



Maastricht Pathology 2018

11th Joint Meeting of the British Division of the
International Academy of Pathology and the
Pathological Society of Great Britain & Ireland
19 – 22 June 2018

Hosted by

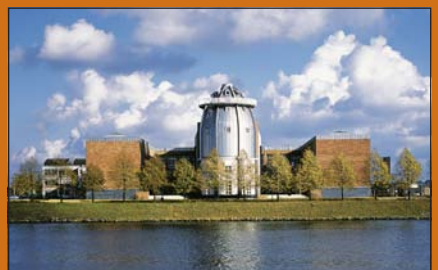
Department of Pathology
GROW – School for Oncology and Developmental Biology
Maastricht University Medical Center+
Maastricht, NL

Venue

Maastricht Exhibition and Conference Center
Forum 100, 6229 GV Maastricht, NL

Companion Meetings

Association of Clinical Electron Microscopists
Renal EQA and Renal Transplant EQA



Maastricht Pathology 2018

Important Deadlines

Early Bird Registration Ends
Monday 14 May 2018 (23.59 hrs)

Advance Registration Ends
Monday 4 June 2018 (23.59 hrs)

 **New for Maastricht 2018** 

**Oral Presentations integrated with symposia
where appropriate**

Official Poster Rounds held during morning breaks

**Wednesday 20 June — Trainees' and
Undergraduates' Networking Boat Trip**

Thursday 21 June — Conference Dinner

MEMBERS: Please pass on all details of this Meeting
to any non-members who might wish to participate

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Abstracts of talks and posters can be found at our meeting website: www.path.org.uk

PROGRAMME ACKNOWLEDGEMENTS

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18.00–20.00 ▶pg 41 [Maaspromenade 58, Boat: Jekervallei] Trainees' and Undergraduates' Networking Boat Trip (<i>additional £10 fee applies</i>) Buses will depart at 17.30	

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16.20–16.35 PALGA Award: Best Scientific Paper	
16.35–16.50 Pathological Society Most Impactful Trainee Award	
16.55–17.45 ▶pg 51 [Auditorium 2] Pathological Society Doniach Lecture: Discovery Pathology and New Approaches to Treatment Prof JE Martin, London, UK	
19.00–23.30 ▶pg 51 [Grotten van Kanne, Reimst, Belgium] <i>End time of 23.30 to be confirmed</i> Conference Dinner Outward buses will depart at 18.45. Return shuttle buses will be available from 23.00	

08.30–12.00 ▶pg 46 [Lisbon] Trainees' Session (including Slide Seminar Discussion)			08.30–11.50 ▶pg 43 [Athens] Symposium (including Oral Presentations): Dermatopathology			08.40–12.00 ▶pg 52 [Madrid] ACEM Companion Meeting		
09.40–10.30 Refreshment Break [Trajectum] Trade Exhibition [Trajectum] Official Poster Rounds [Lobby]			09.45–10.30 Refreshment Break [Trajectum] Trade Exhibition [Trajectum] Official Poster Rounds [Lobby]			09.40–10.30 Refreshment Break [Trajectum] Trade Exhibition [Trajectum] Official Poster Rounds [Lobby]		
12.10–13.05 ▶pg 48 [Lisbon] Symposium: Mass Spectrometry Imaging – Possibilities in Pathology								
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08.00 ▶pg 54 [Trajectum]
Registration and Coffee

09.00–12.25 ▶pg 54 [Auditorium 2]
The TEFAF Oncology Chair Summit: *The Future of Cancer Management*

10.25–10.55
 Refreshment Break [Trajectum]

12.25–13.35 ▶pg 54 [Trajectum]
Lunch

13.35–16.45 ▶pg 55 [Auditorium 2]
The TEFAF Oncology Chair Summit: *The Future of Cancer Management* (continued)

14.25–14.55
 Refreshment Break [Trajectum]

16.45
 End of Conference

12.25–13.35 ▶pg 55 [MECC Cafe]
Lunch for PhD Students – Meet the Experts
 (Places are limited – separate registration required)

12.35–13.20 ▶pg 57 [Auditorium 2]
**Industry Sponsored Lunchtime
 Symposium 4**

NOTICE TO MEMBERS

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

REGISTRATION FEES

Delegate Type <small>(shown in bold)</small> <i>Fee Category (shown in italic)</i>	Early Bird		Advance		Late Booking	
	Per Day or Part Day	Conference Dinner	Per Day or Part Day	Conference Dinner	Per Day or Part Day	Conference Dinner
BDIAP, IAP, NVVP or Pathological Society Member <i>Ordinary Member, Consultant and/or equivalent position</i>	£135	£60	£210	£80	£230	£80
BDIAP, IAP, NVVP or Pathological Society Concessionary Member <i>Biomedical Scientist; Honorary or Senior Member; PhD Student; Post-Doctoral Fellow, Technician and Trainee</i>	£45	£60	£80	£80	£100	£80
Pathological Society Undergraduate Student Member <i>Undergraduate Student</i>	Free	£30	Free	£30	£20	£30
Non-Member <i>Consultant; Non-Training Grade; Career Grade; Staff; Senior Scientists and Clinicians</i>	£190	£60	£280	£80	£300	£80
Non-Member Concessionary * <i>Biomedical Scientist; PhD Student; Post-Doctoral Fellow, Technician and Trainee</i>	£60	£60	£95	£80	£115	£80
Non-Member Undergraduate Student * <i>Undergraduate Student</i> Refer to special offer detailed on the next page	£60	£60	£95	£80	£115	£80

Early Bird Fees To qualify: register before 23.59 on Monday 14 May 2018

Advance Fees To qualify: register after 00.01 on Tuesday 15 May 2018 but before 23.59 on Monday 4 June 2018

Late Booking Fees For those who register after 00.01 on Tuesday 5 June 2018

* 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 National Training Number where applicable. Proof must be by way of a statement from the Head of Department (see below):

A template document is available on our website: www.path.org.uk
 Documents to be uploaded via the registration system.

REGISTRATION

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

ADVANCE REGISTRATION

Registration via our website will close on **Monday 4 June 2018 (23.59)**. Registration will re-open on Tuesday 5 June so you may register after 4 June. All registration, including on-site, is via the on-line system, with payment by credit/debit card. We do not accept cash payments.

DELEGATE ENROLMENT AT THE MEETING

Enrolment at the Delegate Reception Desk will take place from 07.30 each day, unless otherwise stated.

CANCELLATIONS

A cancellation fee of £20 will be deducted from any refund due for cancellations received in writing by **Friday 1 June 2018**. No refunds will be made after 1 June 2018.

REFRESHMENTS

All refreshments, including lunch, are included in the daily registration fee.

SPECIAL OFFERS

Non-Member Undergraduates

Join the Pathological Society (free of charge) and you will benefit from free registration for *Maastricht Pathology 2018* and all future Pathological Society scientific meetings. You can obtain application details from our website: www.pathsoc.org/index.php/about/undergraduates

Non-Member Concessionary

Join the Pathological Society or the British Division of the International Academy of Pathology (BDIAP) to benefit from reduced registration fees. You can obtain application details from our websites:

www.pathsoc.org/index.php/about/joining-the-pathological-society

<http://bdiap.org/membership-2/>

COMPANION MEETING**Thursday 21 June**

09.00–17.15 [Madrid]

ACEM (Association of Clinical Electron Microscopists)**NAMED LECTURES****Tuesday 19 June**

12.10–12.55 [Auditorium 2]

BDIAP Kristin Henry Lecture*The Impact of Genetics on Renal Cancer Classification – Revisited*

Prof S Fleming, Dundee, UK

17.15–18.00 [Auditorium 2]

Public Lecture*Making Surgery More Precise – Seeing a Tumour Faster Than Ever Before*

Prof R Heeren, Maastricht, NL

Wednesday 20 June

12.05–12.50 [Auditorium 2]

Pathological Society Sir N Wright Lecture*Exploring Neutrophil Function to Delineate Novel Treatments in Acute**Respiratory Distress Syndrome*

Dr D Dorward, Edinburgh, UK

Thursday 21 June

17.05–17.50 [Auditorium 2]

Pathological Society Doniach Lecture*Discovery Pathology and New Approaches to Treatment*

Prof JE Martin, London, UK

ORAL PRESENTATIONS

☆NEW☆ For *Maastricht Pathology 2018* the oral presentations will be integrated into symposia sessions, where appropriate.

Presentations will be allocated 10 minutes each, to include discussion. These will be selected on the basis of the written abstracts. **Those papers not selected for oral presentation will be required to be presented as posters.**

Speakers are reminded that no communication may exceed the time allocated on the programme without the consent of the meeting, obtained through the Chairman.

PLENARY ORAL SESSION [Auditorium 2]

The seven highest-ranked abstracts will be presented on Thursday 21 June, 14.00–16.15.

Prize

A prize of £500 plus 12 bottles of Champagne will be awarded for the best Plenary Oral Presentation by the *Journal of Pathology* at the Conference Dinner.

POSTERS, VIEWING AND OFFICIAL ROUNDS [Lobby]

☆NEW☆ Official Poster Chairs will review the posters during the morning break on Tuesday, Wednesday and Thursday.

It is requested that posters should be in place by 09.00 hrs on Tuesday 19 June and remain on display until the end of Thursday 21 June 2018.

Poster Size

Poster boards will be landscape orientation, size 950 mm x 1360 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 as well as during the official rounds.

Formal Poster Viewing and Official Rounds

Tuesday 19 June	09.55–10.30
Wednesday 20 June	09.50–10.25
Thursday 21 June	09.50–10.25

Poster round chairs will be circulating during these times to select the winners of the following prizes. Every poster presenter is expected to give a three minute rapid-fire presentation of their poster to the official jury, and to answer questions.

POSTER PRIZES**BDIAP POSTER PRIZES**

Prizes of £400, £300 and £200 will be awarded for the best three posters relevant to diagnostic pathology.

PATHOLOGICAL SOCIETY POSTER PRIZES

Pathological Society's Sir Alastair Currie Prize (£400), second prize (£300) and third prize (£200) will be awarded for the best posters.

CAMBRIDGE UNIVERSITY PRESS PRIZES

Prizes (£100 book tokens) will be awarded for the best posters of Trainees and Undergraduates.

WINNERS

Winners will be announced at the Conference Dinner on Thursday 21 June 2018.

POSTER PRESENTATIONS**Publication of abstracts in the *Journal of Pathology On-Line Supplement***

The presenting author (or another author) must attend their allocated poster round in order for the abstract to be published in the *Journal of Pathology On-line Supplement*.

SLIDE SEMINAR COMPETITION AND REVIEW SESSION**VIEWING (BEFORE THE MEETING)**

Digital slide images of all cases will — in due course — be available for preview on the website in advance of the meeting.

VIEWING (DURING THE MEETING) [Internet Cafe, Trajectum]

Digital slide images of all cases will be available during the meeting at the Internet Cafe located in the Trajectum.

DISCUSSION SESSION

Thursday 21 June 2018.

PRIZE

A £250 Amazon Voucher.

The winner will be announced at the Conference Dinner on Thursday 21 June 2018.

Viewing Virtual Slides [Trajectum]

Slides images will be available for viewing on:

Tuesday 19 June 07.20–18.00

Wednesday 20 June 07.30–18.00 *(Please note the competition closes on Wed 20 June at 18.00)*

Competition

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

Competition Case Discussion Session [Lisbon]

Thursday 21 June 08.30–09.40

SYMPOSIA**Tuesday 19 June**

08.30–11.55 [Auditorium 2]

From Fixed to Functional Breast Pathology

08.30–11.55 [Rome]

Advances in Lung Cancer Pathology and Management

08.30–11.50 [Berlin]

The Future of Pathology

14.00–17.10 [Rome]

Early Colorectal Cancer – Bowel Cancer Screening

14.00–17.10 [Berlin]

The Pathology of Obesity

14.00–17.10 [Auditorium 2]

Rare Breast Cancers – From Microscope to Molecule

Wednesday 20 June

08.30–11.50 [Auditorium 2]

Genotype or Phenotype – What Matters Most in Gastrointestinal Cancers?

08.30–11.50 [Athens]

On the Frontiers of Bone and Soft Tissue Tumours

08.30–11.50 [Rome]

Renal Pathology – Thrombotic Microangiopathy: What Does the Renal Biopsy Add to Patient Management?

14.00–17.10 [Auditorium 2]

Current Issues in Uterine Pathology for the Diagnostic Histopathologist
Jointly organised by Dr N Wilkinson and the Trainees' Meetings Sub-Committee

14.00–17.10 [Athens]

New Perspectives on Biliary Tract Disease

14.00–17.10 [Rome]

Renal Pathology – Macrophage Quantification in Glomerulonephritis: Should it be Routine Practice?

Thursday 21 June

08.30–12.00 [Berlin]

Molecular Pathological Epidemiology (MPE) – Integrative Big-Data Population-Pathobiology

08.30–11.50 [Athens]

Dermatopathology

08.30–12.00 [Rome]

An Update on the Pathology of Prostate Cancer

12.00–13.00 [Lisbon]

Mass Spectrometry Imaging – Possibilities in Pathology

Friday 22 June

09.00–16.45 [Auditorium 2]

The TEFAF Oncology Chair Summit

TRAINEES PROGRAMME**Tuesday 19 June**

08.30–12.05 [Madrid]
Cytology

Thursday 21 June

08.30–12.00 [Lisbon]
Trainees' Session (including Slide Seminar Discussion)

UNDERGRADUATES' DAY**Wednesday 20 June**

08.30–17.30 [Madrid]
From Cradle to Grave

★ NEW FOR MAASTRICHT ★**TRAINEES' AND UNDERGRADUATES' NETWORKING BOAT TRIP**

Wednesday 20 June 2018 (18.00–20.00). Please note: a £10 fee applies to this event. Boat located at Maaspromenade 58 (between St. Servas Bridge and Wilhelmina Bridge). Boat name: Jekervallei. Buses will depart at 17.30.

MEET THE EXPERTS LUNCH FOR PhD STUDENTS [MECC Cafe]

The TEFAP Oncology Chair Summit, Friday 22 June 2018 (12.35–13.35)

GROW has invited the speakers to participate in a "Meet the Experts Lunch". Numbers are limited to 50 PhD students, separate registration required. GROW will allocate individual students to a particular speaker.

INDUSTRY SPONSORED LUNCHTIME SYMPOSIA

These four events will be held on:

- | | | |
|----------------------------|-------------|----------------|
| (1) Tuesday 19 June 2018 | 13.05–13.50 | [Berlin] |
| (2) Wednesday 20 June 2018 | 13.05–13.50 | [Athens] |
| (3) Wednesday 20 June 2018 | 13.05–13.50 | [Rome] |
| (4) Friday 22 June 2018 | 12.35–13.20 | [Auditorium 2] |

TRADE EXHIBITION

There will be a Trade Exhibition at the meeting held in the Trajectum, adjacent to the catering areas.

CONTINUING PROFESSIONAL DEVELOPMENT (CPD)**UNITED KINGDOM CPD****ROYAL COLLEGE OF PATHOLOGISTS**

The Royal College of Pathologists has approved the Conference as detailed below.

	Full Day*
Tuesday 19 June	8 credits
Wednesday 20 June	8 credits
Thursday 21 June	7 credits
Friday 22 June	5 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.

EUROPEAN CPD

More details will be announced in due course.

TRAVELLING TO MAASTRICHT

For travel information please visit: www.path.org.uk

ACCOMMODATION

Discounted hotel accommodation has been reserved for delegates, please visit: www.path.org.uk

SOCIAL ACTIVITIES**TUESDAY 19 JUNE 2018****Networking Reception at Bonnenfanten Museum and Tour**

Co-sponsored by the Maastricht Convention Bureau

For information about the Bonnenfanten Museum visit: www.bonnefanten.nl/en
Reserve your free ticket when registering online. Please visit: www.path.org.uk

THURSDAY 21 JUNE 2018**Conference Dinner**

The Conference Dinner venue is Grotten van Kanne (deep inside a mountain in Belgium). For information about the venue please visit: www.grottenvankannevzw.be/index.html

Outward buses will depart at 18.45. Return shuttle buses will be available from 23.00.

Tickets are £60 (**£80 if booked after 14 May**) and £30 for Undergraduates. Tickets numbers are limited.

Please reserve your ticket when registering online at: www.path.org.uk

LOCAL PLACES OF INTEREST

For information please visit: www.netherlands-tourism.com/maastricht

ENQUIRIES

Conference website: www.path.org.uk

Pathological Society of Great Britain & Ireland

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E-mail admin@pathsoc.org

British Division of the International Academy of Pathology

Address Office 133, 155 Minories, London EC3N 1AD

Telephone +44 (0)7887 560177

E-mail administrator@bdia.org

PRESENTATIONS

Presentation Checking and Preview [Copenhagen]

Presentation Checking and Preview facilities will be provided.

Oral Presentations/Lectures

Presentation format: Powerpoint only, must be PC compatible and must be on a USB.

Presenters must attend their nominated lecture theatre 30 minutes before their presentation time.

INTERNET ACCESS

Free wireless access is available throughout the conference venue.

Laptop computers will be available.

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 [Trajectum]

All refreshments will be served in the Trajectum unless stated otherwise.

BADGES

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

COATS AND BAGS

Facilities for coats and bags will be provided.

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 International Academy of Pathology, the Dutch Pathological Society (NVVP) and the 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

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

FUTURE MEETINGS

British Division of the IAP

2018 22 November, London
BDIAP-UKLPG: Liver Pathology Update Meeting

23-24 November, London
BDIAP-BSG: Symposium on Lower GI Pathology

Pathological Society

2019 22-23 January, London
Second Joint Winter Meeting with The Royal Society of Medicine

Joint Meetings of the British Division of the IAP and the Pathological Society

2019 2-4 July, Harrogate
Leeds Pathology 2019

▶ 07.20

Trajectum

REGISTRATION and COFFEE

▶ 07.20 – 18.00

Trajectum

SLIDE SEMINAR CASE COMPETITION VIEWING

▶ 08.15 – 08.30

Auditorium 2

WELCOME ADDRESS

Prof HI Grabsch

Maastricht University Medical Center+, Maastricht, NL

▶ 08.30 – 11.55

Auditorium 2

SYMPOSIUM — including Oral Presentations
From Fixed to Functional Breast PathologyChair: Dr L Kooreman, Maastricht University Medical Center, Maastricht, NL
Dr J Wesseling, Netherlands Cancer Institute, Amsterdam, NL08.30–08.55 **[S1] Impact of Pathology on Breast Cancer Patients**

Dr JML Stouthard

*Netherlands Cancer Institute, Amsterdam, NL*08.55–09.20 **[S2] Functional Pathology of ER Positive Breast Cancers**

Dr W Zwart

*Netherlands Cancer Institute, Amsterdam, NL*09.20–09.45 **[S3] High Quality Breast Pathology of Today and Challenges for Tomorrow**

Dr JS Thomas

*Western General Hospital, Edinburgh, UK*09.45–10.35 **REFRESHMENT BREAK / TRADE EXHIBITION** [Trajectum]
OFFICIAL POSTER ROUNDS [Lobby] — See page 24 for details10.35–11.00 **Detection of Homologous Recombination Deficiency in Breast Cancer**

Dr TG Meijer

*Erasmus Medical Center – Cancer Institute, Rotterdam, NL*11.00–11.25 **Modern Breast Pathology: Don't Forget About the Past, Live the Future**

Dr J Wesseling

Netherlands Cancer Institute, Amsterdam, NL▶ 08.30 – 11.55 — *continued*

Auditorium 2

11.25–11.35 **[O1] Raman Analysis of Breast Cancer: A Large Tissue Microarray Study**Ⓢ D Lazaro Pacheco¹; A Shaaban²; G Baldwin³; A Titloye⁴; IU Rehman¹¹University of Sheffield, Sheffield, UK; ²Queen Elizabeth Hospital Birmingham, Birmingham, UK; ³University of Birmingham, Birmingham, UK; ⁴School of Medical Science, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana11.35–11.45 **[O2] Inter- and Intra-Laboratory Variation in the Histopathological Grading of Ductal Carcinoma In Situ of the Breast in a Nationwide Cohort in the Netherlands**Ⓢ C van Dooijeweert¹; PJ van Diest¹; LIH Overbeek²; CCH Kuijpers¹; SM Willems¹; IAG Deckers²¹UMC Utrecht, Utrecht, Netherlands; ²PALGA (The Dutch Nationwide Network and Registry of Histopathology and Cytopathology), Houten, NL11.45–11.55 **[O3] Prospective Verification of a Reverse Transcriptase qPCR Assay for Molecular Subtyping of Breast Cancers**Ⓢ G Roemen¹; JAM Smeijers¹; LFS Kooreman¹; R Hipfel²; EJM Speel¹¹Maastricht UMC, Maastricht, NL; ²Biontech Diagnostics GmbH, Mainz, Germany

▶ 08.30 – 11.55

Rome

SYMPOSIUM — including Oral Presentations
Advances in Lung Cancer Pathology and Management

Chair: Prof AG Nicholson, Royal Brompton Hospital, London

Prof Dr E-J Speel, Maastricht University Medical Center+, Maastricht, NL

08.30–08.55 **[S4] Limitations of the 2015 WHO Classification of Lung Cancer**

Dr E Thunnissen

*VUMC, Amsterdam, NL*08.55–09.20 **[S5] Molecular Medicine in Lung Cancer: Insights in Molecular Pathogenesis Driving Better Therapies**

Prof RB Büttner

*Institute of Pathology, University Hospital Cologne, Cologne, Germany*09.20–09.45 **[S6] Emerging Biomarkers for Immuno-Oncology in Lung Cancer**

Prof KM Kerr

*Aberdeen University Medical School, Aberdeen, UK*09.45–10.35 **REFRESHMENT BREAK / TRADE EXHIBITION** [Trajectum]
OFFICIAL POSTER ROUNDS [Lobby] — See page 24 for details

▶ 08.30 – 11.55 — *continued*

Rome

SYMPOSIUM: Advances in Lung Cancer Pathology and Management (continued)

- 10.35–11.00 **[S7] New Insights in Molecular Pathology of Neuroendocrine Lung Tumours: A Multi-Omics Comparative Analysis**
Dr L Fernandez-Cuesta
International Agency for Research on Cancer, Lyon, France
- 11.00–11.25 **[S8] Hunting for Cancer Cells and Molecules in the Blood**
Dr E Schuurin
University Medical Center Groningen, Groningen, NL
- 11.25–11.35 **[O4] Single-Cell Analysis of Cancer-Associated Fibroblast Heterogeneity in Non-Small Cell Lung Cancer: Mapping Molecular Phenotypes in Tumours**
© S Waise; CJ Hanley; R Parker; CH Ottensmeier; MJ Rose-Zerilli; GJ Thomas
University of Southampton, Southampton, UK
- 11.35–11.45 **[O5] Two Years Experience of MET Gene Exon 14 Skipping Analysis in Lung Adenocarcinoma: Identification of 32 Cases by NGS**
H Dubbink¹; W Geurts-Giele¹; I Meijssen¹; C van der Leest²; R Peric²; J von der Thüsen¹; J Aerts²; © W Dinjens¹
¹Erasmus MC Cancer Institute/Pathology, Rotterdam, NL; ²Erasmus Medical Center Cancer Institute/Pulmonary Diseases, Rotterdam, NL
- 11.45–11.55 **[O6] Searching for Diagnostic Criteria in Pre-Operative Biopsy Specimen for Large Cell Neuroendocrine Carcinoma (LCNEC)**
EJM Speel¹; JL Derks¹; RJ Van Suylen²; MA Den Bakker³; RA Damhuis⁴; EC van den Broek⁵; AC Dingemans¹; © E Thunnissen⁶
¹Maastricht University Medical Center, Maastricht, NL; ²Jeroen Bosch Ziekenhuis, 's-Hertogenbosch, NL; ³Maasstad Hospital, Rotterdam, NL; ⁴Comprehensive Cancer Association, Utrecht, NL; ⁵PALGA Foundation, Houten, NL; ⁶VU UMC, Amsterdam, NL

▶ 08.30 – 11.50

Berlin

SYMPOSIUM**The Future of Pathology**

Chair: Prof GA Meijer, Netherlands Cancer Institute, Amsterdam, NL
Prof M von Engeland, Maastricht University Medical Center+, Maastricht, NL

- 08.30–09.05 **[S9] National Scale Tumour Whole Genome Sequencing for Personalized Cancer Treatment in the Netherlands**
Dr E Cuppen
Hartwig Medical Foundation, Amsterdam, NL

▶ 08.30 – 11.50 — *continued*

Berlin

- 09.05–09.45 **Circulating Tumour DNA**
Dr J Phallen
John Hopkins Kimmel Cancer Center, Baltimore, USA
- 09.45–10.35 **REFRESHMENT BREAK / TRADE EXHIBITION** [Trajectum]
OFFICIAL POSTER ROUNDS [Lobby] — See page 24 for details
- 10.35–11.00 **Functional Ex Vivo Test for Homologous Recombination Deficiency in Tumour Biopsies: Ready for the Clinic?**
Dr A Jager
Erasmus Medical Center Cancer Institute, Rotterdam, NL
- 11.00–11.25 **Machine Learning and Conventional Pathology Wisdom in Digital Pathology**
Prof R Huss
Definiens AG, Munich, Germany
- 11.25–11.50 **Germline Variation Impact on Disease Phenotype**
Prof I Tomlinson
University of Birmingham, Birmingham, UK

▶ 08.30 – 12.05

Madrid

TRAINEES' SYMPOSIUM — including Oral Presentations
Cytology

Chair: Dr J Griffin, Sheffield Teaching Hospitals NHS Foundation Trust, Sheffield, UK
Dr K Griffin, St James's Hospital, Leeds, UK

- 08.30–09.05 **Thyroid Cytology in the MDT Setting**
Dr R Dina
Hammersmith Hospital, Imperial College NHS Trust, London, UK
- 09.05–09.45 **Applications of Cytology in Urological Disease**
Dr A Chandra
Guys and St Thomas' Hospital, London, UK
- 09.45–10.35 **REFRESHMENT BREAK / TRADE EXHIBITION** [Trajectum]
OFFICIAL POSTER ROUNDS [Lobby] — See page 24 for details
- 10.35–11.10 **Cytology in EBUS**
Prof M Rimmelink
Erasmie Hospital (ULB), EBUS, Brussels, Belgium
- 11.10–11.45 **[S10] From Cytology to Molecular Profiling and the Use of NGS**
Dr N D'Haene
Erasmie Hospital, Brussels, Belgium

▶ 08.30 – 12.05 — *continued*

Madrid

TRAINEES' SYMPOSIUM: Cytology (*continued*)

Chair: Dr A Chandra, Guys and St Thomas' Hospital, London, UK
 Dr R Dina, Hammersmith Hospital, Imperial College NHS Trust, London, UK

11.45–11.55 **[O7] PD-L1 Staining in Histologic and Cytological Material: Validation and Results**

Ⓟ P Van der Valk; EJ Kooi; W Vos; M Ramkema; T Radonic
 VUMC Medical Center, Amsterdam, NL

11.55–12.05 **[O8] An Exquisitely Sensitive Method for Mutation Detection**

Ⓟ JC Hassall; HO Ebili; M Ilyas
 QMC/University of Nottingham, Nottingham Molecular Pathology Node, Nottingham, UK

▶ 09.55 – 10.30

Trajectum

POSTER VIEWING and OFFICIAL ROUNDS

CHAIR GROUP — CATEGORY	POSTER NUMBER	CHAIR
1 – Breast 1	P1–5	Dr L Kooreman, Maastricht; <i>chair to be confirmed</i>
2 – Breast 2	P6–10	Dr S Hauptmann, Maastricht; <i>chair to be confirmed</i>
3 – Breast 3	P11–12* P14–15	Prof V Speirs, Leeds; <i>chair to be confirmed</i>
4 – Cardiovascular/Pulmonary 1	P16–21	Prof K Kerr, Aberdeen; Prof E Thunissen, Amsterdam
5 – Cardiovascular/Pulmonary 2	P22–27 *	Prof R Buttner, Cologne; Prof AG Nicholson, London
6 – Gastrointestinal 1	P28–34	Prof I Nagtegaal, Nijmegen; Dr NP West, Leeds
7 – Gastrointestinal 2	P35–40	Dr GG Hutchins, Leeds; Prof A Lugli, Bern
8 – Gastrointestinal 3	P41–46	Prof NA Shepherd, Cheltenham; <i>chair to be confirmed</i>
9 – Haematopathological Pathology	P47–53	Prof MQ Du; Cambridge; <i>chair to be confirmed</i>
10 – Neuropathology/Ophthalmic	P54–60	Prof JE Martin, London; Prof P van der Valk, Amsterdam

* Poster P26 has been withdrawn

‡ For P13 refer to the table on page 45

▶ 12.10 – 12.55

Auditorium 2

BDIAP KRISTIN HENRY LECTURE

Chair: Prof M Leader, RCSI, Dublin

[S11] The Impact of Genetics on Renal Cancer Classification – Revisited

Prof S Fleming
 Ninewells Hospital and Medical School, Dundee, UK

▶ 12.55 – 14.00

LUNCH / TRADE EXHIBITION [Trajectum]
POSTER VIEWING [Lobby]

▶ 13.05–13.50

Berlin

INDUSTRY SPONSORED LUNCHTIME SYMPOSIUM 1

See page 57 for details

▶ 14.00 – 17.10

Rome

SYMPOSIUM — including Oral Presentations

Early Colorectal Cancer – Bowel Cancer Screening

Chair: Prof I Nagtegaal, Radboud University, Nijmegen, NL
 Prof NA Shepherd, Gloucestershire Cellular Pathology Laboratory,
 Cheltenham General Hospital, Cheltenham, UK

14.00–14.25 **The Dutch Screening Programme: What is Happening?**

Prof I Nagtegaal
 Radboud University, Nijmegen, NL

14.25–14.50 **The English Screening Programme: What is Happening?**

Prof P Quirke
 Leeds Institute of Cancer and Pathology, University of Leeds, Leeds, UK

14.50–15.15 **[S14] What Should We Do with Tumour Budding in Early CRC?**

Prof A Lugli
 Institute of Pathology, University of Bern, Bern, Switzerland

15.15–15.50 **REFRESHMENT BREAK / TRADE EXHIBITION** [Trajectum]
POSTER VIEWING [Lobby]

▶ 14.00 – 17.10 — *continued*

Rome

SYMPOSIUM: Early Colorectal Cancer – Bowel Cancer Screening
(continued)

- 15.50–16.15 **[S15] Not So Simple Pathology: Issues from the Screening Programme**
Prof NA Shepherd
Gloucestershire Cellular Pathology Laboratory, Cheltenham General Hospital, Cheltenham, UK
- 16.15–16.40 **[S16] Implementation of a Nation Wide Strategy for MSI Testing: Challenges and Results**
© Prof Dr MJL Ligtenberg¹; IE Fakkert²; HW Willems³; YK Peek²; S Langenveld⁴; ID Nagtegaal³; EM Leter⁴; AR Mensenkamp²; L Spruijt²; N Hoogerbrugge²
¹Department of Human Genetics and Department of Pathology, Radboud University Medical Center, Nijmegen, NL; ²Department of Human Genetics, Radboud University Medical Center, Nijmegen, NL; ³Department of Pathology, Radboud University Medical Center, Nijmegen, NL; ⁴Department of Clinical Genetics, Maastricht University Medical Center, Maastricht, NL
- 16.40–16.50 **[O9] Comparison of Mutational Status in the EGFR Pathway Across Four Different Platforms in the Fluoropyrimidine Oxaliplatin and Targeted Receptor Pre-Operative Therapy (FOXTRT) Trial**
© AC Westwood¹; D Bottomley¹; GJ Hemmings¹; M Taylor¹; E Tinkler-Hundal¹; H Wood¹; K Marks¹; K Handley²; L Magill²; M Seymour³; R Gray⁴; D Morton⁵; P Quirke¹; NP West¹
¹Pathology and Tumour Biology, Leeds Institute of Cancer and Pathology, University of Leeds, UK; ²Birmingham Clinical Trials Unit, University of Birmingham, UK; ³St. James's Institute of Oncology, University of Leeds, UK; ⁴Nuffield Department of Population Health, University of Oxford, UK; ⁵Department of Surgery, University of Birmingham, UK
- 16.50–17.00 **[O10] The Impact of Short Course Pre-Operative Radiotherapy on Tumour Cell Density and Tumour Biology in Rectal Cancer: Analysis of the MRC CR07 Trial**
© A Sredic-Rhodes¹; H Wood¹; M Taylor¹; E Tinkler-Hundal¹; D Bottomley¹; D Sebag-Montefiore²; P Quirke¹; DT Bishop³; E Morris⁴; NP West¹
¹Pathology and Tumour Biology, Leeds Institute of Cancer and Pathology, University of Leeds, Leeds, UK; ²St. James's Institute of Oncology, University of Leeds, Leeds, UK; ³Leeds Institute of Cancer and Pathology, University of Leeds, Leeds, UK; ⁴Leeds Institute of Data Analytics, University of Leeds, Leeds, UK

▶ 14.00 – 17.10 — *continued*

Rome

- 17.00–17.10 **[O11] NDRG4 is a Specific Enteric Neuronal Protein Which Attenuates Intestinal Tumour Progression and Protects Against Colitis-Induced Injury**
N Vaes¹; G Rademakers¹; MJ Gijbels²; KL Daenen¹; JRM Van der Meer¹; RMW Hofstr³; W Boesmans⁴; M van Engeland¹; © V Melotte¹
¹Maastricht University Medical Center, Maastricht, NL; ²Maastricht University, Maastricht, NL; ³ErasmusMC, Rotterdam, NL; ⁴LENS, TARGID, Department of Clinical and Experimental Medicine, KUL, Leuven, Belgium

▶ 14.00 – 17.10

Berlin

- SYMPOSIUM** — including Oral Presentations
The Pathology of Obesity
Chair: Dr C Peutz-Koostra, Maastricht University Medical Center+, Maastricht, NL
Prof M Sheppard, St George's University London, London, UK
- 14.00–14.35 **Microvascular Pathology in Obesity and Diabetes: Cause or Consequence?**
Dr AJHM Houben
Maastricht University, Maastricht, NL
- 14.35–15.10 **Cardiovascular Pathology in the Obese**
Prof M Sheppard
St George's University London, London, UK
- 15.10–15.50 **REFRESHMENT BREAK / TRADE EXHIBITION [Trajectum]**
POSTER VIEWING [Lobby]
- 15.50–16.20 **[S17] Obesity and the Kidney**
Prof C Alpers
University of Washington Medical Center, Seattle, WA, USA
- 16.20–16.45 **Liver Pathology in the Obese**
Prof R Goldin
Imperial College London, London, UK
- 16.45–17.10 **NASH from Basic Knowledge to Future Therapy: Where do we Stand?**
Prof Dr C Trautwein
University Hospital Aachen, Aachen, Germany

▶ 14.00 – 17.10

Auditorium 2

SYMPOSIUM — including Oral Presentations
Rare Breast Cancers – From Microscope to Molecule
 Chair: Prof V Speirs, University of Leeds, Leeds, UK
 Prof PJ van Diest, UMC, Utrecht, NL

- 14.00–14.35 **[S12] Recent Advances in the Biology of Male Breast Cancer**
 Prof V Speirs
 University of Leeds, Leeds, UK
- 14.35–15.10 **Metaplastic Breast Cancer**
 Dr R Natrajan
 Institute of Cancer Research, London, UK
- 15.10–15.50 **REFRESHMENT BREAK / TRADE EXHIBITION** [Trajectum]
POSTER VIEWING [Lobby]
- 15.50–16.15 **Phyllodes Breast Cancer**
 Prof PJ van Diest
 UMC, Utrecht, NL
- 16.15–16.40 **[S13] Inflammatory Breast Cancer Cells are Characterized by Attenuated SMAD Dependent TGFβ Signalling Leading to Impaired Cell Motility Responses**
 Dr SJ van Laere
 University Antwerp / GZA Hospitals, Wilrijk, Belgium
- 16.40–16.50 **[O12] Categorical Assessment of Stromal Inflammation in Ductal Carcinoma in Situ of the Breast Results in Substantial Interrater Reliability**
 © MR Van Bockstal¹; M Baldewijns²; C Colpaert³; H Dano⁴; G Floris⁵; C Galant⁴; K Lambein⁶; D Peeters²; SMJ Van Renterghem⁷; AS Van Rompuy⁵; SLJ Verbeke⁷; S Verschuere⁸; J Van Dorpe⁷
¹Erasmus MC, Rotterdam, NL; ²Antwerp University Hospital, Antwerp, Belgium; ³GZA, Antwerp, Belgium; ⁴University Clinics St Luc, Brussels, Belgium; ⁵Leuven University Hospitals, Leuven, Belgium; ⁶AZ St Lucas Hospital, Ghent, Belgium; ⁷Ghent University Hospital, Ghent, Belgium; ⁸AZ Delta, Roeselare, Belgium
- 16.50–17.00 **[O13] The Cooperative Expression of the Solute Carriers, SLC1A5, SLC7A5 and SLC3A2, Confers a Poor Prognosis in the Highly Proliferative ER+ Breast Cancer Subtype**
 R El Ansari¹; ML Craze¹; D Soria²; M Diez-Rodriguez¹; CC Nolan¹; IO Ellis¹; EA Rakha¹; © AR Green¹
¹University of Nottingham, Nottingham, UK; ²University of Westminster, London, UK

▶ 14.00 – 17.10 — *continued*

Auditorium 2

- 17.00–17.10 **[O14] Assessment of Tumour Microenvironment Immune Cell Profile in Inflammatory Breast Carcinoma Using Digital Multiplex Analysis**
 © NM Badr¹; F Berditchevski²; NY Asaad³; MM Abd Elwahed³; AG Abdou³; MM Serag El-Din³; F Hoar⁴; D Rea⁵; G Baldwin⁵; Y Horimoto⁶; N Sharma⁷; AM Shaaban⁸
¹University of Birmingham and Menoufia University, Birmingham, UK; ²University of Birmingham, Birmingham, UK; ³Menoufia University, Menoufia, Egypt; ⁴City Hospital, Birmingham, UK; ⁵Queen Elizabeth Hospital, Birmingham, UK; ⁶Juntendo University, Tokyo, Japan; ⁷Leeds Teaching Hospitals, Leeds, UK; ⁸University of Birmingham and Queen Elizabeth Hospital, Birmingham, UK

▶ 17.15 – 18.00

Auditorium 2

PUBLIC LECTURE

Chair: Prof HI Grabsch, Maastricht University Medical Center+, Maastricht, NL

Making Surgery More Precise – Seeing a Tumour Faster Than Ever Before

Prof R Heeren
 M4I, Maastricht University, Maastricht, NL

▶ 18.30 – 20.30

Bonnenfanten Museum

NETWORKING RECEPTION

Co-Sponsored by the Maastricht Convention Bureau

▶ 07.30

Trajectum

REGISTRATION and COFFEE

▶ 07.30 – 18.00

Trajectum

SLIDE SEMINAR CASE COMPETITION VIEWING*Competition closes today at 18.00*

▶ 08.30 – 11.50

Auditorium 2

SYMPOSIUM — including Oral Presentations**Genotype or Phenotype – What Matters Most in Gastrointestinal Cancers?**

Chair: Prof HI Grabsch, Maastricht University Medical Center+, Maastricht, NL
 Prof RFT McMahon, Manchester Royal Infirmary and University of Manchester, Manchester, UK

08.30–09.05 **[S18] Hereditary GI Cancer Syndromes**

Prof F Carnerio
 IPATIMUP, Porto, Portugal

09.05–09.40 **JAPANESE SOCIETY OF PATHOLOGY GUEST LECTURE****Recent Advances in Molecular Carcinogenesis of Colorectal Tumours**

Prof T Sugai
 Iwate Medical University, Morioka, Japan

09.40–10.30 **REFRESHMENT BREAK / TRADE EXHIBITION** [Trajectum]**OFFICIAL POSTER ROUNDS** [Lobby] — See page 33 for details10.30–10.55 **Immune Homeostasis in the Upper Gastrointestinal Tract**

Prof A Quaas
 University of Cologne, Cologne, Germany

10.55–11.20 **[S19] Genotype or Phenotype: What Matters Most in Barrett's Oesophagus?**

Prof R Langer
 Institute of Pathology, University of Bern, Bern, Switzerland

11.20–11.30 **[O15] An Assessment of EGFR Pathway Mutations in Late Stage Colorectal Cancer by Next Generation Sequencing in a Regional NHS Genomic Testing Service**

© KM Marks; D Wallace; H Dickinson; NP West
 Leeds Teaching Hospitals NHS Trust, Leeds, UK

11.30–11.40 **[O16] Histopathologist Features Predictive of Diagnostic Concordance at Expert Level Amongst a Large International Sample of Pathologists Diagnosing Barrett's Dysplasia**

© MJ van der Wel¹; HC Coleman²; M Jansen³; SL Meijer¹
¹Academic Medical Center, Amsterdam, NL; ²Queen's University Belfast, Belfast, UK;
³University College Hospital, London, UK

▶ 08.30 – 11.50 — *continued*

Auditorium 2

11.40–11.50 **[O17] Defining the Clinical Value of Pathological Lymph Node Status and Primary Tumour Regression Grading Following Neoadjuvant Therapy in Oesophageal Cancer: Results from the MRC OE02 Trial**

© GGA Hutchins¹; N Davarzani²; NP West¹; L Hewitt³; M Nankivell⁴; D Cunningham⁵; WH Allum⁵; E Smyth⁵; N Valeri⁶; RE Langley⁴; HI Grabsch³

¹University of Leeds, Leeds, UK; ²Maastricht University, Maastricht, NL; ³Maastricht University Medical Centre, Maastricht, NL; ⁴University College London, London, UK; ⁵Royal Marsden Hospital, London, UK; ⁶Institute of Cancer Research, London, UK

▶ 08.30 – 11.50

Athens

SYMPOSIUM — including Oral Presentations**On the Frontiers of Bone and Soft Tissue Tumours**

Chair: Prof AM Flanagan, UCL Cancer Institute, London, UK
 Prof R Sciot, University Hospital, University of Leuven, Leuven, Belgium

08.30–08.55 **Vascular Tumours of Soft Tissue and Bone**

Dr S Verbeke
 UZ Ghent, Ghent, Belgium

08.55–09.20 **[S20] Bone Tumour Syndromes**

Dr J Bovée
 Leids Universitair Medisch Centrum, Leiden, NL

09.20–09.45 **[S21] Mimics of Sarcoma**

Prof C Fisher
 Royal Marsden Hospital, London, UK

09.45–10.30 **REFRESHMENT BREAK / TRADE EXHIBITION** [Trajectum]
OFFICIAL POSTER ROUNDS [Lobby] — See page 33 for details10.30–10.55 **[S22] MDM2 in Soft Tissue and Bone Sarcomas**

Prof R Sciot
 Dept of Pathology, University Hospital, University of Leuven, Leuven, Belgium

10.55–11.20 **What's New in Ewing(-like) Sarcoma**

Prof C Antonescu
 Memorial Sloan Kettering Cancer Center, New York, USA

11.20–11.30 **[O18] Mortalin Expression by Soft Tissue Sarcomas and Correlation with Grade**

© SR Dundas¹; D Stead²; GI Murray²
¹Aberdeen Royal Infirmary, Aberdeen, UK; ²University of Aberdeen, Aberdeen, UK

▶ 08.30 – 11.50 — *continued*

Athens

SYMPOSIUM: On the Frontiers of Bone and Soft Tissue Tumours
(continued)

11.30–11.40 **[O19] Recurrent FN1 and/or ACVR2A Fusion Genes are Implicated in the Pathogenesis of Synovial Chondromatosis, Chondrosarcoma Secondary to Synovial Chondromatosis, and Soft Tissue Chondroma**
© L Perez-Casanova¹; H Ye¹; AC Strobl¹; F Berisha¹; MF Amary¹; N Pillay²; D Baumhoer³; R Tirabosco¹; AM Flanagan²

¹Royal National Orthopaedic Hospital NHS Trust, London, UK; ²Cancer Institute, University College London, London, UK; ³Bone Tumor Reference Center, Institute of Pathology, University Hospital Basel, Basel, Switzerland

11.40–11.50 **[O20] Development of a Novel FISH Probe for Detection of 1p/19q Codeletion in Routine Glioma Diagnosis**

© K Satomi¹; K Yamasaki²; A Yoshida¹; S Wakai¹; Y Matsushita¹; Y Narita¹; T Komori³; R Nishikawa⁴; K Ueki⁵; K Ichimura⁶

¹National Cancer Centre Hospital, Tokyo, Japan; ²Osaka City General Hospital, Osaka, Japan; ³Tokyo Metropolitan Neurological Hospital, Tokyo, Japan; ⁴Saitama Medical University International Medical Centre, Saitama, Japan; ⁵Dokkyo University School of Medicine, Tochigi, Japan; ⁶National Cancer Centre Research Institute, Tokyo, Japan

▶ 08.30 – 11.50

Rome

SYMPOSIUM

Renal Pathology – Thrombotic Microangiopathy: What Does the Renal Biopsy Add to Patient Management?

Chair: Prof HT Cook, Imperial College London, London, UK

Prof ISD Roberts, John Radcliffe University Hospital, Oxford, UK

08.30–08.45 **Introduction and Definitions**

Prof ISD Roberts

John Radcliffe University Hospital, Oxford, UK

08.45–09.10 **TMA: The German Experience**

Dr T Wiech

Universitätsklinikum Hamburg-Eppendorf, Hamburg, Germany

09.10–09.35 **TMA: Clinicopathological Correlations**

Prof HT Cook

Imperial College London, London, UK

09.35–09.50 **Discussion**

09.50–10.30 **REFRESHMENT BREAK / TRADE EXHIBITION** [Trajectum]

OFFICIAL POSTER ROUNDS [Lobby] — See page 33 for details

▶ 08.30 – 11.50 — *continued*

Rome

10.30–11.00 **[S23] Diabetic Nephropathy: New Insights into Pathogenesis**

Dr C Alpers

University of Washington Medical Center, Seattle, USA

11.00–11.12 **Case Presentation 1**

Dr S Wilhelmus

Pathan BV, Rotterdam, NL

11.12–11.24 **Case Presentation 2**

Dr JJTH Roelofs

AMC, Amsterdam, NL

11.24–11.36 **Case Presentation 3**

Dr M Abdul Hamid

Maastricht, NL

11.36–11.48 **Case Presentation 4**

Dr D Cohen

Leiden, NL

▶ 09.50 – 10.25

Trajectum

POSTER VIEWING and OFFICIAL ROUNDS

CHAIR GROUP — CATEGORY	POSTER NUMBER	CHAIR
11 – Gastrointestinal 4	P61–67	Prof RFT McMahon, Manchester; Prof P Quirke, Leeds
12 – Gastrointestinal 5	P68–73	Dr M Loughrey, Belfast; Prof R Langer, Bern
13 – Gastrointestinal 6	P74–79	Prof R Feakins, London; <i>chair to be confirmed</i>
14 – Gynaecological 1	P80–84	Dr N Wilkinson, London; Dr N Orsi, Leeds
15 – Gynaecological 2	P85–89	Prof T Bosse, Leiden; Prof CS Herrington, Edinburgh
16 – Gynaecological 3	P90–94	Dr K Vroobel, London; <i>chair to be confirmed</i>
17 – Hepatobiliary/Pancreas	P95–99	Prof R Goldin, London; Prof SG Hubscher, Birmingham
18 – Renal	P100–101	Dr K Amann, Erlangen; Prof ISD Roberts, Oxford
19 – Osteoarticular/Soft Tissue	P102–103	Prof C Antonescu, New York; Prof C Fisher, London

▶ 08.30 – 12.00

Madrid

UNDERGRADUATES' DAY — including Oral Presentations
From Cradle to Grave

Chair: Dr RJ Byers, General Secretary, Pathological Society; University of Manchester, Manchester, UK
Miss S Kemper, Maastricht University, Maastricht, NL

08.30–08.40 **Welcome**

Miss S Kemper
Maastricht University, Maastricht, NL

08.40–09.05 **[S24] Pathology is Part of Biology**

Prof WJ Mooi
VU University Medical Centre Amsterdam, Amsterdam, NL

09.05–09.40 **[S25] Extremely Preterm Infants: A Clinicopathological Perspective**

Dr E Villamor
Maastricht University Medical Center (MUMC+), Maastricht, NL

09.40–10.30 **REFRESHMENT BREAK / TRADE EXHIBITION** [Trajectum]
OFFICIAL POSTER ROUNDS [Lobby] — See page 33 for details

Chair: Dr RJ Byers, General Secretary, Pathological Society; University of Manchester, Manchester, UK
Miss G van der Else, Maastricht University, Maastricht, NL

10.30–11.05 **[S26] Neuroblastoma: Taming of a Double Headed Dragon**

Prof Dr R Versteeg
Academic Medical Center, Amsterdam, NL

11.05–11.15 **Path Soc Case Report Prize Winner (Undergraduate)**
Congenital Neuroblastoma: When it Doesn't All Add Up

Dr C Slater
Manchester University NHS Foundation Trust, Manchester, UK

11.15–11.25 **Undergraduate Oral Presentation 1**

[P5] How Representative are Tissues Donated to Specialist Breast Cancer Biobanks? A Retrospective Analysis of the Breast Cancer Now Tissue Bank

© J Williams¹; S Jackson¹; A Condon¹; L Tate¹; A Berwick¹; M Hughes²; L Jones²; A Hanby¹; V Speirs¹
¹Leeds Institute of Cancer and Pathology, Leeds, UK; ²Barts Cancer Institute, London, UK

▶ 08.30 – 12.00 — *continued*

Madrid

11.25–11.35 **Undergraduate Oral Presentation 2**
[P117] Characterization of the Immune Infiltrate Present in Early and Late Stage Sporadic and Hereditary Neoplastic Lesions of the Colon

© LN Spaans¹; S Miranda²; D Garcia³; JC Machado²; F Carneiro⁴
¹Maastricht University, Maastricht, NL; ²IPATIMUP, Porto, Portugal; ³Medical Faculty of the University of Porto, Porto, Portugal; ⁴IPATIMUP/Centro Hospitalar São João, Porto, Portugal

11.35–11.45 **Undergraduate Oral Presentation 3**
*Details to be confirmed*11.45–11.55 **Undergraduate Oral Presentation 4**
[P94] Analysing the Epidemiology of Molar Pregnancies in England

© JJ Lewis¹; J Pawade²
¹University of Bristol, Southport, UK; ²Southmead Hospital, Bristol, UK

11.55–12.00 **Best Undergraduate Oral Presentation Prizes**

▶ 12.05 – 12.50

Auditorium 2

THE PATHOLOGICAL SOCIETY OF GREAT BRITAIN & IRELAND
SIR N WRIGHT LECTURE

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

[S27] Exploring Neutrophil Function to Delineate Novel Treatments in Acute Respiratory Distress Syndrome

Dr DA Dorward
Centre for Inflammation Research, Queen's Medical Research Institute, University of Edinburgh, Edinburgh, UK

▶ 12.50 – 14.00

LUNCH / TRADE EXHIBITION [Trajectum]
POSTER VIEWING [Lobby]

▶ 13.05–13.50

Athens

INDUSTRY SPONSORED LUNCHTIME SYMPOSIUM 2
 See page 57 for details

▶ 13.05–13.50

Rome

INDUSTRY SPONSORED LUNCHTIME SYMPOSIUM 3
 See page 57 for details

▶ 14.00 – 17.10

Athens

SYMPOSIUM — including Oral Presentations
New Perspectives on Biliary Tract Disease
 Chair: Prof R Goldin, Imperial College London, London, UK
 Dr J Verheij, Academic Medical Center, Amsterdam, NL

14.00–14.25 **[S28] *General Clinical Introduction in Hepatobiliary Disease***
 Dr J de Bruijne
 University Medical Center Utrecht, Utrecht, NL

14.25–14.50 ***Clinicopathological Features of Biliary Neoplasms***
 Dr M Komuta
 Cliniques Universitaires Saint-Luc, Brussels, Belgium

14.50–15.15 **[S29] *Scoring Systems for Liver Disease, Their Relevance and New Developments in Scoring Biliary Diseases***
 Prof SG Hubscher
 University of Birmingham, Birmingham, UK

15.15–15.50 **REFRESHMENT BREAK / TRADE EXHIBITION** [Trajectum]
POSTER VIEWING [Lobby]

▶ 14.00 – 17.10 — *continued*

Athens

15.50–16.15 ***Drug Induced Liver Injury***
 Prof R Goldin
 Imperial College London, London, UK

16.15–16.40 **[S30] *IgG4-Associated Cholangitis***
 Dr J Verheij
 Academic Medical Center, Amsterdam, NL

16.40–16.50 **[O21] *The Roles of Gap Junctional Intercellular Communication in Non-Alcoholic Steatohepatitis (NASH) and Hepatocarcinogenesis: Establishment a Model of NASH***
 © A Naiki-Ito¹; H Kato²; S Suzuki²; Y Yamashita²; S Takahashi²
¹Nagoya City University Graduate School of Medical Sciences/ Nagoya City East Medical Centre, Nagoya, Japan; ²Nagoya City University Graduate School of Medical Sciences, Nagoya, Japan

16.50–17.00 **[O22] *Rapid Evaporative Ionization Mass Spectrometry to Differentiate Between Normal Liver and Tumour Tissues***
 © PM Vaysse¹; HI Grabsch²; J de Vos-Geelen³; SWM Olde Damink⁴; RMA Heeren¹; T Porta¹
¹Maastricht Multimodal Molecular Imaging (M4I) Institute, Maastricht University, Maastricht, NL; ²Department of Pathology, Maastricht University Medical Center+, Maastricht, NL; ³Department of Internal Medicine, Division of Medical Oncology, Maastricht University Medical Center+, Maastricht, NL; ⁴Department of Surgery, Maastricht University Medical Center+, Maastricht, NL

17.00–17.10 **[O23] *Mutation Screening Using Formalin-Fixed Paraffin-Embedded Tissues: A Stratified Approach According to DNA Quality***
 F Cucco¹; A Clipson¹; H Kennedy¹; JS Thompson¹; M Wang¹; S Barrans²; M Van Hoppe²; E Ochoa Ruiz¹; J Caddy³; D Hamid³; T Cummin⁴; C Burton²; AJ Davies⁴; P Johnson⁴; © MQ Du¹
¹Department of Pathology, University of Cambridge, Cambridge, UK; ²HMDS, Leeds Teaching Hospitals NHS Trust, Leeds, UK; ³Southampton Clinical Trials Unit, University of Southampton, Southampton, UK; ⁴Cancer Research UK Clinical Centre, University of Southampton, Southampton, UK

▶ 14.00 – 17.00

Auditorium 2

SYMPOSIUM — including Oral Presentations
Current Issues in Uterine Pathology for the Diagnostic Histopathologist
 Jointly organised by Dr N Wilkinson and the Trainees' Meetings Sub-Committee
 Chair: Dr K Allen, Leeds Teaching Hospitals NHS Trust, Leeds, UK
 Dr N Wilkinson, University College London Hospitals
 Foundation Trust, London, UK

14.00–14.35 **[S31] What's New and Important in Reporting of Uterine Cancers**
 Dr KM Vroobel
The Royal Marsden NHS Foundation Trust, London, UK

14.35–15.10 **Advances in the Molecular Aspects of Endometrial Cancer**
 Dr T Bosse
Leiden University Medical Center, Leiden, NL

15.10–15.40 **REFRESHMENT BREAK / TRADE EXHIBITION** [Trajectum]
POSTER VIEWING [Lobby]

15.40–16.15 **An Update of Uterine Mesenchymal Tumours**
 Dr S Croce
Institut Bergonié, Bordeaux, France

16.15–16.40 **[S32] Challenging Cases in Uterine Pathology**
 Dr N Wilkinson
University College London Hospitals Foundation Trust, London, UK

Chair: Dr S Croce, Institut Bergonié, Bordeaux, France
 Dr N. Wilkinson, University College London Hospitals
 Foundation Trust, London, UK

16.40–16.50 **[O25] Preclinical Assessment of 17 β -Hydroxysteroid Dehydrogenase-1 in Endometrial Cancer**
 © GFJ Konings¹; KMC Cornel¹; S Xanthoulea¹; B Delvoux¹; N Saarinen²; L Kooreman¹; P Koskimies²; C Krakstad³; KE Fasmer³; IS Haldorsen³; MR Häkkinen⁴; S Auriola⁴; L Dubois¹; N Lieuwes¹; F Verhaegen¹; LEJ Schyns¹; HB Salvesen³; AJ Groot¹; MY Bongers¹; RFP Kruitwagen¹; A Romano¹
¹MUMC, Maastricht, NL; ²Forendo Pharma, Turku, Finland; ³Haukeland University Hospital, Bergen, Norway; ⁴University of Eastern Finland, Kuopio, Finland

16.50–17.00 **[O26] Placental Maternal Vascular Malperfusion Lesions in Relation to Doppler Velocimetry in Pregnancies Complicated by Placenta Syndrome**
 © LAP Evers; V Schiffer; C Severens-Rijvers; M Spaanderman; S Al-Nasiry
Maastricht University Medical Centre, Maastricht, NL

▶ 14.00 – 17.10

Rome

SYMPOSIUM — including Oral Presentations
Renal Pathology – Macrophage Quantification in Glomerulonephritis: Should it be Routine Practice?
 Chair: Prof HT Cook, Imperial College London, London, UK
 Prof ISD Roberts, John Radcliffe University Hospital, Oxford, UK

14.00–14.25 **Lupus Nephritis**
 Dr K Amann
Friedrich-Alexander University, Erlangen, Germany

14.25–14.50 **IgA Nephropathy**
 Dr M Soares
John Radcliffe University Hospital, Oxford, UK

14.50–15.00 **Discussion**

15.00–15.20 **REFRESHMENT BREAK / TRADE EXHIBITION** [Trajectum]
POSTER VIEWING [Lobby]

15.20–16.10 **Renal Pathology EQA Discussion**
 Prof ISD Roberts
John Radcliffe University Hospital, Oxford, UK

16.10–16.40 **Transplant Pathology Renal EQA Discussion**
 Dr D Neil
University Hospital Birmingham, Birmingham, UK

16.40–16.50 **[O27] C4d Positive Renal Transplant Biopsies With No other Evidence of Rejection: Transcriptional Investigation of Biological Significance Using Nanostring nCounter Technology**
 © CA Roufosse¹; M Willicombe¹; J Galliford²; HT Cook¹; A McLean²; K Dominy²
¹Imperial College, London, UK; ²Imperial College Healthcare NHS Trust, London, UK

16.50–17.00 **[O28] The Histopathological Spectrum of Monoclonal Gammopathies of Renal Significance: A Single Centre Experience**
 A Kousios¹; T Brah¹; E Troy-Barnes¹; N Duncan¹; K Naresh²; A Chaidos³; R Charif¹; T Cook⁴; © C Roufosse⁴
¹West London Renal and Transplant Centre, Imperial College NHS Trust, London, UK; ²Department of Cellular and Molecular Pathology, Hammersmith Hospital Campus, Imperial College Healthcare NHS Trust, London, UK; ³Centre for Haematology, Department of Medicine, Imperial College London, London, UK; ⁴Department of Histopathology, Imperial College NHS Trust, London, UK

▶ 14.00 – 17.10 — *continued*

Rome

SYMPOSIUM: Renal Pathology – Macrophage Quantification in Glomerulonephritis: Should it be Routine Practice?
(continued)

- 17.00–17.10 **[O29] Peritubular Capillary Loss is Induced in the First Month After Transplantation by Ischemic and Allo-Immune Injury**
 © AA Keijbeck¹; FME Steegh¹; MAC Gelens²; LWE van Heurn³; EAL Biessen¹; MHL Christiaans²; CJ Peutz-Kootstra¹
¹Department of Pathology, Maastricht University Medical Centre, Maastricht, NL;
²Department of Internal Medicine, Maastricht University Medical Centre, Maastricht, NL;
³Department of Surgery, Academic Medical Centre, Amsterdam, NL

▶ 14.00 – 17.30

Madrid

UNDERGRADUATES' DAY — CONTINUED
From Cradle to Grave

Chair: Prof MJ Arends, University of Edinburgh, Edinburgh, UK
 Miss L Willems, Maastricht University, Maastricht, NL

- 14.00–14.05 **Pathological Society Undergraduate Essay Prize Competition: Presentation to Winner — Mr S Seth**
- 14.05–14.30 **[S33] Why is Cancer a Disease of Old People and Sometimes of Children?**
 Prof JHJ van Krieken
 Radboud University, Nijmegen, NL
- 14.30–14.55 **[S34] Alzheimer's Disease: Imaging Neuropathology In Vivo**
 Dr HIL Jacobs
 Maastricht University and Harvard Medical School/MGH, Maastricht, NL
- 14.55–15.20 **[S35] Forensic Pathology in the Netherlands**
 Prof B Kubat
 MUMC, Netherland Forensic Institute, Maastricht, NL
- 15.20–15.50 **REFRESHMENT BREAK / TRADE EXHIBITION** [Trajectum]
POSTER VIEWING [Lobby]
- 15.50–17.30 **Workshop: Hands-on Forensic Pathology**
 Chair: Dr BGH Latten, Maastricht University Medical Center, Maastricht, NL
Participants registered for the workshop will meet at 15.40 at the Registration Desk and walk together over to the Hospital's Autopsy Room.

▶ 18.00 – 20.00

Maaspromenade 58

TRAINEES' AND UNDERGRADUATES' NETWORKING BOAT TRIP
 (Additional £10 fee applies)

Boat located at Maaspromenade 58 (between St. Servas Bridge and Wilhelmina Bridge). Boat name: Jekervallei.

Buses will depart at 17.30.

▶ 07.30

Trajectum

REGISTRATION and COFFEE

▶ 08.30 – 11.50

Berlin

SYMPOSIUM***Molecular Pathological Epidemiology (MPE)***

Chair: Prof PA van den Brandt, Maastricht University, Maastricht, NL
 Prof M von Engeland, Dept of Pathology, Maastricht University
 Medical Center, Maastricht, NL

08.30–09.05 ***MPE Transforms Pathology: Integrating Genomics, Microbiome and Immunology***

Prof S Ogino
Brigham and Women's Hospital, Dana-Farber Cancer Institute, Harvard Medical School, Boston, USA

09.05–09.40 **[S36] *Aspirin, Statins and Molecular Pathological Epidemiology of Colon Cancer***

© Dr MB Loughrey¹; HG Coleman²
¹Royal Victoria Hospital, Queen's University Belfast, Belfast, UK; ²Queen's University Belfast, Belfast, UK

09.40–10.30 **REFRESHMENT BREAK / TRADE EXHIBITION [Trajectum]**
OFFICIAL POSTER ROUNDS [Lobby] — See page 45 for details

10.30–11.05 **[S37] *Molecular Pathological Epidemiology of Lifestyle Factors and Colorectal and Renal Cell Cancer Risk***

Prof PA van den Brandt
Maastricht University, Maastricht, NL

11.05–11.40 **[S38] *Strategies for Investigating Etiologic Heterogeneity of Cancer***

Prof CB Begg
Memorial Sloan Kettering Cancer Center, New York, USA

11.40–12.00 **Round Table Discussion**

▶ 08.30 – 11.50

Athens

SYMPOSIUM — including Oral Presentations***Dermatopathology***

Chair: Prof WJ Mooi, VU University Medical Center Amsterdam, Amsterdam, NL
 Prof A zur Hausen, Maastricht University, Maastricht, NL

08.30–08.55 **[S39] *Reactive Epidermal and Dermal Changes in Melanocytic Tumours***

Prof WJ Mooi
VU University Medical Center Amsterdam, Amsterdam, NL

08.55–09.20 **[S40] *Naevoid Pigment Cell Lesions***

Dr JJ van den Oord
University Hospitals, KULeuven, Leuven, Belgium

09.20–09.45 ***Soft Tissue Tumours of the Skin***

Dr T Brenn
Cumming School of Medicine, University of Calgary, Calgary, Canada

09.45–10.30 **REFRESHMENT BREAK / TRADE EXHIBITION [Trajectum]**
OFFICIAL POSTER ROUNDS [Lobby] — See page 45 for details

10.30–10.55 ***Cutaneous Adnexal Tumours***

Prof D Kazakov
Charles University Medical Faculty Hospital, Pilsen, Czech Republic

10.55–11.20 **[S41] *New Melanoma Syndromes: BAP1 and Beyond – Impact on the Pathologist***

Dr T Wiesner
Medical University of Vienna, Vienna, Austria

11.20–11.30 **[O30] *Prognostic Value of Ran Expression in Malignant Melanoma and Potential Implication on Patient Management***

© S Elsheikh¹; I Kouzoukakis²; C Fielden²; T Pereira Raposo²;
 M El-Tanani³; M Ilyas²

¹Nottingham University Hospital, Nottingham, UK; ²University of Nottingham, Nottingham, UK; ³University of Bradford, Bradford, UK

11.30–11.40 **[O31] *Early B Cell Gene Expression Pattern in Merkel Cell Carcinoma***

© E Chteinberg¹; D Rennspiess¹; AM Haugg¹; V Winnepenninckx¹;
 EJ Speel¹; AK Kurz²; M Zenke²; A zur Hausen¹

¹Maastricht University Medical Centre+, Maastricht, NL; ²RWTH Aachen University Hospital, Aachen, Germany

▶ 08.30 – 11.50 — *continued*

Athens

SYMPOSIUM: Dermatopathology (continued)

11.40–11.50 **[O32] The Use of PD1 and PDL1 as Prognostic Markers in Malignant Melanoma**

© S Elsheikh; A Wignall
Nottingham University Hospital, Nottingham, UK

▶ 08.30 – 12.00

Rome

SYMPOSIUM — including Oral Presentations
An Update on the Pathology of Prostate Cancer

Chair: Dr L Browning, John Radcliffe Hospital, Oxford, UK
Dr M Varma, University Hospital of Wales, Cardiff, UK

08.30–09.05 **[S42] Prostate Cancer Staging and Datasets: The Nitty-Gritty**

Prof DM Berney
Barts Health NHS Trust, London, UK

09.05–09.40 **[S43] Intraductal Carcinoma of the Prostate**

Dr M Varma
University Hospital of Wales, Cardiff, UK

09.40–10.30 **REFRESHMENT BREAK / TRADE EXHIBITION** [Trajectum]
OFFICIAL POSTER ROUNDS [Lobby] — See page 45 for details

10.30–11.00 **[S44] Prostate Cancer: Update on Gleason Grading**

Dr A van Leenders
Erasmus Medical Center, Rotterdam, NL

11.00–11.30 **Molecular Pathology and Biomarkers of Prostate Cancer**

Prof G Kristiansen
University Hospital of Bonn, Bonn, Germany

11.30–11.40 **[O33] Sequencing Older Archived FFPE DNA: First-Hand Experience and Potential Pitfalls**

© JAA van de Pol¹; P Ferronika²; MM Terpstra²; PA van den Brandt¹; M van Engeland³; K Kok²; LJ Schouten¹
¹Department of Epidemiology, GROW-School for Oncology and Developmental Biology, Maastricht University, Maastricht, NL; ²Department of Genetics, University of Groningen, University Medical Centre Groningen, Groningen, NL; ³Department of Pathology, GROW-School for Oncology and Developmental Biology, Maastricht University Medical Centre, Maastricht, NL

▶ 08.30 – 12.00 — *continued*

Rome

11.40–11.50 **[O34] Sensitivity of Transperineal Template Prostate Biopsy: A Proposal to Estimate How Many Cores to Take Based on PSA Density**

© L Beltran; YZ Tang; L Heptinstall; F Chinegwundoh; D Berney
Barts Health NHS Trust, London, UK

11.50–12.00 **[O35] Tumour Seeding in the Tract of Percutaneous Renal Tumour Biopsy: A Report of Six Cases from a UK Tertiary Referral Centre**

© P Macklin¹; M Sullivan²; C Tapping³; D Cranston²; G Webster²; ISD Roberts¹; C Verrill¹; L Browning¹
¹Department of Cellular Pathology, John Radcliffe Hospital, Oxford, UK; ²Department of Urology, Churchill Hospital, Oxford, UK; ³Department of Radiology, John Radcliffe Hospital, Oxford, UK

▶ 09.50 – 10.25

Trajectum

POSTER VIEWING and OFFICIAL ROUNDS

CHAIR GROUP — CATEGORY	POSTER NUMBER	CHAIR
20 – Autopsy/Forensic	P104–108	Prof S Fleming, Dundee; Prof B Kubat, Maastricht
21 – Cellular/Molecular Pathology 1	P109–113	Dr RJ Byers, Manchester; Prof M Ilyas, Nottingham
22 – Breast Cellular/Molecular Pathology 2 Experimental Tumour Pathology Technical Advances 1	P13 P114 * P116–117 P145–146	Prof MJ Arends, Edinburgh; Dr V Melotte, Maastricht
23 – Technical Advances 2	P147–152	Prof GI Murray, Aberdeen; Prof E-J Speel, Maastricht
24 – Education and Audit	P118–121	Dr L Browning, Oxford; Dr V Winnepenninckx, Maastricht
25 – Genitourinary 1	P122–127 *	Prof D Berney, London; Dr M Varma, Cardiff
26 – Genitourinary 2 Neonatal/Paediatric	P128 P129–131	Dr G Kristiansen, Bonn; <i>chair to be confirmed</i>
27 – Head and Neck Skin 1	P132–134 P135–138	Dr N Kirkham, Livingston; Dr A zur Hausen, Maastricht
28 – Skin 2	P139–143 *	Prof T Brenn, Calgary; Dr T Wiesner, Vienna

* Posters P115, P126 and P144 have been withdrawn

▶ 08.30 – 12.00

Lisbon

TRAINEES' SESSION***An Update on the Pathology of Prostate Cancer***

Chair: Dr A Westwood, St James's University Hospital, Leeds, UK
 Dr C Young, University of Leeds, Leeds, UK

08.30–09.40 CASE COMPETITION SLIDE SEMINAR DISCUSSION**08.30–08.38 Case 1**

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

08.40–08.48 Case 2

Dr BGH Latten
 Maastricht University Medical Center, Maastricht, NL

08.50–08.58 Case 3

Dr A van der Leden
 Maastricht University Medical Center, Maastricht, NL

09.00–09.08 Case 4

Dr J van Heusden
 Maastricht University Medical Center, Maastricht, NL

09.10–09.18 Case 5

Dr K Griffin
 St James's Hospital, Leeds, UK

09.20–09.28 Case 6

Dr J Griffin
 Sheffield Teaching Hospitals NHS Foundation Trust, Sheffield, UK

**09.40–10.30 REFRESHMENT BREAK / TRADE EXHIBITION [Trajectum]
 OFFICIAL POSTER ROUNDS [Lobby] — See page 45 for details**▶ 08.30 – 12.00 — *continued*

Lisbon

TRAINEES' SESSION***International Training Programme Forum***

Chair: Dr BGH Latten, Maastricht University Medical Center, Maastricht, NL
 Dr C Young, University of Leeds, Leeds, UK

10.30–11.00 JOINT PRESENTATION**[S45] *Standards of Training in Pathology Across Europe: Results from an International Survey***

© Dr M Urbanowicz¹; BGH Latten²; D Pinto³; F Bosman⁴
¹European Organisation for Research and Treatment of Cancer (EORTC), European Society of Pathology (ESP), Brussels, Belgium; ²MUMC+, Maastricht, NL; ³Centro Hospitalar de Lisboa Ocidental, EPE, Nova Medical School, Lisboa, Portugal; ⁴Emeritus Professor of Pathology, University of Lausanne Medical Center, Lausanne, Switzerland

[S46] *Standards of Training in Pathology Across Europe: Results from an International Survey*

© Dr D Pinto¹; © M Urbanowicz²; FT Bosman³
¹Centro Hospitalar de Lisboa Ocidental, EPE, Lisboa, Portugal; ²Medical Dept., EORTC, Brussels, Belgium; ³Lausanne University Hospital | CHUV, Lausanne, Switzerland

11.00–12.00 PANEL DISCUSSION

Prof F Bosman
 CHUV, Lausanne, Switzerland

Prof C Cuvelier
 Department of Medical and Forensic Pathology, Ghent University, Ghent, Belgium

Dr D Pinto
 Centro Hospitalar de Lisboa Ocidental, Lisbon, Portugal

Prof P Quirke
 Leeds Institute of Cancer and Pathology, Leeds, UK

Prof P van der Valk
 Vrije University Medical Center, Amsterdam, NL

Dr C Young
 University of Leeds, Leeds, UK

▶ 12.00 – 14.00

LUNCH / TRADE EXHIBITION [Trajectum]
POSTER VIEWING [Lobby]

▶ 12.10 – 13.05

Lisbon

SYMPOSIUM**Mass Spectrometry Imaging – Possibilities in Pathology**

Chair: Dr B Balluff, Maastricht University, Maastricht, NL
 Dr T Porta, Maastricht University, Maastricht, NL

12.10–12.30 **MALDI Imaging – Possibilities in Pathology**

Dr K Schwamborn
 TU, Munchen, Germany

12.30–12.50 **Imaging Mass Microscope – A New Tool for Tissue Analysis in Clinical Research**

Dr A-C Niehoff
 Shimadzu, Duisburg, Germany

12.50–13.05 **Data Analysis Strategies for Managing Large Cohorts of MS Imaging Studies**

Dr D Trede
 SCiLS, Bremen, Germany

▶ 13.00 – 14.00

Berlin

**THE PATHOLOGICAL SOCIETY OF GREAT BRITAIN & IRELAND
 ANNUAL GENERAL MEETING**

(Agendas will be sent to Members)

▶ 14.00 – 16.30

Auditorium 2

PLENARY ORAL PRESENTATIONS

Chair: Prof AM Flanagan, UCL Cancer Institute, London, UK
 Prof ISD Roberts, John Radcliffe University Hospital, Oxford, UK

14.00–14.15 **[PL1] Histological Features of Neoadjuvant Endocrine Therapy Response and Effect on Tumour Phenotype in Luminal Breast Cancer**

Ⓢ AM Shaaban¹; N Badr²

¹Queen Elizabeth Hospital Birmingham and University of Birmingham, Birmingham, UK;
²University of Birmingham, Birmingham, UK

14.15–14.30 **[PL2] Investigating Stromal-Epithelial Interactions Using a Novel 3D Breast Cancer Organoid Model: Regulation of the Basal Epithelial Phenotype by Cancer-Associated Fibroblasts**

Ⓢ CJ Hanley¹; GJ Thomas¹; AJ Ewald²

¹University of Southampton, Southampton, UK; ²Johns Hopkins, Baltimore, USA

14.30–14.45 **[PL3] Copy Number Signatures Elucidate Mechanisms Underlying Sarcoma Heterogeneity**

Ⓢ CD Steele¹; S Behjati²; F Amary³; R Tirabosco³; P Van Loo⁴;
 AM Flanagan¹; N Pillay¹

¹UCL Cancer Institute, London, UK; ²Wellcome Trust Sanger Institute, Hinxton, UK; ³Royal National Orthopaedic Hospital NHS Trust, Stanmore, UK; ⁴Francis Crick Institute, London, UK

14.45–15.00 **[PL4] Potential Place of Risk-Reducing Salpingectomy in BRCA1/2 Carriers: Prevalence of Malignancies and/or In-Situ Lesions at Risk Reducing Salpingo-Oophorectomy Over a 16 Year Period**

F Blok; Ⓢ S Dasgupta; WNM Dinjens; HJ van Beekhuizen;
 Ⓢ PC Ewing-Graham

Erasmus Medical Center, Rotterdam, NL

15.00–15.30 **REFRESHMENT BREAK / TRADE EXHIBITION** [Trajectum]
POSTER VIEWING [Lobby]

▶ 14.00 – 16.30

Auditorium 2

PLENARY ORAL PRESENTATIONS *(continued)*

- 15.30–15.45 **[PL5] Frequent Homologous Recombination Deficiency in High-Grade Endometrial Carcinomas**
 © MM de Jonge¹; A Auguste²; LM van Wijk¹; PC Schouten¹; M Meijers¹; NT ter Haar¹; VTH Smit¹; H Vrieling¹; CD de Kroon¹; E Rouleau²; A Leary²; MPG Vreeswijk¹; T Bosse¹
¹Leiden University Medical Center, Leiden, NL; ²Gustave Roussy Cancer Center, Villejuif, France
- 15.45–16.00 **[PL6] Upregulation of Aldo-Keto-Reductase 1C1 and 1C3 (AKR1C1, AKR1C3) is Associated with Poor Prognosis in Oropharyngeal Squamous Cell Carcinomas (OPSCC) Independent of Human Papillomavirus (HPV) Status**
 © EJM Speel¹; FS Verhees¹; L Poluschkin²; NS Olthof¹; J Kolligs²; OG Siefer²; MS Henfling¹; FCS Ramaekers¹; SF Preuss²; D Beutner²; J Seehawer²; U Drebber²; WL Lam³; EA Vucic³; BS Kremer¹; JP Klussmann⁴; CU Huebbers²
¹Maastricht UMC, Maastricht, NL; ²University of Cologne, Cologne, Germany; ³British Columbia Cancer Research Center, Vancouver, Canada; ⁴University of Giessen, Giessen, Germany
- 16.00–16.15 **[PL7] Predicting the Response to Pre-Operative Short Course Radiotherapy in Rectal Cancer: a Potential Role for Raman Spectroscopy?**
 © CJ Kirkby¹; J Gala de Pablo²; E Tinkler-Hundal¹; H Wood¹; SD Evans²; NP West¹
¹Pathology and Tumour Biology, Leeds Institute of Cancer and Pathology, University of Leeds, Leeds, UK; ²Molecular and Nanoscale Physics Group, University of Leeds, Leeds, UK

▶ 16.20 – 16.50

Auditorium 2

PRESENTATIONS AND AWARDS

- 16.20–16.35 **PALGA Award: Best Scientific Paper**
 Presented by: Prof I Nagtegaal, Radboud University, Nijmegen, NL
- 16.35–16.50 **Pathological Society: Most Impactful Trainee Award**
 Presented by: Prof MJ Arends, Chair, Research Sub-Committee, Pathological Society, London
- Digital Pathology: The Evidence Base, Training and Validation**
 Dr B Williams
 Leeds Teaching Hospitals NHS Trust and The University of Leeds, Leeds, UK

▶ 16.55 – 17.45

Auditorium 2

THE PATHOLOGICAL SOCIETY OF GREAT BRITAIN & IRELAND DONIACH LECTURE

Chair: Prof P Quirke, President, Pathological Society; Leeds Institute of Cancer and Pathology, University of Leeds, Leeds, UK

[S47] Discovery Pathology and New Approaches to Treatment

Prof JE Martin

Barts and the London School of Medicine and Dentistry, Queen Mary University London, London, UK

▶ 19.00 – 23.30

Grotten van Kanne, Reimst, Belgium

CONFERENCE DINNER

Outward buses will depart at 18.45.

Return shuttle buses will be available from 23.00

Conference Dinner ending time of 23.30 to be confirmed

▶ 08.40 – 17.15

COMPANION MEETING

Madrid

**ACEM (Association of Clinical Electron Microscopists)
COMPANION MEETING**

Chair: Mr G Anderson, Great Ormond Street Hospital for Children,
London, UK
Mr B Wagner, Royal Hallamshire Hospital, Sheffield, UK

08.40–09.10 **Adult-onset Still's Disease: A Presentation of Cases from the West
London Renal and Transplant Centre**

Dr L Moran
Charing Cross Hospital, London, UK

09.10–09.40 **Understanding IgA Disease**

Dr P Prasad
St James's Hospital, Leeds, UK

09.40–10.30 **REFRESHMENT BREAK / TRADE EXHIBITION [Trajectum]
OFFICIAL POSTER ROUNDS [Lobby] — See page 45 for details**

10.30–11.00 **Cornea Case Presentation**

Dr L Angus
Southampton General Hospital, Southampton, UK

11.00–11.30 **EM EQA Feedback Session**

Mrs T de Haro
Leicester Royal Infirmary, Leicester, UK

11.30–11.45 **GROUP PHOTOGRAPH and SIGNING-IN**

11.45–12.00 **Oral Presentation**

**Ultrathin / SUP Meeting Announcement Presentation
Amsterdam June 2020**

Dr NN van der Wel
Academic Medical Centre, University of Amsterdam, Amsterdam, NL

12.00–13.00 **LUNCH / TRADE EXHIBITION [Trajectum]**

POSTER VIEWING [Lobby]

13.00–14.00 **ACEM ANNUAL GENERAL MEETING**

Chair: Mr A Page, Medical School, Southampton General Hospital,
University of Southampton, Southampton, UK

▶ 08.40 – 17.15

COMPANION MEETING

Madrid

ACEM COMPANION MEETING — CONTINUED

14.00–14.30 **Cilia: New Aspects on their Physiological and Pathophysiological
Role**

Dr C Brochhausen
Department of Pathology, University of Regensburg, Regensburg, Germany

14.30–15.00 **Volume EM and Correlative Imaging of Cells and Tissues**

Dr L Collinson
The Francis Crick Institute, London, UK

15.00–15.30 **REFRESHMENT BREAK / TRADE EXHIBITION [Trajectum]
POSTER VIEWING [Lobby]**

15.30–16.00 **Beauty and Benefit of Cryo-EM for Understanding Cause and
Mechanisms in Disease**

Prof P Peters
University of Maastricht, Maastricht, NL

16.00–16.30 **Why EM is Still Useful in the Modern Era of Molecular Genetics**

Dr F van Dijk
Northwick Park and St Mark's Hospital, London, UK

16.30–17.00 **How Much Ultrastructure Do Pathologists Need to Know?**

Dr R Theias Manso
Hospital Fernando Fonseca, Amadora, Lisbon, Portugal

17.00–17.15 **DISCUSSION SESSION**

▶ 08.00

Trajectum

REGISTRATION and COFFEE

▶ 09.00 – 12.25

Auditorium 2

THE TEFAF ONCOLOGY CHAIR SUMMIT***The Future of Cancer Management***

Chair: Prof Dr F Ramaekers, GROW-School for Oncology and
Developmental Biology, Maastricht UMC, Maastricht, NL

09.00–09.10 **Welcome**

Prof Dr F Ramaekers
GROW-School for Oncology and Developmental Biology, Maastricht UMC, Maastricht, NL

EPIDEMIOLOGY AND PREVENTION09.10–09.40 ***The Global Cancer Burden: Necessity is the Mother of Prevention***

Prof Dr C Wild
International Agency for Research on Cancer, Lyon, France

09.40–10.25 ***The Prospects of Cancer Prevention***

Prof Dr H zur Hausen
Krebsforschungszentrum DKFZ, Heidelberg, Germany

10.25–10.55 **REFRESHMENT BREAK** [Trajectum]**ONCOGENESIS AND CANCER BIOLOGY**10.55–11.25 ***One Gene, 65 000 papers: So How Does p53 Work?***

Prof Sir D Lane
P53 Lab. Agency for Science, Technology and Research A*Star Singapore / KI Sweden

11.25–11.55 ***DNA Damage at the Core of Cancer and Aging***

Prof Dr J Hoeijmakers
Erasmus University Medical Center, Rotterdam, NL

11.55–12.25 ***Possible Uses of Pluripotent Stem Cells in Disease Modelling and Therapy***

Prof Dr C Verfaillie
Interdepartmental Stem Cell Institute Leuven, Catholic University Leuven, Leuven, Belgium

▶ 12.25 – 13.35

Trajectum

LUNCH

▶ 12.25 – 13.35

MECC Cafe

LUNCH FOR PHD STUDENTS — MEET THE EXPERTS

(Places are limited – separate registration required)

▶ 12.35–13.20

Auditorium 2

INDUSTRY SPONSORED LUNCHTIME SYMPOSIUM 4

See page 57 for details

▶ 13.35 – 16.45

Auditorium 2

THE TEFAF ONCOLOGY CHAIR SUMMIT — CONTINUED**CANCER DIAGNOSTICS**13.35–14.00 ***Taking the Epigenome to the Cancer Patient***

Prof Dr J Herman
University of Pittsburgh Cancer Institute, The Hillman Cancer Center, Pittsburgh, USA

14.00–14.25 ***Doubling Survival in Bowel Cancer***

Prof P Quirke
Leeds Institute of Cancer and Pathology, University of Leeds, Leeds, UK

14.25–14.55 **REFRESHMENT BREAK** [Trajectum]**CANCER TREATMENT**14.55–15.20 ***Radiomics***

Prof Dr R Gillies
H. Lee Moffitt Cancer Center and Research Institute, Phoenix, USA

15.20–15.45 ***Restoring Immunosurveillance by Dendritic Cell Vaccines in Cancer Patients***

Prof Dr J de Vries
Department of Tumor Immunology and Medical Oncology, Radboud UMC, Nijmegen, NL

15.45–16.45 **Plenary Discussion****End of Conference**

ABSTRACT REVIEWERS

Prof MJ Arends, Edinburgh	Dr G Kokai, Liverpool
Dr EW Benbow, Manchester	Dr B Loftus, Dublin
Prof DM Berney, London	Dr M Loughrey, Belfast
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Dr TS Jacques, London	Dr L Venkatraman, Belfast
Dr N Kirkham, Glasgow	Prof KP West, Leicester

INDUSTRY SPONSORED SYMPOSIA

▶ Tue 19 June | 13.05–13.50

Berlin

Lunchtime Symposium 1

THERMO FISHER SCIENTIFIC

Implementation of NGS Assays for Colon and Lung in Clinical Diagnostic Lab

Speakers: P Bennett, Lead Clinical Scientist

S Cannon, Molecular Diagnostics, HCA, London

▶ Wed 20 June | 13.05–13.50

Athens

Lunchtime Symposium 2

AGENA BIOSCIENCE

Liquid Biopsy: A New Concept in Cancer Diagnostics

Speaker: Prof K Pantel, Institute for Tumor Biology, University Medical Center Hamburg-Eppendorf, Hamburg, Germany

▶ Wed 20 June | 13.05–13.50

Rome

Lunchtime Symposium 3

DEFINIENS AG

Standardised Immunoprofiling of Cancer Tissue for Better Patient Care

Speaker: Prof Dr R Huss, Chief Medical Officer, Definiens AG, Munich, Germany

▶ Fri 21 June | 12.35–13.20

Auditorium 2

Lunchtime Symposium 4

BRISTOL-MYERS SQUIBB BV

Speaker and title to be confirmed

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