

## International Pathology Day 2016 Roundtable

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# How can we strengthen pathology education & training in low and middle-income countries?

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Date: Wednesday 16<sup>th</sup> November 2016

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Time: 13:30 – 15:30 (GMT)

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# International Pathology Day 2016

## Roundtable

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### Introduction

Health systems in low and middle-income countries face considerable challenges in providing high quality, affordable and universally accessible care. Pathology and laboratory medicine services are a critical component of any effective healthcare system, playing a vital role in the prevention, early detection, diagnosis and treatment of many diseases and conditions.

This webinar brings together an international panel of speakers to discuss the human resource challenges facing pathology services in low and middle income countries. Drawing on their knowledge and experiences, panellists will explore and debate ways to address some of these obstacles through education and training. Initiatives and strategies that are being (or need to be) established will be examined and debated in order to develop a consensus about how the training and development of laboratory health workers and professionals in resource-limited settings can be improved and sustained.

### **LEARNING OBJECTIVES**

1. To develop a critical understanding of the human resource challenges facing pathology and laboratory medicine services in low and middle income countries.
2. To discuss and explore possible initiatives and strategies aimed at building the capacity and capability of pathologists and scientists through education and training.
3. To highlight examples of best practice about what works and what is sustainable in relation to delivering high quality pathology education and training in resource limited settings.

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### Programme

| Time  | Activity  |
|-------|---|
| 13:20 | Attendees join the webinar  |
| 13:30 | <b><u>Welcome &amp; Introductions</u></b><br>Fedra Pavlou, Editor, The Pathologist Magazine   |
| 13:35 | <b><u>Background &amp; context:</u></b><br><b>How can we strengthen pathology education &amp; training in low and middle income countries?</b><br>Dr Suzy Lishman, President, The Royal College of Pathologists   |
| 13:43 | <b><u>Case study I:</u></b><br><b>Improving cervical cancer screening &amp; prevention in Eastern Europe &amp; Central Asia</b><br>Dr Philip Davies<br>Director-General, International Cervical Cancer Association  |
| 13:48 | <b><u>Case study II:</u></b><br><b>Responding to 'Countries in Need'</b><br>Professor Lei-Meng Looi<br>Chair, Countries in Need Programme<br>World Association of Pathology & Laboratory Medicine   |
| 13:55 | <b><u>Panel discussion</u></b>  |
| 14:20 | <b><u>The global conversation:</u></b><br><b>Views from Contributors &amp; Webinar Attendees</b>  |
| 14:55 | <b><u>Reaching consensus</u></b> <ul style="list-style-type: none"> <li>• Are there any key principles or emerging priorities for improving pathology education and training in low and middle-income countries?</li> <li>• Is there a need for coordination and sharing of best practice?</li> </ul> |

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| Time  | Activity   |
|-------|--|
|       | <ul style="list-style-type: none"><li>• What are the practical 'next steps'?</li></ul>                       |
| 15:15 | <b><u>Panel members: Final comments</u></b>  |
| 15:25 | <b><u>Closing remarks, acknowledgment &amp; thanks</u></b><br>Fedra Pavlou, Editor, The Pathologist Magazine |
| 15:30 | <b><u>End</u></b>  |

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### Speaker & Contributors

#### CHAIR



**Fedra Pavlou**

**Editor, The Pathologist & Editorial Director, Texere Publishing**

After graduating with a degree in pharmacology from the University of Leeds in 1998, Fedra embarked on a career in scientific publishing and communications, which spans more than 17 years to date. Her previous roles include heading up specialist scientific editorial and writing teams at market analysis firm Datamonitor, global publishing house Advanstar, and global healthcare communications firm KnowledgePoint 360 (now an Ashfield company). Most recently she joined Texere Publishing as Editorial Director to head up a team of writers and editors to develop industry-leading publications in pathology, analytical science, pharmaceutical manufacture, translational science, and ophthalmology. As Editor of The Pathologist; she has launched this innovative publication alongside a team of highly skilled and talented individuals with an exceptional track record in niche, medical and scientific publishing. The Pathologist today serves as the voice of the pathology and laboratory medicine community, giving a platform to the profession to tackle issues, concerns and controversies, to effect change, to inspire the next generation, to celebrate success and to support the future of this invaluable field.

#### PANELLISTS



**Dr Suzy Lishman**

**President, The Royal College of Pathologists**

Dr Suzy Lishman is a consultant histopathologist in Peterborough and was elected President of the Royal College of Pathologists in 2014. She is the College's youngest president, the first to be elected by the fellows rather than Council and only the second woman to be elected in its history.

Suzy's priorities as president have been to engage with all members, wherever they work and whatever specialty they work in. She has been particularly keen to support trainees and to encourage medical students to consider a career in pathology. She has also strengthened relationships with politicians and policy makers to increase understanding of the central role of pathology in healthcare.

Suzy introduced National Pathology Week in 2008 and International Pathology Day in 2014, encouraging pathologists and scientists to talk to the public about what they do and why it is important to patient care. Over the last few years thousands of events have been held in hospitals, science centres and schools worldwide, raising

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the profile of the specialty, helping patients become better informed and encouraging the next generation of pathologists.



**Dr Alec Howat**

**President, British Division of the International Academy of Pathology**

Dr Howat is President of the British Division of the International Academy of Pathology (BDIAP). He graduated from Newcastle University in 1978 and received his membership of the Royal College of Pathologists in 1986. He has been senior lecturer in pathology at Sheffield University and Consultant Histopathologist at Royal Preston Hospital, Preston. He now works in a busy district general hospital as part of a team of 11 Consultant Histopathologists. Since 2008, Dr Howat has been working with colleagues in sub-Saharan Africa to help improve Histopathology services in the region and he is a proud Founder Member of the College of Pathology of Eastern, Central & Southern Africa (COPECSA). His other professional interest is in quality in pathology. He has been on the Clinical Pathology Accreditation (UK) Professional Advisory Committee, Chairman of the Histopathology & Cytopathology National QA Advisory Panel, and Chairman of the Joint Working Group for QA in Pathology.



**Dr Maadh Aldouri**

**Director of International Affairs, The Royal College of Pathologists**

Dr Aldouri is the Program Clinical Director for cancer services, pathology and haematology at Medway Maritime Hospital and Director of clinical pathology at Darent Valley Hospitals in Kent. He also works as a Consultant Haematologist at King's College Hospital, London. He is a graduate of the College of Medicine of Bagdad University, Iraq and has worked in the Middle East for over ten years. In 1993 he co-founded the Riyadh Haematology Group in Saudi Arabia, and in the UK established a network of Iraqi pathologists. He was awarded Fellowship of The Royal College of Pathologists in 1988, and was subsequently appointed as their International Advisor for the Middle East & North African (MENA) region in 2012. His previous positions include Chair of the Haematology Group of Kent and Medway Cancer Network, Chair of the Pathology Committee of the Inter-Collegiate Iraq Liaison Group. He was appointed as the College's Director of International Affairs in January 2015.



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**Professor Paul Kaye**

**Professor of Immunology, University of York**

Paul Kaye is a Professor of Immunology at the University of York. He trained in zoology (BSc) and immunology (PhD) and has worked for over 30 years on the immunology and immunopathology of the neglected tropical disease leishmaniasis. He is internationally recognised for his research on macrophages and dendritic cells, contributing to a fundamental understanding of their biology in health and disease, and for his work on lymphoid tissue remodelling during chronic infection. Paul's research has been funded by consecutive MRC Programme Grants, he is a Wellcome Trust Senior Investigator and an elected Fellow of the Academy of Medical Sciences. He was awarded FRCPath by publication in 2004. He has extensive links with leishmaniasis-endemic countries and is currently leading a Phase II therapeutic vaccine trial in Sudan. Paul has been at the forefront of efforts to develop telepathology as a means to support research on pathogenesis and for identifying stratified approaches to the treatment of leishmaniasis.



**Dr Philip Davies**

**Director-General, International Cervical Cancer Association**

Dr Davies has been working in the field of cervical cancer prevention in Europe for many years. Dr Davies completed his medical studies in Canada, his PhD at the Institute for Cancer Research in London, and his post-doctoral training at the Pasteur Institute in Paris. In 2003, Dr Davies established the European Cervical Cancer Association (ECCA) to advance public health strategies to reduce the incidence of cervical cancer in Europe. The ECCA currently has 120 institutional members (charitable, non-profit or governmental organisations) in 34 countries across Europe. Since 2008, the ECCA has focused on health system strengthening for the implementation of cancer prevention programmes in Eastern Europe and Central Asia. In this role, the ECCA has undertaken capacity assessments and prepared recommendations for the implementation of cancer prevention programmes in Albania, Bosnia and Herzegovina, FYR Macedonia, Kosovo, Georgia (including Abkhazia) and Moldova (including Transnistria).

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**Professor Soo-Yong Tan**  
**International Advisor for Western Pacific Region**  
**The Royal College of Pathologists**

Professor Tan is a practising haematopathologist and Associate Professor at Singapore's Duke-NUS Graduate Medical School, where he is Chair of the Residency Advisory Committee which oversees postgraduate training in pathology. He is also the Chief Examiner in Pathology in Singapore and a Senior Consultant to the Ministry of Health, advising on training and workforce development issues. A Senior Principal Investigator at the Institute of Molecular and Cell Biology, he heads their Advanced Molecular Pathology Laboratory. As a visiting professor at the University of Malaya in Malaysia, Professor Tan has acted as an external examiner for Malaysia's Master of Pathology examination. He is a board member of the Asian Network of Research Resource Centres, where he chairs the Biobanking Committee, and is a member of the International Lymphoma Study Group and Asian Lymphoma Study Group.



**Professor Lai-Meng Looi**  
**Chair, Countries in Need Programme**  
**World Association of Pathology & Laboratory Medicine**

Professor Lai-Meng Looi is a University of Malaya (UM) Distinguished Professor and Senior Consultant Histopathologist to its Medical Centre. She studied medicine in Singapore and later trained in Anatomical Pathology. Her previous roles include Professorial Chair of Pathology, Department Head, Deputy Dean (Postgraduate) and representative to the Malaysian Medical Council. She has been an honoured visiting Professor to Harvard Medical School, recipient of the National Science Award and ASEAN Outstanding Scientist Award. She is a Fellow and an Examiner for both Royal Colleges of Pathologists (UK and Australasia). As past-President of the College of Pathologists, Academy Medicine Malaysia, she was instrumental in the development of pathology laboratory accreditation standards for Malaysia, the Pathology Act and several national guidelines on pathology and laboratory practices. She is the Past-President of World Association of Societies of Pathology and Laboratory Medicine (WASPaLM). Currently she co-chairs the Inter-Academy Medical Panel and is the current chair of WASPaLM's Countries in Need initiative.



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**Dr Shahin Sayed**

**Secretary-General**

**College of Pathologists of East, Central & Southern Africa**

Dr Sayed graduated from the University of Nairobi in 1997 with a MMed in General Pathology and has practiced Histopathology/Cytopathology in the department of pathology at Kenyatta National Hospital and later the Aga Khan University Hospital in Nairobi (AKUHN). As Secretary-General of the College of Pathologists of East, Central & Southern Africa (COPECSA), Dr Sayed has been working with colleagues across the region to harmonise and standardise the teaching and practice of pathology. She is an affiliate of the African Organisation of Research and Training in Cancer (AORTIC) and member of the Translational Research Working Group and Educational Sub-Committee of the African Pathology Summit. She has received two international grants as Principal Investigator for her research in breast cancers and has over 15 publications in her areas of research. She is currently the Assistant Professor of Pathology at AKUHN where she is also actively involved in residency training, research and supervision of resident dissertations.

#### CONTRIBUTORS (in person)



**Professor Goura Kudesia**

**Consultant Microbiologist (retired) &**

**Medical Training Initiative Clinical Lead, The Royal College of Pathologists**

Professor Kudesia is a retired Consultant Medical Virologist and Head of Sheffield Virology Service at Sheffield Teaching Hospital NHS Foundation Trust. She is an FRCPATH Examiner, Assessor for the United Kingdom Accreditation Service (UKAS) and continues to teach at Sheffield Hallam University. She is widely published in peer review journals and has co-authored a virology textbook. Her previous positions include Honorary Senior Clinical Lecturer (University of Sheffield), Honorary Professor of Clinical Virology (Sheffield Hallam University), Chair of the College's Virology Training Committee and Chair of the Virology Examiners' Panel. She helped to establish an HIV anonymous sero-surveillance project in Bangalore, India, and was the General Secretary of the European Society of Clinical Virology. Professor Kudesia previously chaired the UK National External Quality Assessment's Virology Sub-Group and is currently the Co-Chair of RCPATH's Learning and Professional Development Group. She was appointed as their Medical Training Initiative Clinical Lead in October 2015.

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**Dr Mona El-Bahrawy**

**Country Advisor for Egypt, The Royal College of Pathologists  
Adjunct Reader & Consultant Histopathologist, Imperial College London  
Vice President, The Egyptian Committee for Pathology Training (ECPT)**

Dr El-Bahrawy is an Adjunct Reader and Consultant Histopathologist at Imperial College London. She is a graduate (1989) and now an Associate Professor of the Faculty of Medicine, Alexandria University, Egypt. She acquired her PhD from Imperial College London in 2002 and was awarded Fellowship of RCPATH in 2004. She is currently a College examiner, and member of several professional bodies and journal editorial boards as well as an active researcher with over 75 publications. She has well established links and ongoing collaborations with several Egyptian educational and health services institutions. Dr El-Bahrawy is a principal founding member of the Egyptian Committee for Pathology Training (ECPT), established in 2014 under the patronage of the Egyptian Supreme Council of Universities, to support and enhance training, assessment and educational supervision in pathology. The ECPT works in partnership with RCPATH to develop training programmes, qualifications, standards and practice in pathology and laboratory medicine specialties.



**Dr Ferial Ahmad**

**Consultant Microbiologist & Chair  
Pathology Committee, Intercollegiate Iraqi Liaison Group (ICILG)**

Dr Ahmad graduated from Baghdad Medical College in 1966 and after a one year internship in medicine, surgery, gynaecology and paediatrics moved to a Central Pathology Institute in Baghdad. Here she trained in haematology, chemical pathology and histopathology before moving to the central bacteriology institute to undergo further training in bacteriology and virology. She later moved to the UK to start a clinical attachment at Lewisham Hospital in the microbiology lab and a year later began her full-time diploma in clinical pathology at London University. During 1980-2011 she was a Consultant Microbiologist and Infection Control Doctor at Ealing Hospital, NHS Trust and Chair of Infection Control at West London NHS Trust. She was appointed as Chair of the Advisory Antibiotic Committee (1980) and Chair of the Northwest Thames Regional Microbiology Association. She obtained her Fellowship of The Royal College of Pathologists in 1991 and now supports pathology in Iraq. Dr Ahmad is a member of the ICILG committee responsible for coordinating the improvement of pathology services and training in Iraq.

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**Dr Omar Layth Qassid**

**Member, Pathology Committee & Intercollegiate Iraqi Liaison Group**

Dr Qassid graduated from Mosul College of Medicine in northern Iraq in 2005. He started as a surgical fellow in Basingstoke in Pseudomyxoma (Pelican Center) and completed his foundation training at Cardiff and Abergavenny hospitals in South Wales. He has been a Histopathology trainee in the London Deanery since 2011, passing his FRCPath Part 2 Histopathology examination in November 2015. He is currently acting consultant at Northwick Park Hospital in Harrow.



**Dr Oliseyenum Nwose**

**Executive Medical Director & International Advisor for the Americas  
The Royal College of Pathologists**

Dr Nwose is a Pharmaceutical Physician and Executive Medical Director of a global pharmaceutical company. He has over 23 years of experience in pharmaceutical research, development and clinical medicine and has conducted several multicentre multinational clinical trials in diverse therapeutic areas. Dr Nwose obtained his primary medical degree from the College of Medicine, University of Lagos in Nigeria and completed his masters in clinical biochemistry at the University of Leeds, UK. He also holds postgraduate degrees in clinical pathology and pharmaceutical medicine from the Royal College of Pathologists and the Faculty of Pharmaceutical Medicine of the Royal College of Physicians respectively.



**Dr Charles van Heyningen**

**Consultant Chemical Pathologist (retired)  
International Advisor for Europe, The Royal College of Pathologists**

Dr Van Heyningen is a retired Consultant Chemical Pathologist. After paediatric and pathology training in London and Amsterdam he worked as a Consultant Chemical Pathologist in Liverpool and Southport. His previous positions included Clinical Director for Laboratories, Honorary Senior Lecturer at the University of Liverpool, FRCPath examiner, member of the College's Advisory Training Team in Chemical Pathology and College Workforce Advisory group. He is a member of the editorial board of the British Journal of Diabetes. He was a registered European Clinical Chemist and was a member of the European EC4 Register Committee in the UK. He was appointed as the College's International Advisor for Europe in 2013 and is currently Biochemistry Advisor for the College Specialty Advisory Committee on Pre/Perinatal/Paediatric Pathology.

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**Dr Afaf Elhag**

**Consultant Histopathologist**

**Chair, UK Sudanese Diaspora Pathology Group**

Dr Elhag graduated from the University of Khartoum in 1979, received her DCP from the Royal Post Graduate Medical School, University of London in 1984 and gained her Fellowship of The Royal College of Pathologists in 1987. She joined the Ministry of Health (MOH) in Kuwait (1988-1992) as a Consultant Histopathologist before moving to Mafraq Hospital, MOH in Abu Dhabi UAE (1994-2008). In 2008 she moved to Scarborough Hospital, York Teaching Hospitals NHS Trust as a Consultant Histopathologist and breast and skin MDT lead. In 2010 she was appointed as the President of the Sudanese Pathologists' Group of UK & Ireland, a branch of the Sudan Doctors Union of UK & Ireland. She currently works as a Consultant Histopathologist at Hull Royal Infirmary, Hull, East Yorkshire.



**Dr Kevin Stuart**

**Consultant Chemical Pathologist, West Hertfordshire Hospitals NHS Trust**

**Country Advisor for Barbados, The Royal College of Pathologists**

Dr Stuart is a Consultant Chemical Pathologist and Metabolic Medicine Physician at Watford General Hospital. He graduated from Leicester Warwick Medical School in 2004 and in the same year was awarded the Elective Prize. He subsequently completed his Core Medical Training (CMT) and specialty training in Clinical Biochemistry at West Midlands Deanery, UK. In 2014 he was awarded Fellowship of the Royal College of Pathologists. He is currently undergoing a Master's in Public Health with Birmingham University, which has fuelled his passion for Global Pathology.



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#### CONTRIBUTORS (via webinar platform)

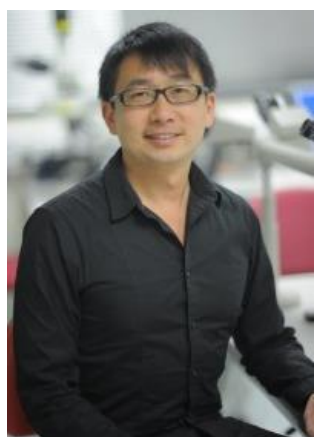


**Dr David Bailey**

**Consultant Histopathologist**

**Vice President for Communications, The Royal College of Pathologists**

Dr Bailey is a Cellular Pathologist based at High Wycombe Hospital. Over the last six years, he has held a number of key positions at the College including Director of Training and Assessment since January 2013, a position which he held for 6 years. He was appointed Associate Postgraduate Dean of the Department of Oxford Postgraduate Medical and Dental Education (PGMDE) in 2008, leading in Educator Development, ARCP/workplace-based assessment/e-Portfolio implementation and Run-Through Training. He was a departmental Educational Supervisor for Histopathology Trainees for 17 years and member of the Specialty Training Committee for 12 years. In his NHS consultant role, Dr Bailey has been Head of Cytopathology, a clinical governance Chair and a cervical screening Programme Coordinator. He has also worked to raise awareness of pathology amongst his health service colleagues and the public, regularly delivering presentations to GPs and other allied health professionals, as well as patient groups. He was elected as Vice President for Communications at the College in 2014.



**Dr Gary Tse**

**Director of Autopsy Services, Prince of Wales Hospital, Hong Kong**

**International Advisor for South East Asia, The Royal College of Pathologists**

**President, Hong Kong Division of the International Academy of Pathology**

**President, Asian Pacific Society of Molecular and Immunohistology**

Dr Gary Tse has been the Senior Medical Officer and Director of Autopsy Services at Prince of Wales Hospital in Shatin, Hong Kong for the past 18 years. He also works as an Honorary Clinical Associate Professor at the Chinese University of Hong Kong and Honorary Professor at the Second People's Hospital in Shenzhen. He is President of the Hong Kong Division of the International Academy of Pathology (IAP) and Asian Pacific Society of Molecular and Immunohistology. Since 2014 he has been the Honorary Advisor in breast pathology for the Hong Kong Breast Oncology Group. As a breast pathologist he plays a major role in the multi-disciplinary group 'The Asian Breast Diseases Association', which is a strong advocate for a multidisciplinary approach in the management of breast diseases. Dr Tse has organised numerous annual teaching courses for pathologists and residents to underserved areas within South East Asia.

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#### **Dr Monalisa Sur**

**Professor of Pathology & Molecular Medicine, McMaster University, Canada**  
**Country Advisor for Canada, The Royal College of Pathologists**  
**Visiting Professor, St George's University, Grenada**

Professor Sur completed her training in anatomical pathology at the University of the Witwatersrand, Johannesburg, South Africa. She is a Fellow of the College of Pathologists of South Africa and The Royal College of Pathologists, UK. She sits on the Royal College of Physicians and Surgeons of Canada Speciality Committee as provincial education nucleus representative. Professor Sur is also a member of the Postgraduate Medical Education Committee at McMaster University and former Director of the Postgraduate Residency Training Program for Anatomical Pathology. She is the Vice-Chair of the Patient Safety and Quality Assurance Committee at the Canadian Association of Pathologists (CAP) and also chairs CAP's Annual Scientific Meeting Committee. Outside of Canada, she is an executive member of the Association of Indian Pathologists of North America (a subdivision of USCAP) and Visiting Professor to St George's University, Grenada.



#### **Professor Tahir Pillay**

**Professor of Chemical Pathology &**  
**Head of Department, University of Pretoria, South Africa**  
**Country Advisor for South Africa, The Royal College of Pathologists**

Professor Pillay is Chief Specialist, Professor and Head of Department of Chemical Pathology at the University of Pretoria & National Health Laboratory Service. He also works as Director of Clinical Pathology for Faculty of Health Sciences (University of Pretoria) and is an honorary Professor of Chemical Pathology at the University of Cape Town, South Africa. Professor Pillay also currently serves on the Executive Editorial Board of the Journal of Clinical Pathology, the International Federation of Clinical Chemistry and Laboratory Medicine (IFCC), the Executive Committee of the Communications and Publications Division of the IFCC as well as the Task Force on Paediatric Laboratory Medicine. He is the Secretary of the College of Pathologists of South Africa and also Communications Officer for the South African Association for Clinical Biochemistry. Prior to this, he was Professor of Chemical Pathology, Deputy Vice Chancellor and Head of the College of Health Sciences at the University of KwaZulu-Natal.



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**Dr Sana Jalal**

**Asst. Professor of Haematopathology & Head of Pathology & Forensic Medicine, Sulaimani School of Medicine, Iraq**

**Country Advisor for Iraq, The Royal College of Pathologists**

Dr Jalal graduated from Baghdad Medical College, Iraq in 1997 and was awarded the Fellowship of Iraqi Board of Medical specialisation for Haematopathology in 2004. Since 2011 she has worked as Assistant Professor of Haematopathology and later Head of Pathology and Forensic Medicine (2014) at the Sulaimani School of Medicine, University of Sulaimani, Iraq. Whilst here she helped to establish the premarital screen clinic for thalassaemia and haemoglobinopathies in Sulaimani and later became the Acting Head of the Molecular Haematology department. She played a major role in establishing an immunophenotyping service in Sulaimani for leukaemia and lymphoma. She gained Fellowship of The Royal College of Pathologists in 2015, and currently works as a Haematopathology Programme Director at Kurdistan Board for Medical Specialties, Iraq.



**Dr Abeer Shaaban**

**Consultant Histopathologist, University Hospitals Birmingham NHS Trust**  
**Committee Member, The Royal College of Pathologists**

Dr Shaaban is a Consultant Histopathologist and Honorary Senior Lecturer at Queen Elizabeth Hospital Birmingham. She is a specialist breast pathology Consultant with expertise in molecular pathology. She obtained her primary medical degree from Tanta University Hospital in Egypt and later PhD in molecular pathology at the University of Liverpool. She has led and contributed to a number of international multicentre studies, collecting tumour samples to study breast cancer of ethnic origin in male patients. Through this work, Dr Shaaban has established collaborations with a number of hospitals in Nigeria and Ghana to study the taxonomy of breast cancer in African women and teaches on a number of national breast update courses. She is a member of the NCRI Breast Clinical Studies Group, Chair of the CSG Translational Subgroup, elected member of the Committee of the Pathological Society of Great Britain and Ireland and member of its Educational Subcommittee.