days</th>
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<tr>
<td>RSM Member or Path Soc Member</td>
<td>Fellow / Ordinary</td>
<td>£ 105</td>
<td>£ 192</td>
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<td>Associate / Retired Fellow</td>
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<td>Student / Undergraduate</td>
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<td>Undergraduate Delegates only</td>
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### STANDARD REGISTRATION FEES
FROM 00.01 ON TUESDAY 18 DECEMBER 2018

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<tr>
<td>Dinner (22 January)</td>
<td>All categories except Undergraduates</td>
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<td></td>
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<td>£ 30</td>
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### REGISTRATION
Registration is **online only** via: [www.rsm.ac.uk/events/ptm02](http://www.rsm.ac.uk/events/ptm02)

### ADVANCE REGISTRATION
Advance registration will close on **Wednesday 16 Jan 2019 (23.59 hrs UK time)**. After this date delegates may register on-site on arrival at the Conference.

### CANCELLATIONS
Full refunds for event bookings will be offered for cancellations made in writing up to 48 hours after payment has been received, provided there are at least four working days before the event. After 48 hours refunds will only be offered for fees over £10 and a 15% administration charge will be incurred. No refunds will be offered for cancellations made within four working days of an event. For further details please visit the RSM website, via the following URL: [https://www.rsm.ac.uk/terms-and-conditions.aspx](https://www.rsm.ac.uk/terms-and-conditions.aspx)

### 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 08.30 hrs on Tuesday 22 January 2019 and from 08.15 hrs on Wednesday 23 January 2019.

### 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 (see below):

- **Documents to be uploaded via the registration system,**
- **or emailed to:** pathology@rsm.ac.uk

### RSM CONTACT FOR REGISTRATION QUERIES
Royal Society of Medicine
Address 1 Wimpole Street, London W1G 0AE
Telephone +44 (0) 20 7290 3941
E-mail pathology@rsm.ac.uk
Website [www.rsm.ac.uk/events/ptm02](http://www.rsm.ac.uk/events/ptm02)
**DETAILED PROGRAMME**

**Tuesday 22 January 2019**

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### REGISTRATION AND COFFEE

**08.30 – 09.25**

Foyer

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### WELCOME AND INTRODUCTION

**09.25 – 09.30**

Guy Whittle Auditorium

**Prof SE Coupland**

University of Liverpool, Liverpool, UK

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### SYMPOSIUM

**09.30 – 11.10**

Guy Whittle Auditorium

**Precision Pathology and its Application in the ‘Day-to-Day’ (Part 1)**

Chair: Prof SE Coupland, University of Liverpool, Liverpool, UK

- **Prof R Huss**
  Definiens, Munich, Germany
  
- **Prof R Huss**
  Definiens, Munich, Germany

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### REFRESHMENTS, TRADE EXHIBITION AND POSTER VIEWING

**11.45 – 12.35**

Atrium / Cavendish Room

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### PLenary ORAL PRESENTATIONS

**11.45 – 12.35**

Guy Whittle Auditorium

**Chair:** Prof HI Grabsch, Maastricht University, Maastricht, NL

**Editor-in-Chief:** Journal of Pathology

**09.30 – 10.15**


**P S Sreehari; S Pillai**

NMC Healthcare, Abu Dhabi, United Arab Emirates

**10.15 – 11.00**

**[PL2] Quantifying the Clonal Expansion of Gastric Intestinal Metaplasia in vivo at Single Cell Resolution**

**W Waddingham; WCH Cross; G Metcalf; S Sekine; M Jansen**

1UCL Cancer Institute, London, UK; 2Barts Cancer Institute, London, UK; 3National Cancer Centre Hospital, Tokyo, Japan

**11.00 – 11.10**

**Open Discussion**

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**11.10 – 11.45**

Atrium / Cavendish Room

**REFRESHMENTS, TRADE EXHIBITION AND POSTER VIEWING**

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**12.05 – 12.15**

**[PL3] Angioimmunoblastic T-cell Lymphoma Contains Multiple Clonal T-cell Populations Derived from a Common Progenitor Cell Carrying TET2 Mutations**

**WQ Yao; F Wu; W Zhang; JS Thompson; SW Zhang; A Clipson; M Wang; H Liu; H Bibawi; JW Grant; P Wright; H El-Daly; L Rásó-Barnett; L Farkas; Z Gao; SS Chuang; M Ashton-Key; W Liu; MQ Du**

1Dept of Pathology, University of Cambridge, Cambridge, UK; 2West China Hospital, Sichuan University, Sichuan, China; 3Molecular Malignancy Laboratory, Addenbrooke’s Hospital, Cambridge, UK; 4Dept of Histopathology, Addenbrooke’s Hospital, Cambridge, UK; 5The Haematopathology and Oncology Diagnostic Service, Addenbrooke’s Hospital, Cambridge, UK; 6Health Science Centre, Peking University, Beijing, China; 7Dept of Pathology, Chi-Mei Medical Centre, Tainan, Taiwan; 8Dept of Cellular Pathology, Southampton University Hospitals, Southampton, UK

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**12.15 – 12.25**

**[PL4] The Molecular Landscape of Malignant Peripheral Nerve Sheath Tumour (MPNST)**

**D Lindsay; E Hookway; C Steele; P Lombard; M Gupta; F Amary; R Tirabosco; H Ye; A Strobl; N Pillay; AM Flanagan**

1Royal National Orthopaedic Hospital, London, UK; 2University College London, London, UK

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**12.25 – 12.35**

**[PL5] Relationship of BRAF Mutation Status with Clinical and Pathological Features in Primary and Metastatic Melanomas**

**K Sohail; J Potts; Y Zhang**

1North Bristol NHS Trust, Bristol, UK; 2Cheltenham General Hospital, Cheltenham, UK

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For abstracts refer to: [www.pathsoc.org](http://www.pathsoc.org) or [www.rsm.ac.uk](http://www.rsm.ac.uk)
### LUNCH AND TRADE EXHIBITION

**Atrium**

**13.15 – 14.00**

**Atrium / Cavendish Room**

### POSTER VIEWING AND CHAIRMAN’S ROUNDS

**Guy Whittle Auditorium**

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<th>GROUP – CATEGORY</th>
<th>POSTER NUMBER</th>
<th>CHAIR</th>
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<tbody>
<tr>
<td>1 – Autopsy/Forensic (3);</td>
<td>P1–P9 *</td>
<td>Dr EW Benbow, Manchester; Dr M Osborn, London</td>
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<tr>
<td>Education and Audit (6);</td>
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<tr>
<td>2 – Breast</td>
<td>P11–P18</td>
<td>Dr A Mukherjee, Nottingham; Prof CM Quinn, Dublin, Ireland</td>
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<tr>
<td>3 – Cardiovascular/Pulmonary (7);</td>
<td>P19–P26</td>
<td>Dr A Rice, London; Dr JL Robertus, London</td>
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<tr>
<td>Haematopathology (1)</td>
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<tr>
<td>4 – Cellular/Molecular</td>
<td>P27–P35</td>
<td>Prof MQ Du, Cambridge; Prof P Pirmohamed, Liverpool</td>
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<tr>
<td>5 – Gastrointestinal</td>
<td>P36–P44 *</td>
<td>Prof GI Murray, Aberdeen; Dr NP West, Leeds</td>
</tr>
<tr>
<td>6 – Genitourinary (3); Renal (2)</td>
<td>P45–P49</td>
<td>Prof D Berney, London; Prof M Sheaff, London</td>
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<tr>
<td>7 – Gynaecological</td>
<td>P50–P58</td>
<td>Prof CS Herrington, Edinburgh; Dr N Wilkinson, London</td>
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<tr>
<td>8 – Head and Neck (8); Neoplastic (1)</td>
<td>P59–P67</td>
<td>Prof SE Coupland, Liverpool; Prof G Thomas, Southampton</td>
</tr>
<tr>
<td>9 – Hepatobiliary/Pancreas (2);</td>
<td>P68–P74 *</td>
<td>Prof P Eberhart, Baltimore, USA; Prof P van der Valk, Amsterdam, NL</td>
</tr>
<tr>
<td>Neopathology/Ophthalmic (4)</td>
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<tr>
<td>10 – Osteoarticular/Soft Tissue (4); Skin (4)</td>
<td>P75–P84 *</td>
<td>Prof K Kerl, Munich, Germany; Dr N Kirkham, Newcastle</td>
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</table>

There will also be e-Poster demonstrations for posters in Groups 2, 4 and 5. Further details to be announced.

* Posters P10, P39, P42, P71, P79 and P81 have been withdrawn.

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**Guy Whittle Auditorium**

**14.00 – 15.25**

### SYMPOSIUM

**Precision Pathology and its Application in the ‘Day-to-Day’ (Part 2)**

Chair: Prof JE Martin, Barts and The London School of Medicine and Dentistry, London, UK

Prof P van der Valk, Dept of Pathology, Amsterdam University Medical Centers, VUMC, Amsterdam, NL

**14.00–14.45 [S1] Personalised Molecular Neuropathology — Challenges and Opportunities**

Prof CG Eberhart

Johns Hopkins University, Baltimore, USA

**14.45–15.15 [S9] Sexual Dimorphism in Cancer Biology and Treatment — An Oncologists’ View**

Dr AD Wagner

Lausanne University Hospital, Lausanne, Switzerland

**15.15–15.25 Open Discussion**

**Guy Whittle Auditorium**

**15.55 – 17.20**

### SYMPOSIUM

**Precision Pathology and its Application in the ‘Day-to-Day’ (Part 3)**

Chair: Prof AM Flanagan, University College London and RNOH, London, UK

Dr A Bateman, University Hospital Southampton, Southampton, UK

**15.55–16.20 [S10] Personalised Dermatology**

Prof CEM Griffiths

Professor of Dermatology, University of Manchester, Manchester, UK

**16.20–16.45 Personalised Dermatopathology**

Prof K Kerl

Munich, Germany

**16.45–17.10 [S2] Very Early Diagnosis of Hepatocellular Carcinoma: Serological Approaches**

Prof P Johnson

University of Liverpool, Liverpool, UK

**17.10–17.20 Open Discussion**
PRIZE PRESENTATION
Jeremy Jass Prize for Research Excellence in Pathology in 2017
Presented by the Journal of Pathology
VL Bridgeman; PB Vermeulen; S Foo; A Bilecz; F Daley; E Kostaras; MR Nathan; E Wan; S Frentzas; T Schweiger; B Hegedus; K Hoetzenecker; F Renyi-Vamos; EA Kuczynski; NS Vasudev; J Larkin; M Gore; HF Dvorak; S Paku; RS Kerbel; B Dome†*; AR Reynolds†*
† These two authors contributed equally, * Co-corresponding authors
Vessel co-option is common in human lung metastases and mediates resistance to anti-angiogenic therapy in preclinical lung metastasis models.
**SYMPOSIUM**
*Applying Innovative Technologies to Pathology (continued)*
Chair: Dr P Macklin, University of Oxford, Oxford, UK
Mr H Haidar, University of Maastricht, Maastricht, NL

**11.15–11.45**
**[SS] Imaging Life’s Complexity with Precision Pathology: Imaging MS at Work**
Prof RMA Heeren
M4I / Maastricht University, Maastricht, NL

**11.45–12.30**
**[S12] Liquid Biopsies: Monitoring Cancer and its Genome with Circulating Tumours**
Prof N Rosenfeld
Senior Group Leader, Cancer Research UK Cambridge Institute, University of Cambridge, Cambridge, UK

**12.30–12.40**
Open Discussion

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**12.40 – 12.05**
Guy Whittle Auditorium

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**12.40 – 12.05 — continued**

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**12.55–13.00**
**[P35] Whole Genome Sequencing (WGS) in Cancer: Why Fresh Frozen Tissue Provides the Patient with Improved Genomic Results**
® SN Hing1; J Moorhead1; S Henderson1; L Jones2; C Craig3; A Sosinsky3; S Deans3; S Hill1

**13.00–13.05**
**[P36] The Preliminary Results from the 100,000 Genomes Project: The Genomic Landscape of Colorectal Cancer**
® WCH Cross1; G Caravagna2; J Houseman1; A Sosinsky3; N Murugaesu3; D Chubb1; A Cornish1; D Wedge3; R Houlston1; A Sotoriva1; T Graham1; I Tomlinson5
1Barts Cancer Institute, London, UK; 2ICR, London, UK; 3Genomics England, London, UK; 4Big Data Institute, Oxford University, Oxford, UK; 5Institute of Cancer and Genomic Sciences, Birmingham, UK

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**13.10 – 14.00**
Atrium / Cavendish Room

**LUNCH, TRADE EXHIBITION AND POSTER VIEWING**

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**14.00 – 15.10**
Guy Whittle Auditorium

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**14.00 – 14.30**
**[S6] The Future of Pathology: Considerations for Technology Adoption and Training**
Prof M Salto-Tellez
Precision Medicine Centre at Queen’s University Belfast, Belfast, UK

**14.30–15.00**
**[S7] Digital Health: Its Application Now in Medicine**
Prof AE Blandford
UCL Institute for Precision Medicine, London, UK

**15.00–15.10**
Open Discussion and Symposium Closure
 freshmen, advanced undergraduate and postgraduate students in the field of pathology.

Chair: Miss IC Kamps, University of Maastricht, Maastricht, NL
Miss S Lako, University of Maastricht, Maastricht, NL

15.30–16.30  **A Pathologist in Industry: A Q&A**
Dr KJ Kaplan  
*Chief Medical Officer, Corista, MA, USA*

16.30–17.00  **Time Management**
Dr C Young  
*Chair, Path Soc Trainees' Sub-Committee; University of Leeds, UK*

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**Trade Exhibition**

The Pathological Society of Great Britain & Ireland and The Royal Society of Medicine wish to acknowledge the support of the following companies:

- Pathology Group
- Pathognomics

Further trade exhibition details to be announced in due course.

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[For abstracts refer to:](http://www.pathsoc.org) or [www.rsm.ac.uk](http://www.rsm.ac.uk)