

## PERSONAL INFORMATION

Angela Thomas

## WORK EXPERIENCE

January 1993–June 2017

**Consultant Paediatric Haematologist**

Lothian Health Board, Edinburgh (United Kingdom)

Care of children with haematological disorders both as in patients and out patients. Liaison paediatric haematology. Running a haematology lab. Director of the Edinburgh Haemophilia Centre. University post so teaching and supervision of training significant component. Since retiring in June 2017, I have continued with many of my previous teaching commitments for the University of Edinburgh

November 2005–December 2018

**Vice chair CHM**

MHRA (United Kingdom)

Chair of Clinical Trials, Biologicals and Vaccines Expert Advisory Group (CHM)

Member of Commission on Human Medicines; Vice chair from Jan 2015

Oncology and Haematology Expert Advisory Group (CHM): Vice-chair 2010–2013, July 2014-present; acting chair 2013–July 2014

## EDUCATION AND TRAINING

November 2005–Present

**MB BS; PhD; FRCPE, FRCPath**

University of London; Royal College of Pathologists (United Kingdom)

Medical degree;haematology; molecular genetics

## ADDITIONAL INFORMATION

**Expertise****Job related skills:**

As a consultant paediatric haematologist, my responsibilities include both in-patient and out-patient management of children with a wide range of haematological disorders both benign and malignant. Inpatient care is mainly devoted to those with acute leukaemia or immune dysfunction. The department is recognised as a Children's Cancer and Leukaemia Group Centre. I provide a clinical neonatal haematology advisory service at the Royal Infirmary and am Haemophilia Director at the Edinburgh Haemophilia Comprehensive Care Centre with responsibility for the paediatric service. I am lead clinician for the integrated haematology/biochemistry laboratory at RHSC (April 2000) and was head of the haematology laboratory before that (Jan 1993-March 2000). The haematology laboratory has Clinical Pathology Accreditation for a combined paediatric haematology and biochemistry service and is recognised for training by the Health Professions' Council.

Good command of principles and practice of good laboratory practice and also good medical practice in relation to both clinical trials and routine clinical practice. Many years of mentoring and guiding doctors in training through from house officer to consultant.

I am actively involved in the regulation and licensing of medicines both at a national and European level. I lecture regularly in the area of biological and biosimilar medicines which is one of the most rapidly growing areas in therapeutics

**Managerial/organisational expertise:**

President British Society for Haematology from April 2012-April 2013 (vice-president from April 2011) As well as the leadership role, organisation included arranging the programme for the annual scientific meeting of the BSH.

Foundation Programme Director S1 Programme, SE Scotland 2005- 2012: 30 junior doctors on programme and responsible for overseeing the training, supporting and counselling them and approving final assessments of competency.

Social convener (jointly) Royal College of Physicians, Edinburgh Dec 06- present. This involves ensuring that appropriate menus, wine and entertainment are booked and delivered for a range of events, around 40 per year, including several dinners for 100 guests or more.

Director of Heritage and Honorary Librarian, Royal College of Physicians of Edinburgh

**Publications**

Guidance MHRA website: Points to Consider for Trials Inclusion of Patients previously treated with Advanced Therapy Medicinal Products

[https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment\\_data/file/735741/Points\\_to\\_consider\\_for\\_trials\\_allowing\\_inclusion\\_of\\_patients\\_previously\\_treated\\_with\\_an\\_Advanced\\_Therapy\\_Medicinal\\_Product\\_Web.pdf](https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/735741/Points_to_consider_for_trials_allowing_inclusion_of_patients_previously_treated_with_an_Advanced_Therapy_Medicinal_Product_Web.pdf)

Editor:

Controversies in Pediatric and Adolescent Hematology

Co-editor Dr C Halsey, publishers Karger, December 2013

Chapters:

'How can we improve on the already impressive results in pediatric ALL?' in Hematology 2015; American Society of Hematology Education Program editors Anderson, Bauer, Tallman, Crowther, publishers American Society of Hematology 2015

'The neonate with haemophilia' in Textbook of Haemophilia, editors Lee, Berntorp, Hoots, publishers Blackwells; 1st edition 2005, 2nd edition 2010 and 3rd edition 2014

'Disorders of erythrocyte production: nutritional deficiencies, iron deficient and sideroblastic anemia' (co-author Dr B Bain) in Diagnostic Pediatric Hematology editor Proytcheva, publishers Cambridge University Press 2011

'Disorders of the Blood and Bone Marrow' (co-author Dr P Bolton-Maggs) in Forfar and Arneil's Textbook of Paediatrics – 6th edition (2003), editors McIntosh, Helms and Smyth, publishers Harcourt Health Sciences; 7th edition 2008

'Fertility and Sexual Health' in Think Transition, RCPE 2008

'Haematological Disease presenting as Non-Accidental Injury' in Paediatric Forensic Medicine and Pathology, editors Busuttill and Keeling, publishers Edward Arnold 2008

'Developmental Hematology' in Fetal and Neonatal Pathology – 4th edition, editors Keeling and Khong, publishers Springer 2007

'Haematological Effects of Systemic Disease and Non-Hematopoietic Tumors' in Pediatric Hematology – 3rd edition, editors Hann, Owen and Arcerci, publishers Churchill Livingstone 2006

'Acquired Disorders of Hemostasis during Childhood' (co-authors Dr E Chalmers and Dr M Williams) in Pediatric Hematology – 3rd edition, editors Hann, Owen and Arcerci, publishers Churchill Livingstone 2006

Journals (from 2008)

Biosimilars and Haemophilia. Thomas A (2018) Haemophilia 24:17–19

A step-by-step approach to paediatric neutropenia. Thomas AE, Simpson LA (2017) Paediatrics and Child Health 27: 511-516

The impact of nursing practice on the outcome of central venous access devices in children with haemophilia. Khair K, Ranta S, Thomas A, Lindvall K (2017) Haemophilia 23: e276-e281

Hyperferritinaemia in paediatric ALL: what does it mean? Brierley CK, Revuelta Iniesta R, Storrar N, Thomas A (2016) Journal of Pediatric Hematology Oncology doi:10.1097/MPH.0000000000000712

Patterns of bruising in preschool children with inherited bleeding disorders; a longitudinal study. Collins P, Hamilton M, Dunstan F, Maguire S, Nutall DE, Leisner R, Thomas AE, Hanley J, Chalmers E, Blanchette V, Kemp A. (2016) Arch Dis Child doi:10.1136/archdischild-2015-310196

The use of enhanced half-life coagulation factor concentrates in routine clinical practice: guidance from UKHCDO. Collins P, Chalmers E, Chowdray P, Keeling D, Mathias M, O'Donnell J, Pasi KJ, Rangarajan S, Thomas A. (2016) Haemophilia 42: 487-498

Practice Pointer: Assessment of a purpuric rash in children and adults. Thomas AE, Baird SF, Anderson J. (2016) British Medical Journal 352:i1285

The bruised child; making your evidence stand up in court. Thomas AE. (2015) Paediatrics and Child Health 25: 387-391

Bleeding before prophylaxis in severe haemophilia; paradigm shift over decades. Nijdam A, Altisent C, Carcao MD, Cid AR, Claeysens-Donadel S, Kurnik K, Ljung R, Nolan B, Petrini P, Platokouki H, Rafowicz, Thomas AE, Fischer K. Haematologica doi: 10.3324/haematol.2014.115709

Interleukin-15 enhances cellular proliferation and up-regulates CNS homing molecules in pre-B acute lymphoblastic leukaemia Williams MTS, Yousafzai Y, Cox C, Blair A, Carmody R, Sai S, Chapman K,

McAndrew R, Thomas A, Spence A, Gibson B, Graham G, Halsey C. (2014) *Blood* 123: 3116-3127  
GATA1-mutant clones are frequent and often unsuspected in babies with Down Syndrome: identification of a population at risk of leukemia Roberts I, Alford K, Hall G, Juban G, Richmond H, Norton A, Vallance G, Perkins K, Marchi E, McGowan S, Roy A, Cowan G, Anthony M, Gupta M, Ho J, Uthaya S, Curley A, Rasiyah V, Watts T, Nicholl R, Bedford-Russell A, Blumberg R, Thomas A, Gibson B, Halsey C, Lee P, Godambe S, Sweeney C, Bhatnagar N, Goriely A, Campbell P, Vyas P. (2013) *Blood* 122:3908-3917

FVIII Product Brands and Inhibitors in Children with Severe Hemophilia A. Gouw SC, van Bom JG, Ljung R, Escuriola C, Cid AR, Claeysens-Donadel S, van Geet C, Kenet G, Mäkipemaa A, Molinari AG, Muntean W, Kobelt R, Rivard G, Santagostino E, Thomas A, van den Berg M for the PedNet and Rodin Study Group (2013). *N Engl J Med* 368: 231-239

The European Medicines Agency review of eltrombopag (Revolade) for the for the treatment of adult chronic immune (idiopathic) thrombocytopenic purpura (ITP): Summary of the scientific assessment of the Committee for Medicinal Products for Human Use (CHMP) Nieto-Gutierrez M, Calvo G, Hudson I, Abadie E, Thomas A, Pignatti F. (2011) *Haematologica* 96: 33-40

Investigating easy bruising in a child. Anderson JAM, Thomas AE. (2010) *British Medical Journal* 341: 827-829 (and as a podcast)

Vitamin K deficiency bleeding in a standard bred colt. McGorum BC, Henderson IS, Stirling D, Wallace R, Haggart C, Thomas AE. (2009) *J Vet Intern Med.* 23(6):1307-10

50th Annual Scientific Meeting of the British Society for Haematology Thomas AE (2010) *Expert Reviews in Hematology* 3(4) 393-395

Platelet Structural Pathology in a Patient with the X-linked GATA-1, R216Q Mutation. White JG, Thomas A. (2009) *Platelets* 20(1) 41-49

European principles of haemophilia care. Colvin BT, Astermark J, Fischer K, Gringeri A, Lassila R, Schramm W, Thomas A, Ingerslev J. (2008) *Haemophilia* 14(2) 361-378

## Projects

### Memberships

Committees involved in regulation  
Commission on Human Medicines November 2005 – present  
Vice chair from January 2015  
Chair CHM Vaccines and Biologicals Expert Advisory Group Nov 2005 – present  
From May 2013 includes responsibility for Clinical Trials in addition to Vaccines and Biological medicines  
CHM Oncology and Haematology Expert Advisory Group  
Vice-chair 2010–2013, July 2014-present; acting chair 2013–July 2014  
National Emergency Stockpile Quality Panel (DoH and Ministry of Defence) April 2010-present  
Advises the Emergency Preparedness Group of the Department of Health regarding UK Medicines Strategic Stockpile Expiry  
NIBSC Scientific advisory Committee November 2015-present  
Chair Transmissible Spongiform Encephalopathies ad hoc group, July 2010  
To review the Commission on Human Medicines' position regarding blood products and vCJD and advise on safety of plasma supply and of manufacturing processes and facilities.  
Chair Regulatory Oversight Committee April 2009-2013  
Oversees conflicts or potential conflicts of interest between the Health Protection Agency and National Institute for Biological Controls and Standards  
Committee on Safety of Medicine Jan 2002 – October 2005  
Biologicals subcommittee, vice-chair September 2003 – October 2005  
HRT working party to October 2005  
GTAC/CSM working party, chair 2003-2004  
Medicines Consolidation Legislation working group 2011  
European Medicines Agency  
Advisor to Haematology Oncology Special Advisory Group from 2003

Chair of ad hoc Haematology Special Advisory Groups from December 2009-present.

Medical committees:

University of Edinburgh

Phase 1 Study Review Committee, from 2012-present

Member of Clinical Trials Awards and Advisory Committee of Cancer Research UK July 2009 – July 2015

President British Society for Haematology from April 2012-April 2013

(vice-president from April 2011)

European Paediatric Network for Haemophilia Management 2001 – present

Executive member of the Children's Cancer and Leukaemia Group Sept 2009-2012

MRC working party on childhood leukaemia 1993 – 2011

(renamed Childhood Leukaemia Working Party from 2003)

Paediatric Subcommittee of British Society for Haematology

(Scientific Secretary from April 2002; chairman from April 2004-2010)

In addition to curriculum development outlined above, significant work on manpower and workforce planning was undertaken at a National level

Specialist Advisory Committee for Haematology (JCHMT) 2004-2010

Specialist Advisory Committee for haematology/oncology RCPCH 2004-2010

United Kingdom Haemophilia Directors' Organisation

Treasurer March 2004 – November 2009; member 2009-present

Paediatric Subcommittee 2000 – 2004; 2009-2012

#### Other Relevant Information

Appointed Honorary Professor in the College of Medicine & Veterinary Medicine.

Edinburgh August 2015