

CURRICULUM VITAE

DR BERNARD (BRIAN) M HERRON
MB BCH BaO DRCPATH FRCPATH(neuro)

Consultant Neuropathology & Histopathology
Belfast Health & Social Care Trust
The Royal Victoria Hospital, Belfast

Honorary Lecturer
The Queen's University of Belfast

Head of Regional Neuropathology Service for Northern Ireland
Lead for Cardiac Pathology Belfast Trust
Lead for Adult Autopsy Pathology Belfast Trust

Curriculum Vitae – Dr B Herron – June 2009

Section 1

Personal Details

Name		HERRON	Bernard (Brian)
Date of Birth		[REDACTED]	
Work	Address	Institute of Pathology The Royal Victoria Hospital Belfast Trust Grosvenor Road BELFAST BT12 6BA United Kingdom	
	Telephone Number	[REDACTED]	
	Email	[REDACTED]	
GMC Registration Number		[REDACTED]	
General Medical Council Certificate of full registration as a medical practitioner		Date Issued	01 August 1988
University Attended		Queen's University of Belfast	
Dates From - to		1982-1987	

Section 2 - Education

2.0 Secondary Education

"O" levels- 13

"A" levels- 4 Physics, Chemistry Mathematics All Grade A.
Irish A level (hobby)
All Mathematics "O" and "A" levels sat early and all grade A

2.1 Undergraduate Education – Queen's University of Belfast

Date	Exam	Subject	Result	Award
1983	2 nd MB	Anatomy	First in class of 150	Symington Medal
	2 nd MB	Biochemistry	First in class of 150	
	2 nd MB	Overall placing	First in class of 150	Hutchinson Stewart Scholarship
1985	3 rd MB	Microbiology	First in class of 150	Sir Thomas Houston Medal
	3 rd MB	Overall placing	Third in class of 150	Foundation scholarship
1987	Finals	MB, BCH, BAO-highest marks in Major Case		

2.2 Postgraduate Education

Date	Examination
1993 - Autumn	DRCPATH (Histopath)
1997 - Spring	MRCPath (Neuropath)/FRCPath

2.3 Postgraduate Awards

Date	Award	Sponsor	Research topic
1994	Fellowship	Royal Victoria Hospital	Neurovirology
1995	Fellowship	Department of Health & Social Services	Neurovirology
1995	Bursary	Journal - Brain	To promote international collaborative research
1995	Bursary	Journal - Neuropathology	To promote international collaborative research

2.4 Student Elective

Date	Hospital	Elective Supervisor	Detail of Elective
1985	National Hospital for Nervous Diseases Queens Square, London	Mr A Crockard FRCS	Neurology/Neurosurgery

Section 3 - Employment History

3.1 Summary of Employment

Date	Grade	Employment Base
01/09/98 - Date	Consultant Histopathology & Neuropathology	Royal Victoria Hospital
01/08/95-31/08/98	Senior Registrar, Neuropathology	Royal Victoria Hospital
01/08/94-31/07/95	Research Fellow, Department of Pathology	Royal Victoria Hospital
01/08/92-31/07/94	Senior Registrar ,Neuropathology	Royal Victoria Hospital
01/12/91-31/07/92	Registrar, Histopathology	Belfast City Hospital
01/08/90-31/12/91	Senior House Officer, Histopathology	Belfast City Hospital
01/08/89-31/07/90	Registrar, Histopathology	Monklands District General Hospital, Glasgow
01/08/88-31/07/89	Senior House Officer, Laboratory Medicine	Walton/Fazakerley Hospital, Liverpool
01/08/87-31/07/88	Junior House Officer	Royal Victoria Hospital

3.2 Nature of employment

	Dates	Position	Summary
Neuropathology	Ongoing	Head of Regional Neuropathology Service for Northern Ireland	I have extensive experience in all aspects of diagnostic neuropathology in adults and children. I am responsible for all pathological diagnosis of brain tumors in the country and along with my colleagues their subsequent management. I run a Regional Diagnostic Neuromuscular Service for children and adults with complex neuromuscular disorders such as muscular dystrophy.
Forensic Neuropathology	Ongoing	National and International Referral Service	I have a special interest in Forensic Neuropathology. I provide an expert referral service for State Pathology in Northern Ireland where I have been involved in the investigation of the majority of homicidal head injuries in the past decade. I also provide opinions for cases in Ireland, Scotland and England including those tried at The Old Bailey.
Cardiac Pathology	Ongoing	Lead clinician for cardiac pathology, Belfast Trust (and therefore Northern Ireland)	I provide a Regional diagnostic service for cardiac disease, particularly cardiac biopsies for heart failure and cardiac tumors. I have an interest in the post-operative complications of cardiac surgery
Autopsy pathology	Ongoing	Lead clinician for autopsy pathology.	In the past this service was spread throughout the Trust hospitals with many consultant and junior doctors involved. I have integrated this service under my lead. I currently report all cases within the Trust.
Research	Ongoing	Brain tumor research programmes	I work along with Tom Flannery (Senior Lecturer in Neurosurgery) in developing models for brain tumor research. We have major local and international funding for this research. A recent paper won best prize at a National Meeting.

			See Papers published later in CV
College	Ongoing	Regional Lead Examiner for Royal College of Pathologists (Northern Ireland)	
		External Examiner	National Examinations throughout the United Kingdom and Ireland
Teaching	Ongoing	Honorary Lecturer Queens University, Belfast	Weekly teaching to undergraduate medical students
			Teaching postgraduate doctors in psychology, oncology, psychiatry and other courses in specialties related to medicine.
	1992	Honorary Lecturer University of Lusaka Zambia	Delivery of undergraduate and postgraduate courses to medical students
		External Examiner for University examinations	
Audit and CPD	Ongoing	I have active membership of a number of these schemes.	

3.3 Membership of Societies

Ulster Medico-Legal Society
Ulster Medical Society
British Neuropathology Society
Irish Neurological Association
Irish Neuromuscular Association

Section 4 - Papers accepted for Publication

26. Bilateral non-contiguous atypical papillary glioneuronal tumor: case report.
Flannery T, Purce A, Hamey J, McKinstry S, Ironside JW, Herron B.
Clin Neuropathol. 2012 Mar-Apr;31(2):77-80
25. Neurosurgery in an octogenarian with dementia.
Andrew G, Healy E, Herron B, Cooke S, Passmore AP, Todd S.
Ulster Med J. 2011 Jan;80(1):28-30. No abstract available.
24. Immunovirological correlates in human rabies treated with therapeutic coma.
Hunter M, Johnson N, Hedderwick S, McCaughey C, Lowry K, McConville J, Herron B,
McQuaid S, Marston D, Goddard T, Harkess G, Goharriz H, Voller K, Solomon T, Willoughby
RE, Fooks AR.
J Med Virol. 2010 Jul;82(7):1255-65.
23. Rare case of primary spinal ependymomatosis occurring in a 26-year-old man: a case
report.
Kaliaperumal C, Suttner N, Herron B, Choudhari KA.
J Med Case Rep. 2009 Oct 12;3:72
22. Paraganglioma of the cauda equina with subarachnoid haemorrhage.
Li P, James SL, Evans N, Davies AM, Herron B, Sumathi VP.
Clin Radiol. 2007 Mar;62(3):277-80. No abstract available
21. Absence of aquaporin-4 expression in lesions of neuromyelitis optica but increased
expression in multiple sclerosis lesions and normal-appearing white matter.
Sinclair C, Kirk J, Herron B, Fitzgerald U, McQuaid S
Acta Neuropathology 113 (2) 187-194 (2007)
20. Unusual late development of dopamine agonist resistance in two women with
hyperprolactinaemia associated with transition from micro to macroadenoma.
McCall D, Hunter SJ, Cooke RS, Herron B, Sheridan B, Atkinson AB
Clinical Endocrinology 66 (1) 149-150 (2007)
19. Benign signet ring cells in the subserosa of small intestine: a pseudoneoplastic
phenomenon.
Houghton O, Herron B.
Ulster Medical Journal 75 (1) 93-94 (2006)
18. Metastasizing myxopapillary ependymoma
Al-Hussain M, Herron B
Histopathology 46 (4) 469-470 (2005)
17. Acute polymyositis following renal transplantation
Courtney AE, Doherty C, Herron B, McCarron MO, Connolly JK, Jefferson JA
Am Journal Transplant 4 (7) 1204-12407 (2004)
16. Anomalous asymmetry of fusiform and parahippocampal gyrus gray matter in
schizophrenia: A postmortem study.
McDonald B, Highley JR, Walker MA, Herron BM, Cooper SJ, Esiri MM, Crow TJ.
Am Journal of Psychiatry 157 (1) 40-47 (2000)

15. The size and fibre composition of the corpus callosum with respect to gender and schizophrenia: A *post mortem* study.
Highley JR, Esiri MM, McDonald B, Cortina-Borja M, Herron BM, Crow TJ.
Brain 122 (Pt 1) 99-110 (1999).
14. Porcine Rubulavirus LPMV RNA persists in the central nervous system of pigs after recovery from acute infection.
Wilman AC, Hjertner B, Linne T, Herron B, Allan G, McNeilly F, Adair B, Moreno-Lopez J, Berg M.
Journal of Neurovirology. 4 (5) 545-552 (1998)
13. New form of autosomal-recessive axonal hereditary sensory motor neuropathy
Eckhardt SM, Hicks EM, Herron B, Morrison PJ, Aicardi J
Paediatric Neurology 19 (3) 234-235 (1998)
12. Anomalies of cerebral asymmetry in schizophrenia interact with gender and age of onset; a post mortem study.
Highley JR, Esiri MM, McDonald B, Cortina-Borja M, Cooper SJ, Herron BM, Crow TJ.
Schizophrenia Research 9;34 (1-2) 13-25 (1998)
11. Apoptosis in measles virus-infected human central system tissues
McQuaid, S McConnell, R, McMahon J, Herron BM
Neuropathology and Applied Neurobiology 23 (3): 218-24, 1997.
10. Fine needle aspiration cytology, histology and immunohistochemistry of anaplastic large cell Ki-1-positive lymphoma. A report of three cases.
McCluggage WG, Anderson N, Herron B, Caughey L.
Acta Cytology 40 (4): 779-785 (1996)
9. A sequential study of experimental porcine paramyxovirus - (LPMV) infection of pigs; immunostaining of cryostat sections and virus isolation.
Allan GM, McNeilly F, Walker I, Linne T, Moreno-Lopez J, Hernandez P, Kennedy S, Carroll BP, Herron B, Foster JC, Adair B.
Journal of Veterinary Diagnostic Investigation 8 (4) 405-413 (1996)
8. Acinic cell carcinoma in Northern Ireland, a ten year review
Napier S, Herron BM, Herron BT
British Journal of Oral and Maxillofacial Surgery 3, 145-148 (1995)
7. Microwave antigen retrieval on archival formalin-fixed paraffin embedded brain tissue.
McQuaid S, McConnell R, McMahon J, Herron B.
Journal of Pathology 176 (2), 207-216 (1995)
6. Cytological, histological and immunohistochemical features of a case of Ki-1 positive anaplastic large cell lymphoma.
Herron BM, Loe TF, Elliott H, Biggart JD, Carragher AM, Spence RAJ
Cytopathology 5, 1994
5. An 18 week fetus with Elejalde syndrome (acrocephalopolydactylous dysplasia)
Nevin NC, Herron BM, Armstrong MJ
Clinical Dysmorphology 3, 180-184 (1994)

4. Fatal hemorrhage associated with neurofibromatosis.
Mullan FJ, Herron BM, Curry RC
European Journal Vascular Surgery 8 (3) 366-368 (1994)

3. Bladder hamartoma
McCallion WA, Herron BM, Keane PJ
British Journal of Urology 72:382, 1993

2. Endometrial stroma sarcoma invading the bladder
Keane PF, Herron BM, McKenna MU, Loughridge WGG
British Journal of Urology 72:381, 1993

1. Benign urethral polyps
Walsh IK, Keane PF, Herron B
British Journal of Urology 72 (6) 937-938 (1993)

Presentations at Meetings
(These are too numerous to list)

I present 20-30 cases to the neuroscience grand round annually.
I present regularly at the RVH physicians meetings.
I have presented cases at the RBHSC mortality meetings.

Abstracts 2011-2012

New Abstracts – 2011 Irish Neurological Meeting, Sligo

Validation of an orthotopic model for studying glioma tumorigenesis- a pilot study
Kettyle L, Young C, McQuade S, Herron B, Flannery T (Winner of prize for best paper)

Inherited prion disease due to 5- octapeptide repeat insertion
McKnight KM, Herron B, Mead S, McMonagle P, McConville J

Bilateral non-contiguous papillary glioneuronal tumor colon case report
Flanner T, Purce A, Harney J, McKinstry S, Ironside J, Herron B

Rhabdomyolysis secondary to co-prescription of statin and fusidic acid
Allen B, Kearney S, Carr A, Craig J, Forbes R, Jack C, Trinnick T, McConville J, Herron B,
McDonald GV, McCarron MO

Two cases of adult Nemaline Myopathy
Herron B, Esmonde T, McConville J

A Devastating Cause of Headache: 2 Cases
Emma Devenney¹, Brian Herron², Gavin Briggs¹, Raeburn Forbes¹
¹Department of Neurology, Craigavon Area Hospital, Co. Armagh, Northern Ireland.
²Department of Neuropathology, Royal Victoria Hospital, Belfast, Northern Ireland

CMR guided endomyocardial biopsy.
Tweedy J1, Elder L, Herron B1, McClelland A2, Roberts MJ1, Dixon LJ1.

Selected older presentations

Amniotic band syndrome mimicking anencephaly
Herron BM, Stewart F, Nevin NC, McMillan R
Ulster Obstetrical and Gynaecological Society. February 1992

The neuropathological consequences of systemic LPM virus infection in the pig - results of a pilot study.
Herron B, Allan G, Hernandez P, Linne T, Allen, IV
British Neuropathological Society, January 1994

Immunocytochemical in situ hybridization and electron microscopic studies on the mechanism of spread of paramyxoviruses in the central Nervous system.
McQuaid S, Cosby L, Herron B.
Microscopical Society of Ireland 1995

Apoptosis in measles virus infection of the CNS.
McQuaid S, McMahon J, Herron B.
British Society for General Microbiology 1996.

Cell death: Apoptosis and necrosis in the nervous system
Ulster Neuropsychiatric Society 1997.

The distribution of measles virus receptor CD46 and the putative receptor 10/6 in control and measles infected human tissues.
Herron B, McQuaid S, Cosby L.
Irish Neurological Association 1998.

Human Prion Disease
Institute of Medical Laboratory Scientists 1998.

Immunopathology of Multiple Sclerosis
McQuaid S, Kirk J, Mirakhor M, Herron B.
Irish Branch of Medical Laboratory Scientists 1998.

Retrospective Surveillance of Spongiform Encephalopathies from the files of Neuropathology in Belfast.
McQuaid S, Kennedy K, Mirakhor M, Herron B.
Irish Diagnostic Virological Group 1998.

International Symposium on Paramyxovirus, November 1994.
Puebla, Mexico, December 1994.

The Neuropathological Consequences of LPMV infection.
Herron B, Kennedy S, Allan G, Linne T, Hernandez P, Allen IV.

The Pathogenesis of Experimental Intranasal Infection of Young Pigs with LPMV. Virus Isolation and Immunofluorescence.
Allan G, McNeill F, Kennedy S, Herron B, Linne T, Hernandez P, Linne T, Adair B.

Experimental LPMV Infection in Pigs: Histological and Immunohistochemical Findings.
Kennedy S, Herron B, Carroll B, McConnell S, Allan G, Hernandez P, Adair B, Linne T.

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