

# Contributors

**Dr Cem AKIN**

Department of Internal Medicine  
University of Michigan  
1150 West Medical Center Drive  
Ann Arbor, MI 48109-5600  
USA  
Tel. +1 734 647 6234 / 936 5634  
Fax. +1 734 763 4151  
cemakin@umich.edu

**Dr Barbara J. BAIN\***

Department of Haematology  
Imperial College Faculty of Medicine  
St. Mary's Hospital  
Praed Street, London W2 1NY  
UK  
Tel. +44 207 886 1939  
Fax. +44 207 886 6809  
b.bain@ic.ac.uk

**Dr Françoise BERGER**

Department of Pathological Anatomy  
Lyon-Sud Hospital  
69495 Pierre-Bénite  
FRANCE  
Tel. +33 4 78 86 11 87  
Fax. +33 4 78 86 57 13  
francoise.berger@chu-lyon.fr

**Dr Richard D. BRUNNING\***

Department of Laboratory Medicine  
and Pathology, University of Minnesota  
420 Delaware Street SE  
Minneapolis, MN 55455  
USA  
Tel. +1 612 332 8001  
Fax. +1 612 624 6662  
Brunn001@umn.edu

**Dr Ioannis ANAGNOSTOPOULOS**

Charité Medical University of Berlin  
Institute of Pathology  
Hindenburgdamm 30  
12200 Berlin  
GERMANY  
Tel. +49 30 8445 2296  
Fax. +49 30 8445 4473  
ioannis.Anagnostopoulos@charite.de

**Dr Giovanni BAROSI**

Unit of Clinical Epidemiology  
and Center for the Study of  
Myelofibrosis  
IRCCS Policlinico S. Matteo  
27100 Pavia  
ITALY  
Tel. +39 038 250 3636  
Fax. +39 038 250 3917  
barosig@smatteo.pv.it

**Dr Emilio BERTI**

Institute of Dermatological Sciences,  
University of Milan, IRCCS Ospedale  
Maggiore, Policlinico, Mangiagalli and  
Regina Elena  
Via Pace 9, 20122 Milano  
ITALY  
Tel. +39 025 503 5107 / 5200  
Fax. +39 025 032 0779  
emilio.berti@unimib.it

**Dr Walter BURGDORF**

Traubinger Strasse 45A  
82327 Tutzing  
GERMANY  
Tel. +49 8158 7159  
wburgdorf@gmx.de

**Dr Katsuyuki AOZASA**

Department of Pathology (C3)  
Osaka University Graduate School of  
Medicine  
Yamada-oka 2-2  
565-0871 Suita, Osaka  
JAPAN  
Tel. +81 6 6879 3710  
Fax. +81 6 6879 3713  
aozasa@molpath.med.osaka-u.ac.jp

**Dr Irith BAUMANN**

Institute of Pathology  
Bayreuth Clinic  
Preuschwitzer Street 101  
95445 Bayreuth  
GERMANY  
Tel. +49 921 400 5612  
Fax. +49 921 400 5609  
iirith.baumann@klinikum-bayreuth.de

**Dr Gunnar BIRGEGARD**

Department of Pathology  
University Hospital  
SE-75185 Uppsala  
SWEDEN  
Tel. +46 18 61 10 000  
Fax. +46 18 50 92 97  
gunnar.birgegard@medsci.uu.se

**Dr Elias CAMPO\***

Department of Pathology  
Hospital Clinic, University of Barcelona  
Villarroel 170  
08036 Barcelona  
SPAIN  
Tel. +34 93 227 5450  
Fax. +34 93 227 5717  
ecampo@clinic.ub.es

**Dr Daniel A. ARBER\***

Stanford University Medical Center  
300 Pasteur Drive H1507 M/C 5627  
Stanford, CA 94305-5627  
USA  
Tel. +1 650 725 5604  
Fax. +1 650 736 1473  
darber@stanfordmed.org

**Dr Marie-Christine BENE**

Laboratory of Immunology  
Nancy University UHP & Nancy CHU  
9 Avenue de la Forêt de Haye  
54505 Vandoeuvre-Les-Nancy  
FRANCE  
Tel. +33 383 68 36 60 / 15 76 15  
Fax. +33 383 44 60 22  
marie-christine.bene@medecine.uhp-  
nancy.fr

**Dr Clara D. BLOOMFIELD**

The Ohio State University  
519 James Cancer Hospital  
300 West 10th Avenue  
Columbus, OH 43210  
USA  
Tel. +1 614 293 7518  
Fax. +1 614 293 3132  
clara.bloomfield@osumc.edu

**Dr Daniel CATOVSKY**

Section of Haemato-oncology  
Institute of Cancer Research  
15 Cotswold Road  
Sutton, Surrey SM2 5NG  
UK  
Tel. +44 208 722 4114  
Fax. +44 207 795 0310  
Daniel.Catovsky@icr.ac.uk

**Dr Michele BACCARANI**

Department of Haematology and  
Oncological Sciences, L. and A. Seràgnoli  
University of Bologna  
Via G. Massarenti 9  
40138 Bologna  
ITALY  
Tel. +39 051 636 3680  
Fax. +39 051 398 973  
baccarani@med.unibo.it

**Dr Daniel BENHARROCH**

Department of Pathology  
Ben Gurion University  
Soroka University Medical Center  
84101 Beer-Sheva  
ISRAEL  
Tel. +972 8 640 0920  
Fax. +972 8 623 2770  
benaroch@bgu.ac.il

**Dr Bettina BORISCH**

Department of Pathology - CMU  
University of Geneva  
1, Rue Michel Servet  
1211 Geneva 4  
SWITZERLAND  
Tel. +41 22 379 5893 / 5954  
Fax. +41 22 379 5912  
Bettina.Borisch@medecine.unige.ch

**Dr Lorenzo CERRONI**

Department of Dermatology  
Medical University of Graz  
Auenbruggerplatz 8  
8036 Graz  
AUSTRIA  
Tel. +43 3 16385 2423  
Fax. +43 3 16385 2466  
lorenzo.cerroni@meduni-graz.at

**Dr John M. BENNETT**

Departments of Medicine and Pathology  
University of Rochester Medical Center  
and the James P. Wilmot Cancer Center  
601 Elmwood Avenue  
Rochester, NY 14642  
USA  
Tel. +1 585 275 4915  
Fax. +1 585 442 0039  
John\_Bennett@URMC.Rochester.edu

**Dr Michael J. BOROWITZ\***

Department of Pathology and Oncology  
The John Hopkins Medical Institutions  
401 North Broadway  
Baltimore, MD 21231  
USA  
Tel. +1 410 614 2889  
Fax. +1 410 502 1493  
mborowit@jhmi.edu

**Dr Ethel CESARMAN**

Department of Pathology and  
Laboratory, Medicine  
Weill Cornell Medical College  
New York, NY 10065  
USA  
Tel. +1 212 746 8838  
Fax. +1 212 746 4483  
ecesarm@med.cornell.edu

\*The asterisk indicates participation in the Working Group Meeting on the WHO Classification of Tumours of Haematopoietic and Lymphoid Tissues that was held in Lyon, France, October 25-27, 2007.

**Dr Amy CHADBURN**

Department of Pathology and  
Laboratory Medicine  
Weill Cornell Medical College  
New York, NY 10065  
USA  
Tel. +1 212 746 2442  
Fax. +1 212 746 8173  
achadbur@med.cornell.edu

**Dr Martina DECKERT**

Department of Neuropathology  
University of Cologne  
Kerpener Str. 62  
50924 Cologne  
GERMANY  
Tel. +49 221 478 5265  
Fax. +49 221 478 7237  
martina.deckert@uni-koeln.de

**Dr Fabio FACCHETTI**

Department of Pathology I  
University of Brescia, Hospital of Brescia  
Piazzale Spedali Civili 1  
25124 Brescia  
ITALY  
Tel. +39 030 399 5426  
Fax. +39 030 338 4418  
facchetti@med.unibs.it

**Dr Norbert GATTERMANN**

Department of Hematology/Oncology  
Heinrich Heine University  
Moorenstrasse 5  
40225 Düsseldorf  
GERMANY  
Tel. +49 211 811 6500  
Fax. +49 211 811 8853  
gattermann@med.uni-duesseldorf.de

**Dr John K.C. CHAN\***

Department of Pathology  
Queen Elizabeth Hospital  
Wylie Road, Kowloon  
Hong Kong  
SAR CHINA  
Tel. +852 2958 6830  
Fax. +852 2385 2455  
jkchan@ha.org.hk

**Dr Jan DELABIE**

Department of Pathology  
The Norwegian Radium Hospital  
University of Oslo  
0310 Oslo  
NORWAY  
Tel. +47 22 93 4879  
Fax. +47 22 73 0164  
jan.delabie@labmed.uio.no

**Dr Brunangelo FALINI\***

Institute of Haematology, University of  
Perugia Policlinico Monteluce  
Via Brunamonti  
06122 Perugia  
ITALY  
Tel. +39 075 578 3219  
Fax. +39 075 578 3834 / 3691  
faliniem@unipg.it

**Dr Philippe GAULARD\***

Department of Pathology,  
Henri Mondor Hospital, INSERM U 841  
51, Avenue Maréchal de Lattre de Tassigny  
94010 Créteil  
FRANCE  
Tel. +33 1 49 81 27 43  
Fax. +33 1 49 81 27 33  
philippe.gaulard@hmn.aphp.fr

**Dr Wing Chung CHAN\***

Department of Pathology  
University of Nebraska Medical Center  
983135 Nebraska Medical Center  
Omaha, NE 68198  
USA  
Tel. +1 402 559 7689  
Fax. +1 402 559 6018  
jchan@unmc.edu

**Dr Georges DELSOL\***

Laboratory of Pathological Anatomy  
CHU Purpan, Place du Docteur Baylac  
31059 Toulouse Cedex  
FRANCE  
Tel. +33 5 61 77 75 25  
Fax. +33 5 61 77 76 03  
gdsol@toulouse.inserm.fr

**Dr Judith A. FERRY**

Pathology Department, Warren 2  
Massachusetts General Hospital  
55 Fruit Street  
Boston, MA 02114  
USA  
Tel. +1 617 726 3978  
Fax. +1 617 726 7474  
jferry@partners.org

**Dr Ulrich GERMING**

Department of Hematology/Oncology  
and Clinical Immunology  
Heinrich Heine University  
Moorenstrasse 5, 40225 Düsseldorf  
GERMANY  
Tel. +49 211 811 7780  
Fax. +49 211 811 8853  
germing@med.uni-duesseldorf.de

**Dr Andreas CHOTT**

Institute of Pathology and Microbiology  
Wilhelminenspital  
Montleartstrasse 37  
1160 Vienna  
AUSTRIA  
Tel. +43 1 49150 3201  
Fax. +43 1 49150 3209  
andreas.chott@wienkav.at

**Dr Ahmet DOGAN**

Mayo Clinic, Department of Laboratory  
Medicine and Pathology  
200 First Street SW  
Rochester, MN 55905  
USA  
Tel. +1 507 538 4907  
Fax. +1 507 284 1599  
dogan.ahmet@mayo.edu

**Dr Christopher D.M. FLETCHER**

Department of Pathology  
Brigham and Women's Hospital  
75 Francis Street  
Boston, MA 02115  
USA  
Tel. +1 617 732 8558  
Fax. +1 617 566 3897  
cfletcher@partners.org

**Dr D. Gary GILLILAND**

Brigham and Women's Hospital  
Harvard Medical School  
1 Flackfan Circle  
Boston, MA 02115  
USA  
Tel. +1 617 355 9092  
Fax. +1 617 355 9093  
ggilliland@rics.bwh.harvard.edu

**Dr Robert W. COUPLAND**

Department of Pathology  
Vancouver General Hospital  
855 West 12th Avenue  
Vancouver, BC V5Z 1M9  
CANADA  
Tel. +1 604 875 5273  
Fax. +1 604 875 5707  
Robert.Coupland@vch.ca

**Dr Lyn M. DUNCAN**

Department of Dermatopathology  
Massachusetts General Hospital  
55 Fruit Street, Warren 820  
Boston, MA 02114  
USA  
Tel. +1 617 726 8890  
Fax. +1 617 726 8711  
duncan@helix.mgh.harvard.edu

**Dr Kathryn FOUCAR**

Department of Pathology, University of  
New Mexico Health Sciences Center  
1001 Woodward Place NE  
Albuquerque, NM 87102  
USA  
Tel. +1 505 938 8457  
Fax. +1 505 938 8414  
Kfoucar@salud.unm.edu

**Dr Heinz GISSLINGER**

Department of Internal Medicine I  
Medical University of Vienna  
Währinger Gürtel 18-20  
1090 Wien  
AUSTRIA  
Tel. +43 1 40400 5464  
Fax. +43 1 40400 4030  
heinz.gisslinger@meduniwien.ac.at

**Dr Daphne DE JONG**

Department of Pathology  
The Netherlands Cancer Institute  
Antoni van Leeuwenhoek Hospital  
Plesmanlaan 121, 1066 CX Amsterdam  
THE NETHERLANDS  
Tel. +31 20 512 2752  
Fax. +31 20 512 2759  
d.d.jong@nki.nl

**Dr Kojo S.J. ELENITOBA-JOHNSON**

University of Michigan Medical School  
109 Zina Pitcher Place  
Ann Arbor, MI 48109-2200  
USA  
Tel. +1 734 647 8153  
Fax. +1 734 615 2331  
kojoelen@umich.edu

**Dr Randy D. GASCOYNE**

Department of Pathology  
British Columbia Cancer Agency  
600 W 10th Avenue  
Vancouver, BC V5Z 4E6  
CANADA  
Tel. +1 604 877 6098 Ext 2097  
Fax. +1 604 877 6178  
rgascoyn@bccancer.bc.ca

**Dr Peter L. GREENBERG**

Haematology Division  
Stanford University Cancer Center  
875 Blake Wilbur Drive, Room 2335  
Stanford, CA 94305-5821  
USA  
Tel. +1 650 725 8355  
Fax. +1 650 723 1269  
peterg@stanford.edu

**Dr Christiane DE WOLF-PEETERS\***

Department of Pathology  
University Hospitals K.U. Leuven  
Minderbroederstraat 12  
3000 Leuven  
BELGIUM  
Tel. +32 16 336 582  
Fax. +32 16 336 548  
christiane.peeters@uz.kuleuven.ac.be

**Dr Luis ESCRIBANO**

Centro de Estudios de Mastocitosis de  
Castilla La Mancha, Hospital Virgen del Valle  
Carretera de Cobisa s/n 45071 Toledo  
SPAIN  
Tel. +34 925 269 200 Ext. 49335  
Fax. +34 925 269 355  
lescribanom@sescam.jccm.es  
luisescribanomora@hotmail.com

**Dr Kevin C. GATTER**

Nuffield Department of Clinical Laboratory  
Sciences, John Radcliffe Hospital  
Level 4, Academic Block  
Oxford OX3 9DU  
UK  
Tel. +44 1865 220 556  
Fax. +44 1865 228 980  
kevin.gatter@ndcls.ox.ac.uk

**Dr Thomas M. GROGAN**

Department of Pathology  
University of Arizona  
1501 N. Campbell Avenue  
Tucson, AZ 85724  
USA  
Tel. +1 520 906 2989  
Fax. +1 520 229 4074  
tgrogan@ventanamed.com

**Dr Karen L. GROGG**

Department of Laboratory Medicine and Pathology, Mayo Clinic  
200 First Street, SW  
Rochester, MN 55905  
USA  
Tel. +1 507 538 1180  
Fax. +1 507 284 1599  
grogg.karen@mayo.edu

**Dr Margarita GUENOVA**

Laboratory of Cytopathology, Histopathology and Immunology, National Center of Haematology and Transfusiology  
6 Plovdivsko pole Str, 1756 Sofia  
BULGARIA  
Tel. +359 888 248 324  
Fax. +359 287 073 16  
margenova@mail.bg

**Dr Nancy Lee HARRIS\***

Pathology-Warren 2  
Massachusetts General Hospital  
55 Fruit Street  
Boston, MA 02114  
USA  
Tel. +1 617 726 5155  
Fax. +1 617 726 7474  
niharris@partners.org

**Dr Robert Paul HASSERJIAN**

Department of Pathology  
Massachusetts General Hospital  
55 Fruit Street  
Boston, MA 02114-2698  
USA  
Tel. +1 617 724 1445  
Fax. +1 617 726 7474  
rhasserjian@partners.org

**Dr Eva HELSTROM-LINDBERG**

Department of Medicine, Division of Hematology, Karolinska Institute  
Karolinska University Hospital,  
Huddinge  
14186 Stockholm  
SWEDE  
Tel. +46 8 5858 2506  
Fax. +46 8 774 8725  
Eva.Hellstrom-Lindberg@ki.se

**Dr Hans-Peter HORNY**

Clinic of Ansbach  
Institute of Pathology  
Escherichstr. 6  
91522 Ansbach  
GERMANY  
Tel. +49 981 488 8344  
Fax. +49 981 488 8310  
horny@pathologie-ansbach.com

**Dr Peter G. ISAACSON\***

Department of Histopathology  
Royal Free and University College Medical School, University College London  
Hospitals Trusts  
London WC1E6JJ  
UK  
Tel. +44 207 679 6045  
Fax. +44 207 387 3674  
p.isaacson@ucl.ac.uk

**Dr Elaine S. JAFFE\***

Laboratory of Pathology  
Center for Cancer Research  
National Cancer Institute  
10 Center Drive MSC 1500  
Bethesda, MD 20892  
USA  
Tel. +1 301 496 0183  
Fax. +1 301 402 2415  
elainejaffe@nih.gov

**Dr Ronald JAFFE**

Department of Pathology  
Children's Hospital  
3705 5th Avenue  
Pittsburgh, PA 15213  
USA  
Tel. +1 412 692 5657  
Fax. +1 412 692 6550  
ronald.jaffe@chp.edu

**Dr Daniel M. JONES**

Department of Pathology  
U-T - M.D. Anderson Cancer Center  
1515 Holcombe Boulevard  
Houston, TX 77030  
USA  
Tel. +1 713 745 2598  
Fax. +1 713 745 0736  
dajones@mdanderson.org

**Dr Marshall E. KADIN**

Department of Dermatology and Skin Surgery, Roger Williams Medical Center  
50 Maude Street  
Providence, RI 02908  
USA  
Tel. +1 401 456 2521  
Fax. +1 401 456 6449  
mkadin@rwmc.org

**Dr Masahiro KIKUCHI**

Karindoh Hospital  
Ozasa 5-21-34, Chuo-ku  
810-0033 Fukuoka  
JAPAN  
Tel. +81 92 522 3574  
Fax. +81 92 522 3574  
masakiku@karindoh.or.jp

**Dr Hiroshi KIMURA**

Department of Virology  
Nagoya University,  
Graduate School of Medicine  
65 Tsurumai-Cho, Showa-ku  
466-8550 Nagoya  
JAPAN  
Tel. +81 52 744 2207  
Fax. +81 52 744 2452  
hkimura@med.nagoya-u.ac.jp

**Dr Marsha C. KINNEY**

Department of Pathology  
Health Science Center, University of Texas  
7703 Floyd Curl Drive  
San Antonio, TX 78229-3900  
USA  
Tel. +1 210 567 4098  
Fax. +1 210 567 0409  
kinneym@uthscsa.edu

**Dr Philip M. KLUIN\***

Department of Pathology and Laboratory Medicine  
University Medical Center Groningen  
UMCG University of Groningen  
Hanzeplein 1, 9713 GZ, Groningen  
THE NETHERLANDS  
Tel. +31 50 361 0020 / 6161  
Fax. +31 50 361 9107  
p.m.kluin@path.umcg.nl

**Dr Young-Hyeh KO**

Department of Pathology, Samsung Medical Center, Sungkyunkwan University School of Medicine  
Kangnam-gu, Ilwon-dong 50  
135-710 Seoul  
REPUBLIC OF KOREA  
Tel.: +82 2 3410 2762  
Fax. +82 2 3410 0025  
yhko310@skku.edu

**Dr Alla M. KOVRIGINA**

N. N. Blokhin Cancer Research Centre  
Russian Academy of Medical Sciences  
24, Kashyrskoe Shosse,  
115478 Moscow  
RUSSIAN FEDERATION  
Tel. +7 495 324 61 02  
Fax. +7 495 323 57 10  
kovrigina-alla@mail.ru

**Dr Laszlo KRENACS**

Laboratory of Tumor Pathology  
Institute for Biotechnology  
Bay Zoltan Foundation for Applied Research  
Derkovits Faszor 2, 6726 Szeged  
HUNGARY  
Tel. +36 62 432 248  
Fax. +36 62 432 250  
krenacsl@bay.u-szeged.hu

**Dr W. Michael KUEHL**

Genetics Branch, National Cancer Institute, Bethesda Naval Hospital  
8901 Wisconsin Avenue  
Bethesda, MD 20889-5101  
USA  
Tel. +1 301 435 5421  
Fax. +1 301 496 0047  
wmk@helix.nih.gov

**Dr Jeffery L. KUTOK**

Department of Pathology  
Brigham and Women's Hospital  
75 Francis Street  
Boston, MA 02115  
USA  
Tel. +1 617 732 5714  
Fax. +1 617 264 5169  
jkutok@partners.org

**Dr Hans Michael KVASNICKA**

Institute for Pathology  
University of Cologne  
Kerpener Str. 62  
50924 Cologne  
GERMANY  
Tel. +49 221 478 6369  
Fax. +49 221 478 6360  
hm.kvasnicka@uni-koeln.de

**Dr ROBERT A. KYLE**

Department of Laboratory Medicine and Pathology  
Mayo Clinic  
200 First Street SW  
Rochester, MN 55905  
USA  
Tel. +1 507 284 3039  
Fax. +1 507 266 9277  
Kyle.Robert@mayo.edu

**Dr Richard A. LARSON**

Department of Medicine  
University of Chicago,  
Cancer Research Center  
5841 S. Maryland Avenue, MC2115  
Chicago, IL 60637  
USA  
Tel. +1 773 702 6783  
Fax. +1 773 702 3002  
rlarson@medicine.bsd.uchicago.edu

**Dr Michelle M. LE BEAU**

Cancer Cytogenetics Laboratory  
University of Chicago  
5841 S. Maryland Avenue MC1140  
Chicago, IL 60637  
USA  
Tel. +1 773 702 0795  
Fax. +1 773 702 9311  
mlebeau@medicine.bsd.uchicago.edu

**Dr Lorenzo LEONCINI**

Institute of Human Pathology and Oncology, University of Siena  
Via delle Scotte, 6  
53100 Siena  
ITALY  
Tel. +39 057 723 3237  
Fax. +39 057 723 3235  
leoncinil@unisi.it

**Dr Alan F. LIST**

Dept. of Malignant Hematology,  
H. Lee Moffitt Cancer Center  
and Research Institute  
12902 Magnolia Drive  
Tampa, FL 33612-9497  
USA  
Tel. +1 813 745 6083  
Fax. +1 813 745 3727  
Alan.List@Moffitt.org

**Dr Kenneth A. MACLENNAN**

ICRF, Cancer Medicine Research Unit  
St. James's University Hospital  
Leeds LS9 7TF  
UK  
Tel. +44 113 392 6049  
Fax. +44 113 392 6483  
kenneth.maclennan@leedsth.nhs.uk

**Dr William R. MACON**

Department of Laboratory Medicine and Pathology, Mayo Clinic  
200 First Street SW  
Rochester, MN 55905  
USA  
Tel. +1 507 284 1198  
Fax. +1 507 284 1599  
macon.william@mayo.edu

**Dr David Y. MASON** (deceased)  
Haematology Department  
John Radcliffe Hospital  
Level 4  
Oxford OX3 9DU  
UK  
Tel. +44 1865 220 356 / 7850 066 416  
Fax. +44 1865 740 811  
david.mason@ndcls.ox.ac.uk

**Dr Estella MATUTES**  
Section of Haemato-Oncology  
Institute of Cancer Research/Royal  
Marsden Hospital, 203 Fulham Road  
London SW3 6JJ  
UK  
Tel. +44 207 808 2609  
Fax. +44 207 808 2955  
Estella.Matutes@jcr.ac.uk

**Dr Robert W. MCKENNA**  
Department of Laboratory Medicine and  
Pathology, University of Minnesota  
420 Delaware Street SE, MMC 609  
Minneapolis, MN 55455  
USA  
Tel. +1 612 273 3137  
Fax. +1 612 624 6662  
mcken138@umn.edu

**Dr Chris J.L.M. MEIJER**  
Department of Pathology  
Free University Medical Center  
De Boelelaan 1117, PO Box 7057  
1007 MB Amsterdam  
THE NETHERLANDS  
Tel. +31 20 444 4070  
Fax. +31 20 444 2964  
cjl.m.meijer@vumc.nl

**Dr Junia V. MELO**  
Division of Haematology, Institute of  
Medical & Veterinary Sciences  
Frome Road  
Adelaide, SA 5000  
AUSTRALIA  
Tel. +61 8 8222 3441  
Fax. +61 8 8222 3139  
junia.melo@imvs.sa.gov.au

**Dr Dean D. METCALFE**  
Laboratory of Allergic Diseases, NIAID  
National Institutes of Health  
10 Center Drive, MSC 1881  
Bethesda, MD 20892 1881  
USA  
Tel. +1 301 496 2165  
Fax. +1 301 480 8384  
dmetcalfe@niaid.nih.gov

**Dr Manuela MOLLEJO**  
Department of Pathology  
Hospital Virgen de la Salud  
Avd. Barber, 30  
45004 Toledo  
SPAIN  
Tel. +34 925 269 245  
Fax. +34 925 253 613  
mmollejov@sescam.jccm.es

**Dr Peter MÖLLER**  
Department of Pathology  
University of Ulm  
89069 Ulm  
GERMANY  
Tel. +49 731 5005 6320  
Fax. +49 731 5005 6384  
peter.moeller@uniklinik-ulm.de

**Dr Emili MONTSERRAT**  
Department of Hematology, Hospital  
Clínic IDIBAPS, University of Barcelona  
Villarroel, 170  
08036 Barcelona  
SPAIN  
Tel. +34 93 227 5475  
Fax. +34 93 227 9811  
emontse@clinic.ub.es

**Dr William G. MORICE**  
Department of Laboratory Medicine and  
Pathology, Mayo Clinic  
200 First Street SW  
Rochester, MN 55905  
USA  
Tel. +1 507 284 2511  
Fax. +1 507 284 5115  
morice.william@mayo.edu

**Dr Hans Konrad MÜLLER-HERMELINK\***  
Department of Pathology  
University of Würzburg  
Josef-Schneider-Str. 2  
97080 Würzburg  
GERMANY  
Tel. +49 931 2014 7776  
Fax. +49 931 2014 7440  
path062@uni-wuerzburg.de

**Dr Shigeo NAKAMURA\***  
Department of Pathology and Clinical  
Laboratories  
Nagoya University Hospital  
65 Tsurumai-cho, Showa-ku  
466-8560 Nagoya  
JAPAN  
Tel. +81 52 744 2896  
Fax. +81 52 744 2897  
snakamura@med.nagoya-u.ac.jp

**Dr Bharat N. NATHWANI**  
Department of Hematopathology  
University of Southern California  
Keck School of Medicine  
1200 North State Street  
Los Angeles, CA 90033  
USA  
Tel. +1 323 226 7063  
Fax. +1 323 226 7119  
nathwani@usc.edu

**Dr Charlotte M. NIEMEYER**  
Department of Pediatrics and Adolescent  
Medicine, University of Freiburg  
Mathildengasse 11  
79106 Freiburg  
GERMANY  
Tel. +49 761 270 4506  
Fax. +49 761 270 4518  
charlotte.niemeyer@uniklinik-freiburg.de

**Dr Hiroko OHGAKI\***  
International Agency for Research on  
Cancer (IARC)  
150, Cours Albert Thomas  
69008 Lyon  
FRANCE  
Tel. +33 4 72 73 85 34  
Fax. +33 4 72 73 86 98  
ohgaki@iarc.fr

**Dr Koichi OHSHIMA**  
Department of Pathology  
Kurume University, School of Medicine  
Asahimati 67  
830011 Kurume  
JAPAN  
Tel. +81 942 317 547  
Fax. +81 942 310 342  
ohshima\_kouichi@med.kurume-u.ac.jp

**Dr Mihaela ONCIU**  
Department of Pathology  
St. Jude Children's Research Hospital  
332 North Lauderdale Street  
Memphis, TN 38128  
USA  
Tel. +1 901 495 5347  
Fax. +1 901 495 3100  
Mihaela.Onciu@StJude.org

**Dr Attilio ORAZI**  
Department of Pathology and Laboratory  
Medicine, Weill Medical College of  
Cornell University, 525 E. 68th street  
New York, NY 10021  
USA  
Tel. +1 212 746 2442  
Fax. +1 212 746 8173  
ato9002@med.cornell.edu

**Dr German OTT**  
Department of Clinical Pathology  
Robert Bosch Hospital  
Auerbachstrasse 110  
70376 Stuttgart  
GERMANY  
Tel. +49 711 8101 3394  
Fax. +49 711 8101 3619  
German.Ott@rbk.de

**Dr Marco PAULLI**  
Department of Pathology  
University of Pavia  
Policlinico San Matteo Foundation,  
Via Forlanini 14, 27100 Pavia  
ITALY  
Tel. +39 038 250 1241 / 2953  
Fax. +39 038 252 5866  
m.paulli@smatteo.pv.it

**Dr Suat-Cheng PEH**  
Department of Pathology  
University of Malaya Kuala Lumpur  
50603 Kuala Lumpur  
MALAYSIA  
Tel. +60 3 796 75797 / 794 92064  
Fax. +60 3 755 6845 / 795 5021  
chensuat@netscape.net  
pehsc@um.edu.my

**Dr LoAnn PETERSON**  
Department of Pathology  
Northwestern University  
Feinberg School of Medicine  
251 E. Huron Street, Chicago, IL 60611  
USA  
Tel. +1 312 926 8540  
Fax. +1 312 926 0560  
loannc@northwestern.edu

**Dr Tony PETRELLA**  
Center of Pathology  
Laboratory of Pathological Anatomy,  
CHU  
33 Rue Nicolas Bornier BP 189  
21000 Dijon  
FRANCE  
Tel. +33 3 80 66 43 30  
Fax. +33 3 80 66 79 70  
T.PETRELLA@centre-de-pathologie.fr

**Dr Stefano A. PILERI\***  
Department of Pathology and  
Oncological Sciences, "Seràgnoli"  
St Orsola- Malpighi Hospital, University  
of Bologna, School of Medicine  
Via G. Massarenti 9, 40138 Bologna  
ITALY  
Tel. +39 051 636 3044  
Fax. +39 051 636 3606  
stefano.pileri@unibo.it

**Dr Miguel A. PIRIS\***  
Molecular Pathology Programme  
Spanish National Cancer Centre  
(CNIO) Melchor Fernandez Almagro 3  
28029 Madrid  
SPAIN  
Tel. +34 91 224 6965  
Fax. +34 91 224 6923  
mapiris@cnio.es

**Dr Stefania PITTALUGA**  
Laboratory of Pathology  
National Institutes of Health  
10 Center Drive MSC-1500  
Bethesda, MD 20892-1500  
USA  
Tel. +1 301 402 0297  
Fax. +1 301 402 2415  
stefpitt@mail.nih.gov

**Dr Maurizio PONZONI**  
Unit of Lymphoid Malignancies  
San Raffaele Scientific Institute  
Via Olgettina 60  
20132 Milano  
ITALY  
Tel. +39 02 2643 2544  
Fax. +39 02 2643 2409  
ponzoni.maurilio@hsr.it

**Dr Sibrand POPPEMA**  
Dept. of Pathology and Laboratory  
Medicine, University Medical Centre  
Groningen, Hanzeplein 1  
P.O. Box 30.001  
9700 RB Groningen  
THE NETHERLANDS  
Tel. +31 50 361 0281  
Fax. +31 50 361 4351  
s.poppema@rvb.umcg.nl

**Dr Anna PORWIT\***  
Department of Pathology  
Karolinska University Hospital  
171 76 Stockholm  
SWEDEN  
Tel. +46 8 51 77 55 14  
Fax. +46 8 51 77 58 43  
anna.porwit@karolinska.se

**Dr Kevin SHANNON**  
University of California  
at San Francisco  
513 Parnassus Avenue  
San Francisco, CA 94143-0519  
USA  
Tel. +1 415 476 7932  
Fax. +1 415 502 5127  
shannonk@peds.ucsf.edu

**Dr Ayalew TEFFERI**  
Division of Hematology  
Mayo Clinic  
200 First Street, S.W.  
Rochester, MN 55905  
USA  
Tel. +1 507 284 3159  
Fax. +1 507 266 4972  
tefferi.ayalew@mayo.edu

**Dr Neus VILLAMOR**  
Hematopathology Unit, IDIBAPS  
Hospital Clinic  
Villarroel 170  
08036 Barcelona  
SPAIN  
Tel. +34 93 227 5572  
Fax. +34 93 227 5572  
villamor@clinic.ub.es

**Dr Leticia QUINTANILLA-MARTINEZ**  
Institute of Pathology, University Hospital  
Tuebingen, Eberhard Karls University  
Liebermeisterstrasse 8  
72076 Tuebingen  
GERMANY  
Tel. +49 707 1298 2266  
Fax. +49 707 1292 258  
leticia.quintanilla-fend@med.uni-tuebingen.de

**Dr Bruce R. SMOLLER**  
Dept. of Pathology, College of Medicine,  
University of Arkansas for Medical Sciences  
4301 West Markham Street  
Little Rock, AR 72205  
USA  
Tel. +1 501 686 5170  
Fax. +1 501 296 1184  
smollerbrucer@uams.edu

**Dr Catherine THIEBLEMONT**  
Unit of Onco-Haematology  
Saint-Louis Hospital  
1, Avenue Calude Vellefaux  
75010 Paris  
FRANCE  
Tel. +33 1 42 49 98 37  
Fax. +33 1 42 49 96 41  
catherine.thieblemont@sls.aphp.fr

**Dr Reinhard VON WASIELEWSKI**  
Institute of Pathology  
Hannover School of Medicine  
Carl-Neubergstrasse 1  
30625 Hannover  
GERMANY  
Tel. +49 511 532 4470  
Fax. +49 511 532 5799  
Wasielewski.reinhard.von@mh-hannover.de

**Dr Elisabeth RALFKIAER**  
Department of Pathology  
Copenhagen University Hospital  
Blegdamsvej 9  
2100 Copenhagen  
DENMARK  
Tel. +45 3545 5346  
Fax. +45 3545 6380  
e.ralfkiaer@rh.regionh.dk

**Dr Ivy SNG**  
Department of Pathology  
Singapore General Hospital  
Outram Road  
Singapore 169608  
SINGAPORE  
Tel. +65 6321 4926  
Fax. +65 6222 6826  
ivy.sng.t.y@sgh.com.sg

**Dr Jürgen THIELE\***  
Institute of Pathology  
University of Cologne  
Kerpener Str. 62  
50924 Cologne  
GERMANY  
Tel. +49 221 478 5008  
Fax. +49 221 478 6360  
j.thiele@uni-koeln.de

**Dr Roger A. WARNKE\***  
Department of Pathology  
Stanford University School of Medicine  
300 Pasteur Drive  
Stanford, CA 94305-5324  
USA  
Tel. +1 650 725 5167  
Fax. +1 650 725 6902  
rwarnke@stanford.edu

**Dr Martine RAPHAËL**  
Unit of Haematology and Biological  
Immunology, Cytogenetics  
INSERM U802, CHU Bicêtre  
78 rue du Général Leclerc,  
94270 Le Kremlin Bicêtre, FRANCE  
Tel. +33 1 45 21 20 06  
Fax. +33 1 45 21 28 47  
martine.raphael@bct.aphp.fr

**Dr Dominic SPAGNOLO**  
Path West Laboratory Medicine WA  
Locked Bag 2009  
Western Australia 6909 Nedlands  
AUSTRALIA  
Tel. +61 8 9346 2953  
Fax. +61 8 9346 4122  
Dominic.spagnolo@health.wa.gov.au

**Dr Peter VALENT**  
Medical University of Vienna  
Wahringer Gurtel 18-20  
1090 Vienna  
AUSTRIA  
Tel. +43 1 40400 6085  
Fax. +43 1 40400 4030  
peter.valent@meduniwien.ac.at

**Dr Steven A. WEBBER**  
Cardiology Department  
Children's Hospital of Pittsburgh  
3705 Fifth Avenue  
Pittsburgh, PA 15213  
USA  
Tel. +1 412 692 6995  
Fax. +1 412 692 6870  
steve.webber@chp.edu

**Dr Jonathan SAID**  
Department of Pathology and Laboratory  
Medicine, Center for the Health  
Sciences 13-226 UCLA  
10833 Le Conte Avenue  
Los Angeles, CA 90095-1732  
USA  
Tel. +1 310 825 1149  
Fax. +1 310 794 4161  
jsaid@mednet.ucla.edu

**Dr Harald STEIN\***  
Institute for Pathology  
Campus Benjamin Franklin  
Charité University Medicine Berlin  
12200 Berlin  
GERMANY  
Tel. +49 30 8445 2295  
Fax. +49 30 8445 4473  
harald.stein@charite.de

**Dr J. H. VAN KRIEKEN**  
Department of Pathology, Radboud  
University Nijmegen Medical Centre  
P.O. Box 9101  
6500 HB Nijmegen  
The NETHERLANDS  
Tel. +31 24 361 4352  
Fax. +31 24 354 0520  
J.vanKrieken@pathol.umcn.nl

**Dr Dennis D. WEISENBURGER**  
Department of Pathology and  
Microbiology  
University of Nebraska Medical Center  
Omaha, NE 68198-3135  
USA  
Tel. +1 402 559 7688  
Fax. +1 402 559 6018  
dweisenb@unmc.edu

**Dr Christian A. SANDER**  
Department of Dermatology  
Asklepios Klinik St. Georg  
Lohmuehlenstr. 5  
20099 Hamburg  
GERMANY  
Tel. +49 40 181 885 2220  
Fax. +49 40 181 885 2462  
c.sander@asklepios.com

**Dr Christer SUNDSTRÖM**  
Department of Pathology  
Uppsala University Hospital  
75185 Uppsala  
SWEDEN  
Tel. +46 18 61 13 806  
Fax. +46 18 61 12 665  
christer.sundstrom@akademiska.se

**Dr James W. VARDIMAN\***  
Department of Pathology  
University of Chicago Medical Center  
5841 S. Maryland Avenue  
Chicago, IL 60637-1470  
USA  
Tel. +1 773 702 6196  
Fax. +1 773 702 1200  
James.Vardiman@uchospitals.edu

**Dr Lawrence M. WEISS**  
Division of Pathology  
City of Hope National Medical Center  
1500 East Duarte Road  
Duarte, CA 91010-0269  
USA  
Tel. +1 626 256 4673  
Fax. +1 626 301 8145  
lweiss@coh.org

**Dr Masao SETO**  
Division of Molecular Medicine  
Aichi Cancer Center Research Institute  
Kanokoden Chikusa-ku  
464-8681 Nagoya  
JAPAN  
Tel. +81 52 762 6111 Ext. 7080 / 7082  
Fax. +81 52 764 2982  
mseto@aichi-cc.jp

**Dr Steven H. SWERDLOW\***  
Department of Pathology  
Division of Hematopathology  
UPMC Presbyterian  
200 Lothrop Street, Pittsburgh, PA 15213  
USA  
Tel. +1 412 647 5191  
Fax. +1 412 647 4008  
swerdlowsh@upmc.edu

**Dr Beatrice VERGIER**  
Department of Pathology, EA 2406  
CHU Bordeaux - Victor Segalen  
University, Haut-Lévêque Hospital  
Avenue de Magellan  
33604 Pessac - Bordeaux  
FRANCE  
Tel. +33 5 57 65 60 26  
Fax. +33 5 57 65 63 72  
beatrice.vergier@chu-bordeaux.fr

**Dr Sean J. WHITTAKER**  
Skin Cancer Unit  
St. John's Institute of Dermatology  
St. Thomas's Hospital  
Lambeth Palace Road, London SE1 7EM  
UK  
Tel. +44 207 188 6396  
Fax. +44 207 188 6257  
Sean.whittaker@kcl.ac.uk

**Dr Rein WILLEMZE\***  
Department of Dermatology  
Leiden University Medical Center  
PO Box 9600  
2300 RC Leiden  
THE NETHERLANDS  
Tel. +31 71 526 2421  
Fax. +31 71 524 8106  
willemze.dermatology@lumc.nl

**Dr Wyndham H. WILSON**  
Lymphoma Therapeutics Section,  
Metabolism Branch, National Cancer  
Institute  
10 Center Drive 10/12C42  
Bethesda, MD 20892  
USA  
Tel. +1 301 435 2415  
Fax. +1 301 402 0172  
wilsonw@mail.nih.gov

**Dr Tadashi YOSHINO**  
Department of Pathology, Okayama  
University Graduate School of Medicine  
Dentistry and Pharmaceutical Sciences  
2-5-1, Shikata-cho, 700-8558 Okayama  
JAPAN  
Tel. +81 86 235 7149  
Fax. +81 86 235 7156  
yoshino@md.okayama-u.ac.jp

## Clinical Advisory Committee

**Dr Kenneth C. ANDERSON**  
Dana Farber Cancer Institute  
Boston, MA, USA

**Dr Daniel CATOVSKY\*\***  
Institute of Cancer Research  
Sutton, U.K.

**Dr Hartmut DOHNER**  
University of Ulm  
Ulm, GERMANY

**Dr D. Gary GILLILAND\*\***  
Brigham and Women's Hospital  
Harvard Medical School  
Boston, MA, USA

**Dr Robert ARCECI**  
Kimmel Comprehensive Cancer Center  
Johns Hopkins Oncology Center  
Baltimore, MD, USA

**Dr Franco CAVALLI**  
San Giovanni Hospital  
Bellinzona, SWITZERLAND

**Dr Andreas ENGERT**  
University Hospital of Köln  
Köln, GERMANY

**Dr Peter L. GREENBERG\*\***  
Stanford University Cancer Center  
Stanford, CA, USA

**Dr James O. ARMITAGE**  
University of Nebraska Medical Center  
Omaha, NE, USA

**Dr Bruce CHESON**  
Georgetown University Hospital  
Washington, DC, USA

**Dr Elihu H. ESTEY**  
Fred Hutchinson Cancer Research  
Center, University of Washington,  
Seattle, WA, USA

**Dr Anton HAGENBEEK**  
Academic Medical Center  
Amsterdam, THE NETHERLANDS

**Dr Tiziano BARBUI**  
Hospitals of Bergamo  
Bergamo, ITALY

**Dr Bertrand COIFFIER**  
Lyon-Sud Hospital  
Pierre Bénite, FRANCE

**Dr Brunangelo FALINI\*\***  
Institute of Haematology, Policlinico  
Monteluce  
Perugia, ITALY

**Dr Eva HELLSTROM-LINDBERG\*\***  
Karolinska Institute  
Karolinska University, Hospital  
Huddinge, Stockholm, SWEDEN

**Dr John BENNETT\*\***  
University of Rochester Medical Center  
Rochester, NY, USA

**Dr Joseph CONNORS**  
B.C. Cancer Agency  
Vancouver Clinic  
Vancouver, CANADA

**Dr Pierre FENAUX**  
Avicenne Hospital  
University Paris XIII  
Bobigny, FRANCE

**Dr Wolfgang HIDDEMANN**  
University of Munich  
Munich, GERMANY

**Dr Peter Leif BERGSAGEL**  
Mayo Clinic  
Scottsdale, AZ, USA

**Dr Theo M. DE WITTE**  
University Hospital Nijmegen  
Nijmegen, THE NETHERLANDS

**Dr Richard I. FISHER**  
University of Rochester Medical Center  
Rochester, NY, USA

**Dr Richard HOPPE**  
Stanford University Medical Center  
Palo Alto, CA, USA

**Dr Clara D. BLOOMFIELD\*\***  
(Myeloid chair)  
Ohio State University  
Columbus, OH, USA

**Dr Volker DIEHL**  
University Hospital of Köln  
Köln, GERMANY

**Dr Robin FOA**  
University "La Sapienza"  
Rome, ITALY

**Dr Sandra J. HORNING**  
(Lymphoid co-chair)  
Stanford University Medical Center  
Palo Alto, CA, USA

**Dr William CARROLL**  
NYU School of Medicine  
New York, NY, USA

**Dr Meletios A. DIMOPOULOS**  
University of Athens  
Athens, GREECE

**Dr Ulrich GERMING\*\***  
Heinrich Heine University  
Duesseldorf, GERMANY

**Dr Melissa M. HUDSON**  
St. Jude Children's Hospital  
Memphis, TN, USA

**Dr Peter JOHNSON**  
CR UK Clinical Centre  
Southampton General Hospital  
School of Medicine, Southampton, UK

**Dr Michael J. KEATING**  
UT M.D. Anderson Cancer Center  
Houston, TX, USA

**Dr Eva KIMBY**  
Karolinska Institute  
Huddinge University Hospital  
Huddinge, SWEDEN

**Dr Richard A. LARSON\*\***  
University of Chicago  
Chicago, IL, USA

**Dr Michelle M. LE BEAU\*\***  
University of Chicago  
Chicago, IL, USA

**Dr Raymond LIANG**  
University of Hong Kong  
Queen Mary Hospital, Pokfulam  
HONG KONG, SAR CHINA

**Dr David C. LINCH**  
University College London  
London, UK

**Dr Michael LINK**  
Stanford University School of Medicine  
Palo Alto, CA, USA

**Dr Alan F. LIST\*\***  
H. Lee Moffitt Cancer Center  
and Research Institute  
Tampa, FL , USA

**Dr T. Andrew LISTER**  
St. Bartholomew's Hospital  
London, UK

**Dr Estella MATUTES\*\***  
Royal Marsden Hospital/  
Institute of Cancer Research  
London, UK

**Dr Emili MONTSERRAT\*\***  
(Lymphoid co-chair)  
Hospital Clinic, University of Barcelona  
Barcelona, SPAIN

**Dr Tomoki NAOE**  
Nagoya University Hospital  
Showa-ku, Nagoya, JAPAN

**Dr Charlotte Marie NIEMEYER\*\***  
University of Freiburg  
Freiburg, GERMANY

**Dr Michael PFREUNDSCHUH**  
Saarland University Medical School  
Homburg, GERMANY

**Dr Kanti R. RAI**  
Long Island Jewish Medical Center  
New Hyde Park, NY, USA

**Dr Steven T. ROSEN**  
Robert H. Lurie Comprehensive  
Cancer Center,  
Northwestern University  
Chicago, IL, USA

**Dr Gilles André SALLES**  
Lyon-Sud Hospital  
Pierre-Bénite, FRANCE

**Dr Kevin SHANNON\*\***  
University of California  
San Francisco, CA  
USA

**Dr Margaret A. SHIPP**  
Dana Farber Cancer Institute  
Boston, MA, USA

**Dr Martin TALLMAN**  
Northwestern University  
Feinberg School of Medicine  
Chicago, IL, USA

**Dr Ayalew TEFFERI\*\***  
Mayo Clinic  
Rochester, MN, USA

**Dr Stephen P. TREON**  
Dana Farber Cancer Institute  
Boston, MA, USA

**Dr Kunihiro TSUKASAKI**  
Atomic Bomb Disease Institute  
Nagasaki University, Graduate School  
of Biomedical Science, Nagasaki  
JAPAN

**Dr Rein WILLEMZE\*\***  
Leiden University Medical Center  
Leiden, The NETHERLANDS

**Dr Wyndham H. WILSON\*\***  
National Cancer Institute  
Bethesda, MD, USA

**Dr Motoko YAMAGUCHI**  
Mie University Graduate School of  
Medicine  
Tsu, Mie, JAPAN

**Dr Andrew ZELENETZ**  
Memorial Sloan Kettering Cancer Center  
New York, NY, USA

**Dr Pier-Luigi ZINZANI**  
Department of Haematology and Oncological  
Sciences, "L. and A. Seragnoli"  
University of Bologna, Bologna, ITALY

**Dr Emmanuele ZUCCA**  
"La Carita" Hospital  
Locarno, SWITZERLAND

---

\*\*They are also contributors.