XXXV IPPA Advanced Course in Paediatric Pathology

12th – 18th October, 2013

Jerusalem, Israel

Course Hotels: Prima Royale & Dan Panorama

Lecture Venue: Mishkenot Sha’ananim

P R O G R A M M E

Local Organisers: Ayala Arad
Ilana Ariel

Course Director: Elisabeth Bruder

Technology Director: Roger Malcomson

Slide Seminars: Michael Ashworth
Tutors
Michael Ashworth
John Choi
Marta C. Cohen
Phil Cox
Ronald de Krijger
Brian Harding
Ron Jaffe
Yee Khong
Peter Nikkels
Poul Sorensen

Local Guest Tutors
Ilana Ariel
Marva Balouka
Debra Goldman Wohl
Debora Kidron
Zvi Leibovitz
Israel Shapiro

Resident Tutor
Luc L. Oligny
Saturday 12\textsuperscript{th} October 2013

Registration and tea from 14.00 (Dan Panorama rooftop)

18.30 Dinner (Prima Royale)

20.00-21.00 Introductory Lecture (Mishkenot Sha’ananim)

http://www.jerusalemfoundation.org/de/project_overview.aspx?TAB=0&MID=550&CID=565&PID=1341

DISCOVERING JERUSALEM: AN ATTEMPT TO UNDERSTAND THE ARCHAEOLOGY OF JERUSALEM

M. BALOUKA
Sunday 13th October 2013

**Chair:** Yee Khong  
M. Ashworth & E. Bruder & R.D.G. Malcomson

08.15  OPENING
08.30  LECTURE 1

**FETAL AKINESIA – INVESTIGATION AND CAUSES**  
P. COX

9.25  LECTURE 2

**MORPHOLOGY OF TERM PLACENTA IN ADVERSE PERINATAL OUTCOME**  
P. NIKKELS

10.20–10.45  Coffee

10.45  LECTURE 3

**ADVANCES IN THE PATHOGENESIS OF PREECLAMPSIA**  
D. GOLDMAN WOHL

11.40  LECTURE 4

**SEQUENTIAL SEGMENTAL ANALYSIS OF THE HEART**  
M. ASHWORTH

12.35  LECTURE 5

**MITOCHONDRIAL DISORDERS IN THE BRAIN**  
B. HARDING

13.30  Lunch (Mishkenot)

**14.30 – 18.00 Afternoon -Tour & Course Photograph**

18.30  Dinner (Prima Royale)

**Chair:** Michael Ashworth & Roger Malcomson

20.00  LECTURE 6

**NEURODEGENERATIVE DISEASE IN THE YOUNG - A PRACTICAL APPROACH**  
C. JANSEN

20.50-22.00  LECTURE 7

**PARTICIPANTS’ SLIDE SEMINAR**
Monday 14th October 2013

Chair: Peter Nikkels

8.15 LECTURE 8

INTRODUCTION TO THE PAEDIATRIC LYMPH NODE  J. CHOI

9.10 LECTURE 9

PRE-ECLAMPSIA AND IUGR: PATHOLOGY AND MECHANISMS  Y. KHONG

10.00 LECTURE 10

INFECTIONS OF THE PLACENTA  I. ARIEL

10.50 – 11.25 Coffee

11.25 LECTURE 11

CURRENT STATUS AND DIFFICULT DIAGNOSIS IN HISTIOCYTIC DISORDERS  R. JAFFE

12.20 LECTURE 12

WHITE MATTER DEGENERATION  B. HARDING

13.00 LECTURE 13

CILIOPATHIES IN PAEDIATRIC PATHOLOGY  L. OLIGNY

13.45 Lunch (Mishkenot)

14.30-18.00 Afternoon – Tour

18.30 Dinner (Prima Royale)

Chair: Michael Ashworth & Roger Malcomson

20.00-20.50 LECTURE 14

INTRODUCTION ON SKELETAL DYSPLASIAS I  P. NIKKELS

20.50-22.00 LECTURE 15

TUTORS’ SLIDE SEMINAR  (part 1)
Tuesday, 15th October 2013

**Chair:** Poul Sorensen

**8.15** LECTURE 16

**AN APPROACH TO EXAMINATION OF THE FETAL BRAIN**

P. COX

**9.10** LECTURE 17

**MACROPHAGE ACTIVATION SYNDROMES**

R. JAFFE

**10.00** LECTURE 18

**MOLECULAR PULMONARY EMBRYOLOGY AND CARDIAC DEVELOPMENT**

L. OLIGNY

**10.50 – 11.25** Coffee

**11.25** LECTURE 19

**SPINAL MUSCULAR ATROPHY, MORE THAN THE MOTOR NEURON**

B. HARDING

**12.20** LECTURE 20

**PLACENTA ACCRETA: PATHOLOGY**

Y. KHONG

**13.00** LECTURE 21

**THE NORMAL AND PATHOLOGIC POSTERIOR FOSSA**

Z. LEIBOVITZ

**13.45** Lunch (Mishkenot)

**Afternoon – free afternoon for private study**

**18.30** Dinner (Prima Royale)

**Chair:** Michael Ashworth & Roger Malcomson

**20.00-20.50** LECTURE 22

**INTRODUCTION TO PAEDIATRIC CYTOPENIA**

J. CHOI

**20.50-22.00** LECTURE 23

**TUTORS’ SLIDE SEMINAR**

(part 2)
Wednesday 16th October 2013

Chair: John Choi

8.15 LECTURE 24
THE UMBILICAL CORD – THE FETAL LIVE WIRE P. NIKKELS

9.10 LECTURE 25
NEXT-GENERATION SEQUENCING AS TOOL IN PAEDIATRIC ONCOLOGY P. SORENSEN

10.00 LECTURE 26
AGENESIS OF THE CORPUS CALLOSUM - AN AUTOPSY STUDY IN FETUSES D. KIDRON

10.50 – 11.25 Coffee

11.25 LECTURE 27
TRANSIENT ABNORMAL MYELOPOIESIS AND MYELOID LEUKAEMIA J. CHOI

12.20 LECTURE 28
MALFORMATIONS OF THE CEREBRAL CORTEX – AN UPDATE B. HARDING

13.00 LECTURE 29
HYDROPS L. OLIGNY

13.45 Lunch (Mishkenot)

14.30-18.00 Afternoon – Tour

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18.30 Dinner (Prima Royale)

Chair: Luc Oligny

20.00 LECTURE 30
PROBING THE BIOLOGY OF PAEDIATRIC SOLID TUMOURS: INSIGHTS FROM BASIC RESEARCH P. SORENSEN

20.50 LECTURE 31
ALICE THROUGH THE APPENDIX – A QUIZ R. JAFFE

21.30-22.00 LECTURE 32
THE QUIZ L. OLIGNY
Thursday 17th October 2013

Chair: Brian Harding

8.15 LECTURE 33
FETAL AND NEONATAL HYPOXIC ISCHAEMIC BRAIN INJURY P. COX

9.10 LECTURE 34
INTRODUCTION ON SKELETAL DYSPLASIAS II
PRACTICAL CASE STUDIES P. NIKKELS

10.00 LECTURE 35
3-DIMENSIONAL ULTRASOUND: GIMMICK OR BREAKTHROUGH I. SHAPIRO

10.50 – 11.25 Coffee

11.25 LECTURE 36
GENETICS AND FLOW OF ACUTE LYMPHOBLASTIC LEUKAEMIA J. CHOI

12.20 LECTURE 37
MATERNAL DEATH AND THE LITERATURE Y. KHONG

13.00 LECTURE 38
DISORDERS OF SEXUAL DEVELOPMENT: EMBRYOLOGY, RISK AND MARKERS R. DE KRIJGER

13.45 Lunch (Mishkenot)

Afternoon- free for personal study

19.30 Course Dinner

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Friday 18th October 2013

Chair: Ayala Arad & Ilana Ariel

8.30  LECTURE 39
UPDATE IN GI BIOPSIES IN THE YOUNG  M.C. COHEN

9.15  LECTURE 40
DRIVERS OF METASTASIS IN HIGH-RISK CHILDHOOD SARCOMAS  P. SORENSEN

10.00-10.30  Coffee

10.30  LECTURE 41
AN APPROACH TO PERINATAL CYSTIC RENAL DISEASE  Y. KHONG

11.15  IPPA Course Business Meeting

INTRODUCTION TO IPPA 2014 BERLIN-POTSDAM, GERMANY  KATHRIN HAUPTMANN

COURSE HANDOVER  ROGER MALCOMSON & ELISABETH BRUDER

11.30

Lunch and Depart
ORGANIZERS & TUTORS

Ilana Ariel, Hadassah Medical Center, Mt. Scopus, Jerusalem, Israel, Email: ARIEL@hadassah.org.il

Michael T. Ashworth, Department of Histopathology, Camelia Botnar Laboratories, Great Ormond St Hospital for Children NHS Trust, Great Ormond Street, London WC1N 3JH, UK, Tel +44 20 7829 8663, Email: AshwoM@gosh.nhs.uk

Ayala Arad, Department of Pathology, Bnai Zion Medical Center, 47A Vardia St., 34657 Haifa, Israel, Email: arad_a@internet-zahav.net

Marva Balouka, Yad Ben Zvi Institute, PO Box 7660, Jerusalem 91076, Israel, Mobile +972 50 620 05 89, Email: marva@ybz.org.il

Elisabeth Bruder, Institute of Pathology, Hospital of the University of Basel, Schoenbeinstrasse 40, 4031 Basel, Switzerland, Tel +41 61 265 20 22, Mobile +41 79 827 33 82, Email: elisabeth.bruder@unibas.ch

John Choi, Pathology, MS 250, Room C5035, St. Jude Children’s Research Hospital, 262 Danny Thomas Place, Memphis, TN 38105-3678, USA. Phone: (901) 595-5347, FAX: (901) 595-3100, Email: johnkim.choi@stjude.org

Marta C. Cohen, Sheffield Children’s Hospital NHS Trust, Western Bank, Sheffield S10 2TH, UK, Tel: 0114 271 7486, Email: Marta.Cohen@sch.nhs.uk

Phil Cox, Birmingham Women’s NHS Foundation Trust, M indelsohn Way, Edgbaston, Birmingham B15 2TG, Tel: 0121 6272719 (-2729), Email: philpp.cox@bwhct.nhs.uk

Astrid Dollinger, Institute of Pathology, Hospital of the University of Basel, Schoenbeinstrasse 40, 4031 Basel, Switzerland. Email: astrid.dollinger@unibas.ch

Ronald de Krijger, Dept. of Pathology, Erasmus University Medical Center, Rotterdam, and Reinier de Graaf Hospital, Delft, The Netherlands. Email: r.dekrijger@erasmusmc.nl

Debra Goldman Wohl, Center of Human Placenta Research, Department of Obstetrics and Gynecology, Mt. Scopus, Jerusalem, Email: dwohl@hadassah.org.il

Brian Harding, The Children’s Hospital of Philadelphia, Medical Neuropathology, tel. 267 – 426 55 04 or 267 - 234 42 36, Email: HARDINGB@email.chop.edu

Kathrin Hauptmann, Institute for Pathology, Charité – University Hospital, Campus Mitte, Charitéplatz 1, 10117 Berlin, Germany. Tel: +49 30 450 536 011 Email: kathrin.hauptmann@charite.de

Ronald Jaffe, Department of Pathology, Children’s Hospital Pittsburgh, B255, 4401 Penn Avenue, Pittsburgh PA 15224, USA, Office Telephone: 412-692-5657, Fax: 412-692-6550, Email: ronald.jaffe@chp.edu

Yee Khong, IMVS Metropolitan Laboratory, Frome Road, Adelaide SA 5000, Australia. Tel. +61 8 8161 6793. Email: Yee.khong@health.sa.gov.au

Debora Kidron, Department of Pathology, Meir Medical Center, 39 Tshernihovsky St., Kfar Saba, Israel. Email: DFKIDRON@GMAIL.COM

Zvi Leibovitz, Edith Wolfson medical center in Holon to be the head of the Unit of Ultrasound in Obstetrics and Gynecology, Email: zvi_l@yahoo.com

Roger D. G. Malcomson, Histopathology Department, Leicester Royal Infirmary, Infirmary Close, Leicester, LE1 5WW, UK, Email: roger.malcomson@uhl-tr.nhs.uk, webmaster@paedpath.org
Peter Nikkels, Department of Pathology, H 04.312, Heidelbergaan 100, 3584 CX Utrecht, The Netherlands
Tel + 31 (0) 88 755 6565 (general), + 31 (0) 88 755 8822 (medical), Fax: + 31 (0) 30 254 4990, Email: P.G.J.Nikkels@umcutrecht.nl

Luc L. Oligny, Centre Hospitalier Universitaire (CHU) Sainte-Justine (Université de Montréal), Pathology Department, 3175, Côte Ste-Catherine, Montréal (Quebec) H3T 1C5, Canada, Email: luc_oligny@ssss.gouv.qc.ca

Israel Shapiro, Unit of Ultrasound in Obstetrics and Gynecology, Bnai-Zion Medical Center, Haifa, Israel, Email: ishapiro@inter.net.il

Poul HB Sorensen, Department of Pathology, University of British Columbia, Senior Scientist, BC Cancer Research Centre, 675 West 10th Avenue, Room 4112, Vancouver, BC, Canada V5Z 1L3, Tel. (604) 675-8202 FAX (604) 675-8218, Email: phbsorensen@gmail.com

PARTICIPANTS

Colette Adida, Department of Pathology, Coombe Women and Infants University Hospital, Cork Street, Dublin 8, Ireland. Email: coletteadida@yahoo.com

Srinivas Rao Annavarapu, Department of Cellular Pathology, Royal Victoria Infirmary, Victoria Street, Newcastle-upon-Tyne, UK. Email: Srinivas.Annavarapu@nuth.nhs.uk

Liat Apel-Sarid, Department of Pathology, Naharia, Mitzpe Hila, Israel. Email: liataps@gmail.com

Mahlet Arayasellassie Zemichael, Department of Pathology, Addis Ababa University, Addis Ababa 170218, Ethiopia. Email: mahlet.arayasellassie@aau.edu.et

Richard Arnhold, Department of Pathology, Donauspital Vienna, Langobardenstrasse 122, 1220 Vienna, Austria. Email: richard.arnhold@wienkav.at

Jurate Asmundsson, Department of Pathology and Cytology, Karolinska University Hospital, Solna, Stockholm 17176, Sweden, Email: jurate.asmundsson@karolinska.se, jurkis@yahoo.com

Kate Bartlett, Department of Histopathology, Labplus, Auckland City Hospital, PO Box 110031, Park RD, Grafton, 1148 Auckland, New Zealand. Email: Kate.Bartlett@adhb.govt.nz, katebperth@gmail.com

Stefania Bitetti, Paediatric Pathology, RMCH, Oxford Road, Manchester M139WL, UK, Email: sbitetti@libero.it, stefania.bitetti@cmft.nhs.uk

Sigrid Bjørnstad, Center for Pediatric and Pregnancy Related Pathology, Department of Pathology, Oslo University Hospital, Ullevål, Kirkeveien 166, 0407 Oslo, Norway, Email: sigrid.bjornstad@ullevaal.no, Sigrid.Bjornstad@uus.no

Peter Bode, Institute of Surgical Pathology, University Hospital Zurich, Schmelzbergstrasse 12, 8091 Zurich, Switzerland, e-mail: peterkarl.bode@usz.ch

Pauline Bogaard, Department of Pathology, Aalborg University Hospital, Ladegardsgade 3, Postbox 561, 9100 Aalborg, Denmark. Email: p.bogaard@rn.dk, paulinestorm@hotmail.com

Simone Brandt, Institute of Surgical Pathology, University Hospital Zürich, Schmelzbergstr.12, 8091 Zürich, Switzerland. Email: simone.brandt@usz.ch

Fernando Casco, Labco Histocitomed, Santiago Rusinol 12, 28040 Madrid, Spain. Email: fgcasco2000@yahoo.com.ar
Amanda Charlton, Histopathology, The Children’s Hospital at Westmead, Corner Hawkesbury Rd and Hainsworth St, Westmead, NSW, 2145, Australia, Email: amandac6@chw.edu.au, Amanda.charlton@health.nsw.gov.au

Engin Cigerciogullari, Department of Pathology, Marmara University, Pendik Eğitim Araştırma Hastanesi. Yukarı, Kaynarca, Pendik, Istanbul 34890, Turkey. Email: ecigerciogullari@yahoo.com

Sophie Collardeau-Frachon, MCU-PH, pathologie pédiatrique et foetopathologie, Centre de Pathologie Est, Faculté de médecine Lyon Est, Hospices Civils de Lyon, Groupement Hospitalier Est, 59 bd Pinel, 69677 Bron Cedex, France. Email: sophie.collardeau-frachon@chu-lyon.fr

Karín Collett, Department of Pathology, Haukeland University Hospital, Gades Institute, Jonas Liesvei 65, 5053 Bergen, Norway. Email: karin.collett@helse-bergen.no

Isabel Colmenero, Department of Histopathology, Birmingham Children’s Hospital, Steelhouse Lane, Birmingham B4 6NH, UK. Email: isabel.colmenero@gmail.com

Agata Czajkowski, WITS University, Department of Anatomical Pathology, University of the Witwatersrand, 7 York Road, Parktown, Johannesburg 2193, South Africa. Email: agata.czajkowski@nhls.ac.za

Ellen Degroof, Department of Pathology, Stichting PAMM, Michelangelolaan 2, 5623EJ Eindhoven, The Netherlands, Email: e.degroef@pamm.nl

Susan Dilly, Department of Cellular Pathology, Barts and the Royal London Hospital, Whitechaple, London E1 2AD, UK, Email: s.dilly@qmul.ac.uk

Slavisa Djuricic, Department of Clinical Pathology, Mother and Child Health Institute of Serbia, R. Dakica Street 6, 11070 Belgrade, Serbia. Email: slavisa.djuricic@gmail.com

Milena Dukic, Department of Pathology, Clinic for Diagnostics and Intervention, Oslo University Hospital – Ulleval, Postboks, 4956 Nydalen, 0424 Oslo, Norway. Email: djkic.dr.milena@gmail.com

Anнемiek Dutman, Department of Pathology, UMC Utrecht, Oostenburgerpark 24, 1018HT Amsterdam, The Netherlands. Email: a.c.dutman@umcutrecht.nl

Karen Ernestus, Department of Pathology, University of Würzburg, Josef-Schneider-Str. 2, 97080 Würzburg, Germany, Email: karen.ernestus@uni-wuerzburg.de

Meora Feinmesser, Department of Pathology, Rabin Medical Center, Beilinson Hospital, 36 Jabotinsky Street, 49100 Petach Tiqva, Israel. Email: meora@clalit.org.il

Joan C. Ferreres, Department of Pathology, Hospital Universitari Vall d’ Hebron, Passeig Vall d’ Hebron, 119-129, 08035 Barcelona, Spain. Email: joancfp@gmail.com

Ivanda Franckevica, Department of Pathology, Children’s University Hospital, Vienibas gatve 45, 1004 Riga, Latvia. Email: ivanda.franckevica@gmail.com

Maria Laura Galluzzo Mutti, Department of Pathology, Hospital Nacional de Pediatria Dr Prof JP Garrahan, Combate de los Pozos 1881, 1245 Buenos Aires, Argentina. Email: lauragalluzzoch@yahoo.com.ar

Justine Gearry, Department of Anatomical Pathology, Canterbury Health Laboratories. P.O.Box 151, Christchurch 8140, New Zealand. Email: justine.gearry@cdhb.govt.nz

Jacqueline Goedhals, Anatomical Pathology, National Health Laboratory Service and University of the Free State, Room 124, Lower ground, Block C, Faculty of Health Sciences, University of the Free State, DF Malherbe Road, 9300 Bloemfontein, South Africa, Email: gnmbjg@ufs.ac.za

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Nicole Graf, Department of Histopathology, the Children’s Hospital at Westmead, Cnr Hawkesbury Rd & Hainsworth St., Westmead, 2145 Sydney NSW, Australia. Email: nicole.graf@health.nsw.gov.au

Victoria Hall, Department of Histopathology, The Institute of Pathology, The Royal Victoria Hospital, Belfast BT6 0GR, Great Britain. Email: gingerpop@doctors.org.uk

Sylvia Hoeller, Institute of Pathology, University Hospital Basel, Schoenbeinstr. 40, 4031 Basel, Switzerland. Email: sylvia.hoeller@usb.ch

Liz Hook, Department of Paediatric Histopathology, Addenbrooke’s Hospital, Cambridge University Hospitals NHS Foundation Trust, Cambridge Biomedical Campus, Hills Road, Cambridge CB2 0QQ, UK. Email: liz.hook@addenbrookes.nhs.uk, lizhook@nhs.net

Daniel Hurrell, Department of Paediatric Pathology, Royal Victoria Infirmary, Newcastle Upon Tyne, 7C North Terrace, Newcastle Upon Tyne NE2 4AD, UK. Email: danielhurrell@yahoo.co.uk

Raquel Brodbeck Ilgenfritz, Department of Anatomic Pathology, Hospital Da Luz, Av. Lusiada, nº100, 1500-650 Lisboa, Portugal. Email: RAQUEL.FRITZ@GMAIL.COM

Casper Jansen, Department of Pathology, Laboratorium Pathologie Oost-Nederland, Burg. Edo Bergsmalaan 1, 7512 AD, Enschede, The Netherlands. Email: c.jansen@laborpath.nl

Caren Jayasinghe, Dept. of Pathology and Cytology, Laboratoriumsmedizin Köln, Dres. Med. Wisplinghoff und Kollegen, Classen-Kappelmann-Str. 24, 50931 Köln, Germany. Email: c.jayasinghe@gmx.de

Gareth Jevon, Department of Histopathology, Princess Margaret Hospital, Roberts Road, Subiaco, WA 6008, Australia. Email: gareth.jevon@health.wa.gov.au, gjevon@mac.com

Iben Johnsen, Department of Clinical Pathology, Odense University Hospital, J.B.Winslows Vej 15, 5000 Odense C, Denmark. Email: gadejohnsen@gmail.com

Debora Kidron, Department of Pathology, Meir Medical Center, 39 Tshernihovsky St., Kfar Saba, Israel. Email: DFKIDRON@GMAIL.COM

Elena Kikina, Department of Pathomorphology, Cytology and Genetics, Irkutsk Regional Diagnostic Center, 109 Baikalkaia Street, 664077 Irkutsk, Russia. Email: lena.kikina@mail.ru, kikina@dc.baikal.ru

Irina Kletskaya, Department of Pathology, Belarusian Research Center for Pediatric Oncology, Hematology and Immunology, Kiseleva street 16-3, 220029 Minsk, Belarus. Email: ikletskaya@gmail.com

Robert Kornegoor, Department of Pathology, Gelre Ziekenhuis Apeldoorn, The Netherlands, Albert Schweitzerlaan 31, 7334 DZ Apeldoorn, The Netherlands. Email: robert.kornegoor@gelre.nl

Sherry Krawitz, Department of Pathology, Winnipeg Health Sciences Centre/ University of Manitoba, MS4-HSC, 820 Sherbrook St., Winnipeg, MB R3A 1R9, Canada. Email: sherry.krawitz@gmail.com

Samantha Levine, Department of Cellular Pathology, St. George’s Hospital, 48 Hawthrey Road, London NW3 3SS, UK. Email: Samantha.levine@stgeorges.nhs.uk

Germaine Liebrechts-Akkerman, Department of Clinical Pathology, Erasmus MC, Ridder van Catsweg 89, 2803NA Gouda, the Netherlands. Email: g.akkerman@erasusmc.nl

Maria Silvana Maglio, Department of Pathology, Hospital de Niños Dr Ricardo Gutierrez, Barrio Septiembre UF 078, 1625. Escobar. Buenos Aires. Argentina. Email: silvanamaglio@gmail.com

Andreas Marnerides, Department of Cellular Pathology, St. Thomas’ Hospital, 2nd Floor, North Wing, St. Thomas’ Hospital, Westminster Bridge Road, London SE1 7EH, UK. Email: amareride@hotmail.com, andreas.marnerides@gstt.nhs.uk
Michael McDermott, Department of Histopathology, Our Lady's Children’s Hospital, Crumlin, Dublin 12, Ireland. Email: michael.mcdermott@olhc.ie

Zoe Mead, Department of Paediatric Histopathology, Addenbrooke’s Hospital, Cambridge University Hospitals NHS Foundation Trust, Cambridge Biomedical Campus, Hills Road, Cambridge CB2 0QQ, UK. Email: zoe.mead@addenbrookes.nhs.uk

Charlotte Mechler, Department of Pathology, Hôpital Louis Mourier, 178, Rue des Renouillers, 92700 Colombes, France. Email: charlotte.dahmani@aquilant.com

William Mifsud, Department of Histopathology, Great Ormond Street Hospital for Children, Great Ormond Street, London WC1N 3JH, UK. Email: william.mifsud@gosh.nhs.uk

Suzanne Mol, Department of Pathology, Jeroen Bosch Hospital, Loon der Molen 89, 5612MJ Eindhoven, The Netherlands. Email: Suzanne@climbing.nl

Corina Moldovan, Department of Histopathology, Bristol Royal Infirmary, University Hospital Bristol NHS Foundation Trust, Level 9, Marlborough Street, Bristol BS1 5LS, UK. Email: mcorina2003@yahoo.com corina.moldovan@uhbristol.nhs.uk

Annette M. Müller, Department of Paediatric Pathology, University of Bonn, Sigmund-Freud-Strasse 25, 53127 Bonn, Germany, Email: annette.mueller@ukb.uni-bonn.de

Tina Elisabeth Olsen, Department of Pathology, Rigshospitalet, Frederik V’s Vej 11, 2100 Copenhagen O, Denmark. Email: tina.olsen.02@regionh.dk

Diclehan Orhan, Department of Paediatric Pathology, Hacettepe University Children’s Hospital, Division of Paediatric Pathology SIHHİYE, 06100 ANKARA, Turkey, Email: diclehan@hacettepe.edu.tr

Claudia Peña, Department of Anatomical Pathology, Hospital Central ‘Dr Ignacio Morones Prieto’, Av. Venustiano Carranza 2345, Col. Universitaria, 78000 San Luispotosi, SLP, Mexico. Email: clopezp@yahoo.com.mx

Dawn Penman, Paediatric Pathology, Department of Pathology, Southern General Hospital, 24 Sycamore Avenue, Glasgow g66 4ny, Scotland. Email: dawn.penman@ggc.scot.nhs.uk

Herman Peters, Department of Clinical Pathology, Laboratorium voor Pathologie Oost Nederland, Edo Bergsmaal 1, 7512 AD Enschede, The Netherlands. Email: h.m.peters59@gmail.com h.peters@laborpath.nl

Komala Pillay, Department of Histopathology, National Health Laboratory Services, University of Cape Town, Red Cross Children’s Hospital, Klipfontein Road, Rondebosch, Cape Town 7700, South Africa. Email: Komala.Pillay@uct.ac.za ; Komala.Pillay@nhls.ac.za

Silvia Planas, Department of Histopathology, Sheffield Children’s NHS Foundation Trust, Western Bank, South Yorkshire, Sheffield S10 2TH, UK. Email: silvia_planas@yahoo.es

Aylar Poyraz, Department of Pathology, Gazi University Medical School, Gazi Üniversitesi Tip Fakültesi Dolunevler sitesi 2731 sokok No 23, Ankara 06500, Turkey. Email: aylar@gazi.edu.tr poyrazaylar@gmail.com

Jeremy Pryce, Department of Histopathology, Great Ormond Street Hospital, Camelia Botnar Labs, Great Ormond Street, London SW18 4PY, UK. Email: j.pryce@ucl.ac.uk

Lidia Raevskaya, Department of Pathology, Irkutsk Diagnostik Centre, 109 Baikalskaya Street, 664047 Irkutsk, Russia. Email: lidiraevska@yahoo.com

Maria Matilde Rodriguez, Department of Pathology, University of Miami/ Jackson Memorial Hospital, 1611 NW 12 Avenue-Holtz Center-2142, Miami, Florida 33136, USA. Email: mmrod@miami.edu
Carlota Rovira, Department of Pathology, Hospital Sant Joan de Déu, Pg Sant Joan de Déu n° 2, 08950 Barcelona, Spain. Email: crovira@hsjdbcn.org

Pawel Tomasz Schubert, Division of Anatomical Pathology, Western Cape Region, Tygerberg Hospital (Coastal), South Africa. Email: pawels@sun.ac.za

Camelia Stefanovici, Department of Pathology, Diagnostic Services of Manitoba/ Health Sciences Centre. 234 Tweedsmuir Road, R3P 1Y3, Winnipeg, Manitoba, Canada. Email: cstefano@shaw.ca

Kate Strachan, Department of Forensic Pathology, Victorian Institute of Forensic Medicine, 57-83 Kavanagh St., Southbank, Melbourne, Victoria 3006, Australia. Email: katestrachans@gmail.com

Peter Swart, Department of Anatomical Pathology, University of the Witwatersrand/ NHLS, 55a 7th Avenue, 2194, Randburg, Johannesburg, South Africa. Email: peter.swart@nhls.ac.za drpeterswart@hotmail.com

Kerry Turner, Department of Histopathology, Leeds Teaching Hospitals NHS Trust, St. James’ University Hospital, Beckett Street, Leeds LS9 7TF, UK. Email: kerryturner2@nhs.net

Gitta Turowski, Department of Pathology, Oslo University Hospital Ullevål, Kirkeveien 166, 0407 Oslo, Norway, Email: g.e.turowski@medisin.uio.no UXTUGI@ous-hf.no

Patrick van der Voorn, Department of Pathology, VU University Medical Center (VUMC), Singel 61, 1012VD Amsterdam, The Netherlands. Email: JP.vanderVoorn@vumc.nl

Christian Vokuhl, Pathologie Kiel, Sektion Kinderpathologie, Kindertumorregister der GPOH, Arnold-Heller-Str.3 Haus 14, 24105 Kiel, Germany. Email: cvokuhl@path.uni-kiel.de

Reubina Wadee, Department of Anatomical Pathology, University of the Witwatersrand/ National Health Laboratory Services, 111 Killarney Park, 15 5th Street Killarney, Johannesburg 2193, South Africa. Email: reubinawadee@gmail.com

Mike Watson, Anatomical Pathology, LabPlus, Auckland City Hospital, Park Rd, Grafton, 1010 Auckland, New Zealand. Email: MWatson@adhb.govt.nz

Martin Weber, Department of Cellular Pathology, Imperial College Healthcare NHS Trust, St. Mary’s Hospital, Praed Street, London W2 1NY, UK. Email: Martin.Weber@imperial.nhs.uk martin.weber@gstt.nhs.uk

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