

## **CURRICULUM VITAE**

**Name:** Michael Mark Rothburn

**Date of Birth:** 15 March 1955

**Address:** 20 Church Walk, Altrincham, Cheshire WA14 4ZE

**Telephone:** 07944 130439

### **Qualifications:**

| <b>University/body</b>        | <b>Subject</b>                       | <b>Qualification Gained</b>      |
|-------------------------------|--------------------------------------|----------------------------------|
| Leeds                         | Biochemistry in relation to medicine | Honours 2:1 (June 1976)          |
| Leeds                         | Medicine                             | MB.ChB (June 1979)               |
| Manchester                    | Diploma in Bacteriology              | Dp.Bact. (July 1984)             |
| Royal College of Pathologists | Medical Microbiology                 | MRCPath (1986)<br>FRCPath (1996) |

### **Membership of Professional Bodies:**

General Medical Council  
(GMC reference number:  
2501981)  
Royal College of Pathologists  
Hospital Infection Society

### **Employment History:**

| <b>Employers Name</b>           | <b>Post title</b>  | <b>Date Appointed</b>          |
|---------------------------------|--|--------------------------------|
| Liverpool Clinical Laboratories | Consultant Medical Microbiologist<br>& Control of Infection Doctor | July 2013-March 2015 (retired) |
| Aintree Hospitals NHS Trust     | Consultant Medical Microbiologist<br>& Control of Infection Doctor | May 1987-July 2013             |

## **Previous Employment History:**

| <b>Employer name and Address</b>     | <b>Post held</b>                               | <b>Dates post held (month/year)</b> |           |
|--------------------------------------|--|-------------------------------------|-----------|
|                                      |  | <b>From</b>                         | <b>To</b> |
| Liverpool Public Health Laboratory   | Senior Registrar                               | Oct 1984                            | May 1987  |
| Manchester Public Health Laboratory  | Registrar                                      | Dec 1981                            | Oct 1984  |
| Manchester Regional Health Authority | Registrar<br>Histopathology                    | Aug 1981                            | Nov 1981  |
| Hope Hospital, Salford               | SHO Pathology                                  | Aug 1980                            | Aug 1981  |
| York District General Hospital       | House Officer<br>(General Surgery/<br>Urology) | Feb 1980                            | Aug 1980  |
| The General Infirmary at Leeds       | House Officer<br>(General medicine)            | Aug 1979                            | Feb 1980  |

## **Description of Duties and Activities**

I retired (March 2015) as a Consultant Medical Microbiologist responsible for giving a clinical microbiology service for patients of University Hospital Aintree which has most specialties served by 926 acute beds, the Walton Centre Foundation Trust (for Neurology & Neurosurgery (160 beds) and local General Practitioners. I also supported the needs of Health Protection England particularly in community based outbreak investigations e.g. food poisoning.

The laboratory is a former regional Public Health Laboratory which has been managed by Aintree Hospitals NHS Trust since April 2003 and now part of Liverpool Clinical Laboratories which is a joint venture between Aintree Hospitals and the Royal Liverpool Hospital. This large joint laboratory has a workload of more than 120000 bacteriology and 170000 Virology specimens with the bacteriology specimens derived from Primary Care and local hospital trusts The Virology derives from Merseyside and parts of Cheshire. I have been mostly involved in giving advice on bacteriological infections and hospital infection control but also support the needs of the Virology part of our service as appropriate. The laboratory provides a comprehensive rapid tuberculosis isolation service for many laboratories in the North West and again I give appropriate medical advice as required. I served as head of the Clinical Microbiology & Health Protection Agency Collaborating Laboratory since July 2003 until July 2012,

Up until my retirement I was Deputy Director of Infection Prevention and Control for The Walton Centre and also act as an infection control doctor at University Hospital Aintree. I was involved in producing an Annual Report for the infection Control Team which is presented to the Trust Board. Infection Control Team meetings are held with the infection control nurses and the annual work programme is followed. I would undertake selected patient ward reviews in patients with serious infections or for the investigation of infection control problems. I performed a weekly collaborative antibiotic ward round in conjunction with a neurosurgeon and pharmacist reviewing all neurosurgical inpatients on antibiotic treatment.

I was clinical supervisor of 2 specialist registrar training posts in Medical Microbiology in the department.

I was a tutor for the MRCPATH postgraduate course for trainees in medical microbiology, Liverpool deanery.

Began in 1994 and initially aimed only at Sefton Health Authority practices I have worked on “Antimicrobial Guide and Management of Common Infections in General Practice for Primary Care” available to practices throughout Merseyside.

From 1999 until 2012 I was elected Convener & Chair of the Mersey Deanery/Lancashire and Cumbria Medical Microbiologists audit group which has about 44 members.

In August 2012, I reduced my NHS commitment to 5 programmed activities i.e. half time, and retired from NHS practice in March 2015. I continue to work in medico legal cases and providing reports to The Coroner. I have appeared in Court to give evidence as an expert witness on several occasions. I confirm that I am a fully registered practitioner of good standing and that I continue with my registration with the GMC.

### **Medical Committees: Hospital Trust, Local and Regional**

1. Mersey Deanery Pathology Training Sub-Committee, Member
2. Walton Centre Control of Infection Committee, Co-Chair
3. Aintree Hospitals District Ethical Committee, Member (1989-1996)
4. Clinical Microbiology Department Management Team, Chair (2003-2012)
5. North West Regional Medical Microbiologists Committee, Secretary, Chair
6. Continuing Professional Development Committee of Royal College of Pathologists Mersey Deanery, Member (1995-2001)
7. Aintree Hospitals Control of Infection Committee, Member (1987-2002), Chair (1994- 2001)
8. Mersey Deanery Medical Microbiologists Audit Group, Chair/Convener (1999-2012)

### **Membership of Outside Bodies / Societies:**

1. Independent member of Cheshire Police Authority (October 1994 - August 1998) Liverpool Jewish Medical Society, *Secretary* (1988-2002), *President* (2003-4)
2. Royal College of Pathologists North West Regional Council, *Elected Member* (2002-4)
3. Association of Clinical Pathologists North West Branch, *President* (2004-6)

### **Medico Legal experience**

I have extensive medico legal experience developed since 1999 in preparing reports for both Defendant and Claimant, with an average of about 50 reports per year. I have given evidence for the Court on 6 occasions. I have attended a medico legal training course (Bond Salon 3 day residential course including one day on report writing and 2 days on courtroom/cross examination skills - 17 January 2001). I have been an invited speaker at seminars for the legal profession and recently presented at the AVMA “Medicolegal Issues in Accident and Emergency Care”, conference held on 5 February 2020 in Manchester.

### **Publications**

Vitamin status in treated patients with cystic fibrosis.

Congdon.P.J. Bruce.C., Rothburn.M.M., Littlewood.J.M., Kelleher.J. and Losowosky.M. Arch Dis. Child. (1981): 56:708-12

Haemophilus in genital tract specimens  
Roberts-C; Rothburn-MM; Wilkins-EG  
Med-J-Aust. 1985 Sept 2; 143(5) L 223

Indifferent streptococci in sticky eyes of neonates  
Rothburn-MM; Ratcliffe-JG; Wilkins-EG; Roberts-C  
J-Clin Path. 1986 Jan; 39(1): 116-7

False-positive ELISA for Chlamydia trachomatis recognised by atypical morphology on fluorescent staining  
Rothburn-MM; Mallinson-H; Mutton-KJ  
Lancet. 1986 Oct 25; 2(8513): 982-3

Pseudo-outbreak of Bacillus species: related to fiberoptic bronchoscopy  
Richardson-AJ; Rothburn MM; Roberts-C  
J-Hosp-Infect. 1986 Mar; 7(2): 208-10

Cutaneous mucormycosis; a rare cause of leg ulceration  
Rothburn-MM; Chambers-DK; Roberts-C; Downie-RJ  
J-Infect. 1986 Sep; 13(2): 175-8

Septicaemia with probable endocarditis caused by Kingella denitrificans.  
Brown-AM; Rothburn-MM; Roberts-C; Nye-FJ.  
J-Infect. 1987 Nov; 15(3) 225-8

Listeriosis in Midwifery. Carr-P; Rothburn-MM. Nursing Times. 1989 85(18): 73-74

Diagnosis of bacterial endocarditis caused by Streptococcus lactamica and assisted by immunoblotting of serum antibodies. Mannion.P.T; Rothburn.M.M. J.Infect. 1990 Nov; 21(3): 317-8

False-positive Chlamydia immunoassays Mallinson-H; Rothburn-MM; Mutton KJ  
Paediatr-Infect-Dis-J. 1990 Aug; 9(8): 600

Phlebotomy in inoculation risk patients; a questionnaire survey of knowledge and practices of hospital doctors in Liverpool Parry.CM; Harries AD; Beeching NJ; Rothburn MM. J.Hosp.Infect. 1991 Aug; 18(4): 313-8

The neonatal laryngoscope as a potential source of cross-infection. Neal-TJ; Hughes-CR; Rothburn-MM; Shaw-NJJ-Hosp-Infect. 1995 Aug; 30(4): 315-7

Tuberculous otitis media - a diagnostic dilemma. Bhalla RK, Jones TM, Rothburn MM, Swift AC.  
Auris Nasus Larynx. 2001 Aug; 28(3):241-3

Is methicillin-resistant Staphylococcus aureus (MRSA) a suitable target for medical negligence claims?  
Michael Rothburn, Clinical Risk; January 2005; Volume: 11 Number: 1 Page: 31-33 (Publisher: Royal Society of Medicine Press)

A Case of brucellosis and a review of the literature; DA Enoch, SH Aliyu & MM Rothburn; CPD Infection; Rila Publications; Volume 5, Issue 1, Pages 1 - 36 (2005)

Clostridium difficile infection: disease, prevention and medico-legal aspects. Michael Rothburn. Clinical Risk, March 2006; 12 (2); 67-69 Publisher: Royal Society of Medicine Press

Serological responses to Cryptosporidium in human populations living in areas reporting high and low incidences of symptomatic cryptosporidiosis. Elwin K, Chalmers RM, Hadfield SJ, Hughes S, Hesketh LM, Rothburn MM, Muller T, Hunter PR. Clin Microbiol Infect. 2007 Sep 10

Management of suspected herpes simplex virus encephalitis in adults in a UK teaching hospital  
David J. Bell, Ruth Suckling, Michael M. Rothburn, Tom Blanchard, David Stoeter, Benedict Michael, Richard P. D. Cooke, Rachel Kneen, Tom Solomon. Clinical Medicine, Journal of the Royal College of Physicians, Vol.9, No.3, June 2009, pp. 231-235.

Epidemiology of herpes simplex virus types 2 and 1 amongst men who have sex with men attending sexual health clinics in England and Wales: implications for HIV prevention and management. Euro Surveill. 2009 Nov 26; 14(47). pii: 19418. Hill C, McKinney E, Lowndes CM, Munro H, Murphy G, Parry JV, Gill ON; GUM Anon Network (N.B. MM Rothburn is one of 31 named collaborators)

Finding cases of Trichomonas vaginalis infection in England. M.Mahto, J. Evans-Jones, S.Zia, T.I.Robinson, M.M.Rothburn, H.Mallinson. Int J STD AIDS, 2011, 22 (8), 471-473

Reduction of Drain-Associated Cerebrospinal Fluid Infections in Neurosurgical Inpatients: a prospective study. Zakaria R, Tripathy S, Srikandarajah N, Rothburn MM, Lawson DD. J Hosp Infect. 2013 Jul; 84(3):215-21. doi: 10.1016/j.jhin.2013.03.008. Epub 2013 May 23

Clostridium difficile Associated Disease in a Neurointensive Care Unit. Tripathy S, Nair P, Rothburn M. Front Neurol. 2013 Jul 1;4:82. Doi: 10.3389/fneur.2013.00082. Print 2013

### **Poster presentations at National and International Scientific Meetings**

Pneumococcal Serotypes in pneumococcal bacteraemia and vaccination. (R.D.Anderson, MM Rothburn. Institute of Biomedical Scientists Congress, Birmingham (winner of 1<sup>st</sup> Prize in poster Competition) (Sept. 2001)

Management of an outbreak of viral gastroenteritis in a general hospital – problems of the modern health service? Richardson AJ, Rothburn MM. PHLS 26<sup>th</sup> Annual Scientific Conference, University of Warwick (Sept.2001)

Spinal Mycetoma - An unusual presentation of *Madurella mycetomis*. Anderson DA, Rothburn MM .PHLS 26<sup>th</sup> Annual Scientific Conference, University of Warwick (Sept.2001)

Lessons from an Outbreak of Staphylococcal food poisoning at a Church function  
D.Anderson, MM. Rothburn, E.Coffey, A.Moorby (North West Public Health Conference, Cumbria, March 2004)

North West Outbreak Review for 2003: “New Name but the Role Remains the Same”  
D. Anderson, MM. Rothburn, R. Sen, R.P.D. Cooke. North West Public Health Conference, Cumbria (March 2004)

Sero-epidemiology of Brucellosis in the UK, 2002 – 2004 RPD Cooke, C. Chisnall, M. Rothburn, NJ Beeching International Zoonosis Conference, Liverpool (15<sup>th</sup>-17<sup>th</sup> June 2005)

A rare cause fungal lung abscess or just a contaminant? T.K.Nawimana, R.Cooke & M.M. Rothburn. Federation of Infection Societies (FIS), Cardiff (November 2007)

Neurobrucellosis in the UK. Cooke RPD, Rothburn MM, Beeching NJ Brucellosis 2008 International Conference, London 2008

A Review of Central Line Related Sepsis in Neurointensive Care Patients Dr E Doorley Dr P Nair, Dr A Sule, Dr M Rothburn. International Intensive Care meeting, Spain (2008)

Review of central venous catheter-related infections in neurointensive care patients in a tertiary referral centre. C Tan, P Nair, A Sule and M Rothburn. 30<sup>th</sup> International Symposium on Intensive Care and Emergency Medicine Brussels, Belgium. 9-12 March 2010

Surveillance of Neurosurgical Site Infections between January 2005 and December 2009. A Hart-Pinto, P. Kane, D.D.A.Lawson & M.M. Rothburn. Federation of Infection Societies (FIS), Manchester (November 2011)

Cerebrospinal fluid (CSF) drain associated infections in neurosurgical patients – incidence, organisms and risk factors. Rasheed Zakaria, Swagata Tripathy, Mike Rothburn, David Lawson. Federation of Infection Societies (FIS), Manchester (November 2011)

### **Oral Presentations at Regional Meetings**

North West Infection Control Teams Regional Meeting on Medical Negligence in Infection Control Organised and Hosted by myself at University Hospital Aintree and presented “The Case of The Retained Prosthetic Device” (May, 1999)

“An Outbreak of Gastroenteritis caused by Norwalk Virus affecting Acute Admission Wards at University Hospital Aintree” Presented to North West Branch Association Clinical Pathologists (May, 2001)

“Some important Public Health measures pioneered in Liverpool over the past 150 years” Presented to Liverpool Jewish Medical Society (March, 2009)

### **Oral Presentations at National Meetings**

A continuing source of outbreak of Salmonella unnamed (0:23;H:i,W) associated with tripe and pigs belly caused by factory process contamination. M.M. Rothburn, E.B. Kaczmarek, R.A.E Barrell, et al. Presented at the 16<sup>th</sup> PHLS Annual Scientific Conference, Winchester (Sept, 1991).

Medical Negligence: Public Health and Control of Infection Aspects. Presented at the AVMA Medical Negligence Conference, Brighton (July, 1997)

Seminar on “The legal and human implications of MRSA” at Cleaner Hospitals Summit, London, 14-15 April 2005

**Examiner**

Final MB ChB examiner, University of Liverpool (until 2015)

External examiner for University of Manchester, PhD thesis; “Virological Investigation of Human Erythrovirus B19 and Neurological Disease” (September/October 2010)

