

# *Curriculum Vitae*

**Dr Dinah Parums**  
(Oxford, United Kingdom)

**Email:** [dvparums@gmail.com](mailto:dvparums@gmail.com)

**LinkedIn:** <https://www.linkedin.com/in/dinahparums>

**Publications:** <http://www.dr-dinah-parums.com>

## **EDUCATION**

1988 to 1993	:	Higher Specialist Training, Nuffield Department of Pathology, Oxford University Medical School, John Radcliffe Hospital
1984 to 1987	:	Cambridge University, King's College and Darwin College
1980 to 1983	:	Oxford University Clinical Medical School, Wolfson College
1977 to 1980	:	King's College, Cambridge University (Medical Sciences)
1977	:	Entrance Scholarship, King's College, Cambridge University
1969 to 1976	:	St Helena Girls' Grammar School, Chesterfield, Derbyshire

## **DEGREES AND DIPLOMAS**

November 1999	:	Fellowship, the Royal College of Pathologists ( <b>FRCPath</b> )
July, 1998	:	Fellowship, the American College of Chest Physicians ( <b>FCCP</b> )
December 1991	:	Membership, the Royal College of Pathologists ( <b>MRCPath</b> )
1987	:	<b>PhD</b> (Experimental Pathology) Cambridge University
1984	:	<b>MA</b> Cambridge University
1983	:	<b>BM, BCh</b> Oxford University Clinical Medical School
1980	:	<b>BA</b> (Hons), Medical Sciences, Cambridge University

## **MEMBERSHIP OF PROFESSIONAL SOCIETIES**

- American Medical Writers Association (AMWA)
- European Medical Writers Association (EMWA)
- International Society of Medical Publishing Professionals (ISMPP)
- National Union of Journalists (NUJ)

## **PUBLICATIONS**

### **BOOKS:**

**Parums, D.V.** (Editor). *Essential Clinical Pathology*. Blackwell Science Ltd. Oxford. 1996. ISBN 0-632-03088-7. This 700-page postgraduate teaching book contains 500 full-colour figures. It represents a complete clinical pathology (laboratory medicine) 'core' course textbook for medical students, based on the Editor's teaching experience running the Oxford University Medical School's clinical pathology teaching over three years. One-third of this book is written by the Editor, with contributions in Haematology, Biochemistry, Immunology and Microbiology from 14 other authors.

## CONTRIBUTIONS TO BOOKS & PERIODICALS:

- 1) **Parums, D.V.** Pathological Characterisation of Ischaemic Injury. In: *Ischaemia Reperfusion Injury* Eds. Grace, P. & Mathie, R. Blackwell Science, 1998.
- 2) **Parums, D.V.** Inflammation and atherosclerosis. In: *Pathology of Blood Vessels*. Eds. Stehbens, W.E. & Lie, J.T. Chapman and Hall. 1995, pp. 329-353.
- 3) **Parums, D.V.** Histochemistry and immunochemistry of vascular diseases. In: *Pathology of Blood Vessels*. Eds. Stehbens, W.E. & Lie, J.T. Chapman and Hall. 1995, pp. 313-329.
- 4) **Parums, D.V.** The Distribution of Adhesion Molecules in Normal and Atherosclerotic Arteries and Aortas. In: *Cardiovascular Disease: Cellular and Molecular Mechanisms, Prevention and Treatment*. Ed. L. Gallo. Plenum Publishing Corporation, 1994.
- 5) **Parums, D.V.** Chronic periaortitis. *Oxford Textbook of Surgery*. Eds. Morris, P.J. & Malt, R.A. Oxford University Press. 1994, pp. 329-331.
- 6) **Parums, D.V.** The pathobiology of vasculitis. *Oxford Textbook of Surgery*. Eds. Morris, P.J. & Malt, R.A. Oxford University Press. 1994, pp. 325-328.
- 7) **Parums, D.V.** The pathobiology of atherosclerosis. *Oxford Textbook of Surgery*. Eds. Morris, P.J. & Malt, R.A. Oxford University Press. 1994. pp. 319-324.
- 8) **Parums, D.V.** Macrophages in cardiovascular disease. Chapter 9 In: *The Natural Immune System - Volume II : The Macrophage*. Ed. C.E. Lewis & J.O'D. McGee. Oxford University Press. 1992, pp.361-390.
- 9) **Parums, D.V.** Aortic atherosclerosis: pathogenesis and local complications. *Oxford Textbook of Pathology*. Eds. J.O'D, McGee, P.G. Isaacson, N.A. Wright, Oxford University Press, 1992 Chapt. 12.3, pp. 812-22.
- 10) **Parums, D.V.**, Armstrong, R. Clinical pathology teaching in Oxford. *Oxford Medical School Gazette*. 1990;41:31-34.
- 11) Mitchinson, M.J., Ball, R.Y., Carpenter, K.L.H., **Parums, D.V.** Macrophages and ceroid in atherosclerosis. In: *Hyperlipidaemia and atherosclerosis*, Suckling, K.E., Groot, P.H.E. (Eds.), Academic Press, London, 1988 pp. 117-134.

## PEER-REVIEWED PUBLICATIONS:

- 1) **Parums DV.** Editorial. The Role of the Pathologist in the Era of Personalized Medicine. *SM J Clin Pathol*. 2016;1(1):1003.
- 2) **Parums DV.** Monograph: Current Status of Targeted Therapy in Non Small-Cell Lung Cancer (NSCLC). *Drugs Today* 2014;50(7):503-517. Available at: [https://www.academia.edu/10248939/Current\\_Status\\_of\\_Targeted\\_Therapy\\_in\\_Non\\_Small\\_Cell\\_Lung\\_Cancer\\_NSCLC\\_](https://www.academia.edu/10248939/Current_Status_of_Targeted_Therapy_in_Non_Small_Cell_Lung_Cancer_NSCLC_)
- 3) **Parums DV.** Invited Review: Status of Immune Therapy in Non Small-Cell Lung Cancer (NSCLC). *Drugs Future* 2014;39(7): 469-475. Available at: [https://www.academia.edu/14478210/Status\\_of\\_Immune\\_Therapy\\_in\\_Non-Small\\_Cell\\_Lung\\_Cancer\\_NSCLC\\_](https://www.academia.edu/14478210/Status_of_Immune_Therapy_in_Non-Small_Cell_Lung_Cancer_NSCLC_)
- 4) Donovan MJ, Kotsianti A, Bayer-Zubek V, Verbel D, Teverovskiy M, Cordon-Cardo C, Costa J, Greco FA, Hainsworth JD, **Parums DV.** A systems pathology model for predicting overall survival in patients with refractory, advanced non small-cell lung cancer treated with gefitinib. *Eur J Cancer* 2009;45(8):1518-26. Available at: [https://www.academia.edu/7643757/A\\_systems\\_pathology\\_model\\_for\\_predicting\\_overall\\_survival\\_in\\_patients\\_with\\_refractory\\_advanced\\_non-small-cell\\_lung\\_cancer\\_treated\\_with\\_gefitinib](https://www.academia.edu/7643757/A_systems_pathology_model_for_predicting_overall_survival_in_patients_with_refractory_advanced_non-small-cell_lung_cancer_treated_with_gefitinib)

- 5) Hirsch FR, Dziadziuszko R, Thatcher N, Mann H, Watkins C, **Parums DV**, Speake G, Holloway B, Bunn Jr PA, Franklin WA. Epidermal Growth Factor Immunohistochemistry: Comparison of Antibodies and Cut-off Points to Predict Benefit from Gefitinib in a Phase III Placebo-Controlled Study in Advanced Non-Small Cell Lung Cancer. *Cancer* 2008;112(5):1114-21. Available at: <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3355966/>
- 6) Hirsch FR, Varella-Garcia M, Bunn PA Jr, Franklin WA, Dziadziuszko R, Thatcher N, Chang A, Parikh P, Pereira JR, Ciuleanu T, von Pawel J, Watkins C, Flannery A, Ellison G, Donald E, Knight L, **Parums DV**, Botwood, Holloway B. Molecular predictors of outcome with gefitinib in a phase III placebo-controlled study in advanced non-small-cell lung cancer. *J Clin Oncol* 2006;24(31):5034-42. Available at: <http://jco.ascopubs.org/content/24/31/5034.long>
- 7) Lindop GBM, Burke MM, Ogston S, Bishop P, Corbishley C, Goddard M, Harrison R, Kjellstrom C, McPhaden A, Malone M, **Parums DV**, Suvarna K, Stewart S. Inter-observer variability in grading acute rejection in endomyocardial biopsies. *J Heart and Lung Transplantation* 2003; Supp v22 n1:S96. Available at: <http://www.worldcat.org/title/inter-observer-variability-in-grading-acute-rejection-in-endomyocardial-biopsies/oclc/4933925381>
- 8) Torsney E, Charlton R, **Parums DV**, Collis M, Arthur HM. Inducible expression of human endoglin during inflammation and wound healing in vivo. *Inflamm Res* 2002;51:464-70. Available at: <http://www.ncbi.nlm.nih.gov/pubmed/12365720>
- 9) Katz SD, **Parums DV**. Sympathetic activation by sildenafil. *Circulation* 2001;104:119-200. Available at: <http://circ.ahajournals.org/content/104/22/e119.long>
- 10) Ray-Chaudhuri N, Kine DA, Tijani SO, **Parums DV**, Cartlidge N, Strong NP, Dayan MR. Effect of prior steroid treatment on temporal artery biopsy findings in giant cell arteritis. *Br J Ophthalmol* 2002;86:530-2. Available at: <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1771122/>
- 11) Luckraz H, **Parums DV**, Dunning J. Reverse saphenous interposition vein graft repair of a giant atherosclerotic aneurysm of the left anterior descending coronary artery. *J Thorac Cardiovasc Surg* 2002;123:817-20. Available at: [http://www.jtcvsonline.org/article/S0022-5223\(02\)80294-X/fulltext](http://www.jtcvsonline.org/article/S0022-5223(02)80294-X/fulltext)
- 12) De Soyza AG, Dark JH, **Parums DV**, Curtis A, Corris PA. Donor-acquired small cell lung cancer following pulmonary transplantation. *Chest* 2001;120:1030-1. Available at: <http://journal.publications.chestnet.org/article.aspx?articleid=1079938>
- 13) Katz SD, **Parums DV**. Sympathetic activation by sildenafil. *Circulation* 2001;104:119-200. Available at: <http://circ.ahajournals.org/content/104/22/e119.full>
- 14) Arthur H, Torsney E, Ure J, Smith A, Wilson D, Charlton RG, **Parums DV**, Jowett T, Burn J, Diamond A. Endoglin, an ancillary TGF Beta Receptor, is Required for Extraembryonic Angiogenesis and Plays a Key Role in Heart Development. *Developmental Biology* 2000;217:42-53. Available at: <http://www.sciencedirect.com/science/article/pii/S001216069995349>
- 15) Pagano D, Townend JN, **Parums DV**, Bonser RS, Camici PG. Hibernating Myocardium: Morphological Correlates of Inotropic Stimulation and Glucose Uptake. *Heart* 2000;83:456-461. Available at: <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1729369/>
- 16) Kumar RP, Smith DA, Hilton CJ, Parums DV. A Case of Epithelioid Haemangioendothelioma (EHE) of the Lung with Bronchial Brushing Cytology. *Cytopathology* 1999;10:132-6. Available at: <http://onlinelibrary.wiley.com/doi/10.1046/j.1365-2303.1999.00111.x/abstract>
- 17) Crilley JG, Owens WA, **Parums DV**. A Dissection with a Difference: An Unusual Case of Ascending Aortic Dissection Secondary to Granulomatous Aortitis. *Hosp Med* 1998;59:892-3. Available at: <http://www.ncbi.nlm.nih.gov/pubmed/10197126>
- 18) **Parums DV**. Invited Commentary: Histiocytosis X. *Thorax* 1998;53:322-323. Available at: <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1745190/pdf/v053p00322.pdf>

- 19) Gorog DA, Rakhit R, **Parums DV**, Laffan M, Davies GJ. Raised Factor VIII is Associated with Coronary Thrombotic Events. *Heart* 1998;80:415-7. Available at: <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1728801/>
- 20) Marchbank AJ, **Parums DV**, Westaby S. Tricuspid Valve Repair in a Mountaineer. *Ann Thorac Surg* 1998;65:537-9. Available at: [http://www.annalsthoracicsurgery.org/article/S0003-4975\(97\)01355-6/fulltext](http://www.annalsthoracicsurgery.org/article/S0003-4975(97)01355-6/fulltext)
- 21) Leonard A, Corris P, **Parums, DV**. Amiodarone pulmonary toxicity. *BMJ* 1997;314:1831-1832. Available at: <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2126921/>
- 22) Walton LJ, Powell JT, Parums DV. Unrestricted Usage of Immunoglobulin Heavy Chain Genes in B Cells Infiltrating the Wall of Atherosclerotic Abdominal Aortic Aneurysms. *Atherosclerosis* 1997;135:65-71. Available at: <http://www.ncbi.nlm.nih.gov/pubmed/9395274>
- 23) Douek M, Kitson JL, Parums DV, Coombs RRH. The value of modern imaging in the diagnosis of foot swellings. *The Foot* 1996;6:152-157. Available at: [http://www.worldcat.org/title/the-value-of-modern-imaging-techniques-in-the-diagnosis-of-foot-swellings/oclc/4933650049&referer=brief\\_results](http://www.worldcat.org/title/the-value-of-modern-imaging-techniques-in-the-diagnosis-of-foot-swellings/oclc/4933650049&referer=brief_results)
- 24) BATTERY LDK, Springall DR, Chester AH, Evans TJ, Standfield N, **Parums DV**, Yacoub MH, Polak JM. Inducible Nitric Oxide Synthase is Present within Human Atherosclerotic Lesions and Promotes the Formation and Activity of Peroxynitrite. *Lab Invest* 1996;75:77-85. Available at: <http://www.ncbi.nlm.nih.gov/pubmed/8683942>
- 25) **Parums DV**, Ashton MD, Mason JC, Haskard DO. Thy-1 expression by new vessels associated with atherosclerosis. *J Pathol* 1996;179:A46-A46.
- 26) Kennedy P, Parry AJ, **Parums DV**, Pillai R. Myxoma of the aortic valve. *Ann Thorac Surg* 1995;59:1221-3. Available at: [http://www.annalsthoracicsurgery.org/article/0003-4975\(94\)00969-E/pdf](http://www.annalsthoracicsurgery.org/article/0003-4975(94)00969-E/pdf)
- 27) Ramshaw AL, Roskell DE, **Parums DV**. Cytokine gene expression in aortic adventitial inflammation associated with advanced atherosclerosis (chronic periaortitis). *J Clin Pathol* 1994;47:721-727. Available at: <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC502145/>
- 28) **Parums DV**. Invited review: The Arteritides. *Histopathology* 1994;25:1-20. Available at: [https://www.academia.edu/7643723/The\\_arteritides](https://www.academia.edu/7643723/The_arteritides)
- 29) Potter CG, Ramshaw AL, Stickland JE, **Parums DV**, McGee JO'D. Quantification of specific mRNA by flat-bed scintillation counting of dual-labelled dot blots. *Biotechniques* 1993;15:738-43. Available at: <http://www.ncbi.nlm.nih.gov/pubmed/8251177>
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- 31) Ramshaw AL, **Parums DV**. The distribution of adhesion molecules in chronic periaortitis. *Histopathology* 1994;24:23-32. Available at: <http://www.ncbi.nlm.nih.gov/pubmed/7511559>
- 32) Paul J, Baigrie C, **Parums DV**. A fatal case of disseminated infection with the turtle bacillus, *Mycobacterium chelonae*. *J Clin Pathol* 1992;45:528-530. Available at: <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC495230/>
- 33) Davies AH, **Parums DV**. Storage of donor long saphenous vein for coronary artery bypass surgery. *J Cardiovascular Surgery* 1992;33:92-97. Available at: <http://www.ncbi.nlm.nih.gov/pubmed/1545005>
- 34) Ramshaw AL, **Parums DV**. Combined immunohistochemical and immunofluorescence method to determine the phenotype of proliferating cell populations. *J Clin Pathol* 1992;45:1015-1017. Available at: <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC495036/>

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- 36) McKee G, **Parums DV**. False positive cytodiagnosis in fibrosing alveolitis. *Acta Cytologica* 1990;34:105-107. Available at: <http://www.ncbi.nlm.nih.gov/pubmed/2296835>
- 37) Cawthorn SJ, **Parums DV**, Gibbs NM, A'Hern RP, Caffarey SM, Broughton CIM, Marks CG. Extent of mesorectal spread and involvement of lateral resection margin as prognostic factors after surgery for rectal carcinoma. *Lancet* 1990;335:1055-1059. Available at: <http://www.ncbi.nlm.nih.gov/pubmed/1691810>
- 38) **Parums DV**, Dunn DC, Dixon AK, Mitchinson MJ. Characterization of inflammatory cells in a patient with chronic periaortitis. *Am J Cardiovascular Pathol* 1990;3:121-129. Available at: <http://www.ncbi.nlm.nih.gov/pubmed/2264985>
- 39) **Parums DV**. Inflammatory mediators and atherosclerosis. *Biochem Soc Trans* 1990;18:1069-1072. Available at: <http://www.biochemsoctrans.org/content/18/6/1069>
- 40) **Parums DV**, Brown DL, Mitchinson MJ. Serum antibodies to oxidized LDL and ceroid in chronic periaortitis. *Arch Pathol Lab Med* 1990;114:383-387. Available at: <http://www.ncbi.nlm.nih.gov/pubmed/2322097>
- 41) **Parums DV**. The spectrum of chronic periaortitis. *Histopathology* 1990;16:423-431. Available at: [https://www.academia.edu/7643755/The\\_spectrum\\_of\\_chronic\\_periaortitis](https://www.academia.edu/7643755/The_spectrum_of_chronic_periaortitis)
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- 44) **Parums DV**. Studies on Inflammation in Atherosclerosis. PhD thesis. University of Cambridge, 1987. Available at: <http://ulmss-newton.lib.cam.ac.uk/vwebv/holdingsInfo?bibId=12418>
- 45) **Parums DV**, Chadwick DR, Mitchinson MJ. The localisation of immunoglobulin in chronic periaortitis. *Atherosclerosis* 1986;61:117-123. Available at: <http://www.sciencedirect.com/science/article/pii/0021915086900705>  
[www.ncbi.nlm.nih.gov/pubmed/3530262](http://www.ncbi.nlm.nih.gov/pubmed/3530262)
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