

## **SECTION OF SURGERY- GLASGOW ROYAL INFIRMARY**

### **PUBLICATIONS 2008-1999**

#### **2008**

Tatarov O, Mitchel T, Brunton V, Sewright M, Leung HY and **Edwards J**. (resubmitted with corrections Clinical Cancer Research) Src kinase activation is up-regulated in hormone refractory prostate cancer.

Cambell EJ, McDuff E, Tatarov O, Tovey S, Brunton V, Cooke TG and **Edwards J** (resubmitted with corrections Clinical BJC). Nuclear expression of c-Src kinase is associated with improved patient outcome.

**McGlynn LM, Kirkegaard T, Edwards J, Tovey S, Cameron D, Twelves C, Cooke TG, Bartlett JMS.** (resubmitted with corrections Clinical Cancer Research) Ras/Raf-1/MAPK pathway mediates response to tamoxifen but not chemotherapy in breast cancer patients. *Clinical Cancer Research*

McCall P, Witton CJ, Nielsen KV and **Edwards J** (In Press). Is PTEN loss associated with clinical outcome measures in human prostate cancer? *British Journal of Cancer*.

Lamb GW, McArdle PA, Ramsey S, McNichol AM, **Edwards J**, Aitchison M, McMillan DC (2008). The relationship between the local and systemic inflammatory responses and survival in patients undergoing resection for localized renal cancer. *BJU Int*.

McCracken SRC, Ramsay A, Jenkins BL, Heer R, Mathers ME, Robson CN, **Edwards J**, Cohen P, Leung HY (2008) Clinical significance of abnormal extracellular signal regulated kinase 5 (ERK 5) expression in human prostate cancer. *Oncogene*, 27, 2978-2988.

Kirkegaard T, Sabine VS, Naresh A, Tovey SM, **Edwards J**, Dunne B, Cooke GC, Jones FE, Bartlett JMS (2008) Expression of tumour necrosis factor- $\alpha$  converting enzyme (TACE) in endocrine cancers. *American Journal of Clinical Pathology*, 129, 735-743

McCall P, Gemmell LK, Mukherjee R, Bartlett JMS, and **Edwards J**, (2008) Phosphorylation of the Androgen Receptor is associated with reduced survival in hormone refractory prostate cancer patients. *British Journal of Cancer*, 98, 1094-1101.

Traynor P, McGlynn LM, Mukherjee R, Grimsley SLS, Bartlett JMS and **Edwards J** (2008). An increase in N-Ras expression is associated with development of hormone refractory prostate cancer in a subset of patients. *Disease Markers* 24 (3), 157-165.

Leung EYL, Crozier JEM, Talwar D, O'Reilly D, McKee RF, **Horgan PG**, McMillan DC

Vitamin antioxidants, lipid peroxidation, tumour stage, the systemic inflammatory response and survival in patients with colorectal cancer. **International Journal of Cancer** (In Press).

Roxburgh CSD, Crozier JEM, Foulis AK, McKee RF, Anderson JH, **Horgan PG**, McMillan DC. Comparison of tumour-based (Petersen index) and inflammation-based (Glasgow Prognostic Score) scoring systems in patients undergoing resection for colorectal cancer.

**British Journal of Surgery** (Submitted to press).

Roxburgh CSD, Salmond JM, **Horgan PG**, Oien KA, McMillan DC. Comparison of the prognostic value of inflammation-based pathological and biochemical criteria in patients undergoing potentially curative resection for colorectal cancer.

British Journal of Cancer (Submitted to press)

Moyes LH, Leitch EF, McKee RF, Anderson JH, Finlay IG, **Horgan PG**, McMillan DC. Pre-operative systemic inflammatory response predicts post-operative infectious complications in patients undergoing potentially curative resection for colorectal cancer. British Journal of Surgery (Submitted to press).

Crozier JE, Leitch EF, McKee RF, Anderson JH, **Horgan PG**, McMillan DC. Relationship between emergency presentation, systemic inflammatory response, and cancer-specific survival in patients undergoing potentially curative surgery for colon cancer.

**Am J Surg.** 2008 Jul 8 (in press) PMID: 18614139

Phitayakorn R, Delaney CP, Reynolds HL, Champagne BJ, Heriot AG, Neary P, Senagore AJ;(**Horgan P**) **International Anastomotic Leak Study Group.**

Standardized algorithms for management of anastomotic leaks and related abdominal and pelvic abscesses after colorectal surgery.

**World J Surg.** 2008 Jun;32(6):1147-56.

PMID: 18283511

[Whitaker HC](#), [Girling J](#), [Warren AY](#), [Leung H](#), [Mills IG](#), [Neal DE](#). Alterations in beta-catenin expression and localization in prostate cancer. [Prostate.](#) 2008 Aug 1;68 (11):1196-205.

Rajan P, Gaughan L, Dalglish C, El-Sherif A, Robson CN, **Leung HY**, and Elliott DJ. The RNA-binding and adaptor protein Sam68 modulates signal-dependent splicing and transcriptional activity of the androgen receptor. *J Pathol* 2008; 215:67-77

Dovedi SJ, Kirby JA, Davies BR, **Leung H**, Kelly JD. Celecoxib has Potent Antitumour Effects as a Single Agent and in Combination with BCG Immunotherapy in a Model of Urothelial Cell Carcinoma. [Eur Urol.](#) 2008 Sep;54 (3):621-30.

McCracken SR, Ramsay A, Heer R, Mathers ME, Jenkins BL, Edwards J, Robson CN, Marquez R, Cohen P, **Leung HY**. Aberrant expression of extracellular signal-regulated kinase 5 in human prostate cancer. *Oncogene.* 2008 ; 27: 2978-2988

Heer R, Robson CN, Shenton BK, **Leung HY**. The role of androgen in determining differentiation and regulation of androgen receptor expression in the human prostatic epithelium transient amplifying population. *J Cell Physiol.* 2007 Sep;212(3):572-8. Erratum in: *J Cell Physiol.* 2008 Apr;215(1):283-4.

McKernan M, **McMillan DC**, Anderson JR, Angerson WJ, Stuart RC. The relationship between quality of life (EORTC QLQ-C30) and survival in patients with gastro-oesophageal cancer. **British Journal of Cancer** 2008;98:888-93.

Ramsey S, Lamb GWA, Aitchison M, **McMillan DC**. Prospective study of the relationship between the systemic inflammatory response, prognostic scoring systems and relapse free and cancer specific survival in patients undergoing potentially curative resection for renal cancer. **British Journal of Urology** 2008;101:959-63.

Crumley ABC, Stuart RC, McKernan M, McDonald AC, **McMillan DC**. Comparison of an inflammation-based prognostic score (GPS) with performance status (ECOG-ps) in patients receiving platinum-based chemotherapy for inoperable gastro-oesophageal cancer. **Journal of Gastroenterology and hepatology** 2008; 23:325-329.

Ramsey S, Lamb GWA, Aitchison M, Graham J, **McMillan DC**. The longitudinal relationship between the systemic inflammatory response, circulating T-lymphocytes, interleukin-6 and interleukin-10 in patients undergoing immunotherapy for metastatic renal cancer. **British Journal of Urology** 2008;102:125-9.

Harten, Crozier JEM, Hay A, McCreath B, **McMillan DC**, McArdle CS, O'Reilly D St J, Kinsella J. Effect of intraoperative fluid optimisation on renal function in patients undergoing emergency abdominal surgery; a randomised controlled pilot study (ISRCTN 11799696). **International Journal of Surgery** 2008;6:197-204.

Vasilaki AT, **McMillan DC**, Kinsella J, Duncan A, O'Reilly D St J, Talwar D. The relationship between pyridoxal and pyridoxal phosphate concentrations in plasma, red cells and white cells in patients with critical illness. **American Journal of Clinical Nutrition** 2008;88:140-146.

Lamb GWA, McArdle PA, Ramsey S, McNichol AM, Edwards J, Aitchison M, **McMillan DC**. The relationship between the systemic inflammatory response, tumour T-lymphocyte infiltration, interleukin-6 receptor and COX-2 expression and survival in patients undergoing resection for renal cancer. **British Journal of Urology** 2008;102:756-761.

Al Murri AM, Hilmy M, Bell J, Wilson C, McNicol AM, Lannigan A, Doughty JC, **McMillan DC**. The relationship between the systemic inflammatory response, tumour proliferative activity, T-lymphocytic and macrophage infiltration, microvessel density and survival in patients with primary operable breast cancer. (In press).

**McMillan DC**, Hole DJ, McArdle CS. The impact of old age on cancer specific and non-cancer related survival following elective potentially curative surgery for Dukes A/B colorectal cancer. (In press).

Galloway, P., **McMillan, D.C.**, Sattar, N. Effect of the inflammatory response on trace element and vitamin status. **Annals of Clinical Biochemistry** 2000; 37, 289-297. (More than 25 citations).

7. **McMillan DC** An inflammation based prognostic score and its role in the nutrition based management of people with cancer. **Proceedings of the Nutrition Society** 2008;67:257-62.

Macintyre A, Brouillette SW, Lamb KJ, Radhakrishnan K, McGlynn L, Chee MM, Parkinson EK, Freeman D, Madhok R, **Shiels PG**. Association of increased telomere lengths in limited scleroderma, with a lack of age-related telomere erosion. *Ann Rheum Dis.* 2008 Jul 28. [Epub ahead of print]  
PMID: 18662931

Juan J Carrero, **Paul G Shiels** and Peter Stenvinkel (2008)  
The impact of telomere biology as a mortality risk factor in chronic kidney disease. *Am J Kidney Dis.* 2008 Jun;51(6):107

Velupillai YN, Packard CJ, Batty GD, Bezlyak V, Burns H, Cavanagh J, Deans K, Ford I, McGinty A, Millar K, Sattar N, **Shiels P**, Tannahill C.

Psychological, social and biological determinants of ill health (pSoBid): Study Protocol of a population-based study.

BMC Public Health. 2008 Apr 21;8(1):126

K S Stevenson, K Radhakrishnan, C S Patterson, L C McMillan, K D Skeldon, L Buist, M J Padgett and **P G Shiels**

Breath ethane peaks during a single haemodialysis session and is associated with time on dialysis

J. Breath Res. 2 No 2 (June 2008) 026004

## **PUBLICATIONS IN PRESS**

Stevenson K, McGlynn L and **Shiels PG** (2008)

Stem cells: outstanding potential and outstanding questions.

Scottish Medical Journal in press

Lamb KJ and **Shiels PG**

The use of telomere biology, senescence and the design of novel anti-oxidant therapeutics

In Ageing and Oxidants in Animals and Plants

Thornalley and Foyer eds. Garland Sci).

Expression of tumor necrosis factor alpha converting enzyme in endocrine cancers. Kirkegaard T, Naresh A, Sabine VS, **Tovey SM**, Edwards J, Dunne B, Cooke TG, Jones FE, Bartlett JM. Am J Clin Pathol. 2008 May;129(5):735-43.

<http://ajcp.metapress.com/app/home/contribution.asp?referrer=parent&backto=issue,7,18;journal,6,105;linkingpublicationresults,1:300401,1>

Genetic alterations of CCND1 and EMSY in breast cancers. Kirkegaard T, Nielsen KV, Jensen LB, Campbell FM, Müller S, **Tovey SM**, Brown S, Cooke TG, Bartlett JM. Histopathology. 2008 May;52(6):698-705. Epub 2008 Apr 2

<http://www3.interscience.wiley.com/cgi-bin/fulltext/119403634/PDFSTART>

## **2007**

Tatarov O and **Edwards J**. (2007) The Role of Src Kinase in Prostate Cancer. *Translational Oncogenomics*. 2, 85-95

Tam L, McGlynn LM, Traynor P, Mukherjee R, Bartlett JMS and **Edwards J**. (2007) The Role of IL-6R/JAK/STAT3 Pathway in Hormone Refractory Prostate Cancer. *British Journal of Cancer* 97(3), 378-383.

Teo KA, Traynor P, and **Edwards J**. (2007). Bad expression influences time to androgen escape in prostate cancer. *BJU Int*. 100(3), 691-696.

**Edwards J**. and Leung HY. 2007. "Editorial Comment on: Increased Expression of Tumor-Associated Trypsin Inhibitor, TATI, in Prostate Cancer and in Androgen-Independent 22Rv1 Cells." *Eur.Urol*.

Crozier JE, McMillan DC, McArdle CS, Angerson WJ, Anderson JH, **Horgan PG**, McKee RF.

Tumor size is associated with the systemic inflammatory response but not survival in patients with primary operable colorectal cancer. *J Gastroenterol Hepatol*. 2007 Dec;22(12):2288-91. PMID: 18031394

Leitch EF, Chakrabarti M, Crozier JE, McKee RF, Anderson JH, **Horgan PG**, McMillan DC.

Comparison of the prognostic value of selected markers of the systemic inflammatory response in patients with colorectal cancer.

**Br J Cancer.** 2007 Nov 5;97(9):1266-70.

PMID: 17923866

Moug SJ, **Horgan PG.**

The role of synchronous procedures in the treatment of colorectal liver metastases.

**Surg Oncol.** 2007 Jul;16(1):53-8. Epub 2007 May 22. Review.

PMID: 17517503

Leen E, **Horgan PG.**

Radiofrequency ablation of colorectal liver metastases.

**Surg Oncol.** 2007 Jul;16(1):47-51. Review.

PMID: 17499499

Crozier JE, McKee RF, McArdle CS, Angerson WJ, Anderson JH, **Horgan PG**, McMillan DC.

Preoperative but not postoperative systemic inflammatory response correlates with survival in colorectal cancer.

**Br J Surg.** 2007 Aug;94(8):1028-32. PMID: 17437250

Moug SJ, Smith D, Leen E, Angerson WJ, **Horgan PG.**

Selective continuous vascular occlusion and perioperative fluid restriction in partial hepatectomy. Outcomes in 101 consecutive patients.

**Eur J Surg Oncol.** 2007 Oct;33(8):1036-41.

PMID: 17369004

Darby S, Stockley J, Khan MM, Robson CN, **Leung HY**, Gnanapragasam VJ. Expression of GnRH type II is regulated by the androgen receptor in prostate cancer. *Endocr Relat Cancer.* 2007;14(3):613-24.

Sahadevan K, Darby S, **Leung HY**, Mathers ME, Robson CN, Gnanapragasam VJ. Selective over-expression of fibroblast growth factor receptors 1 and 4 in clinical prostate cancer. *J Pathol.* 2007;213(1):82-90.

Edwards J, **Leung HY.** Editorial comment on: Increased expression of tumor-associated trypsin inhibitor, TATI, in prostate cancer and in androgen-independent 22Rv1 cells. *Eur Urol.* 2007 Dec;52(6):1680-1.

Rowland JG, Robson JL, Simon WJ, **Leung HY**, Slabas AR. Evaluation of an in vitro model of androgen ablation and identification of the androgen responsive proteome in LNCaP cells. *Proteomics* 7(1):47-63 (2007).

Brown DJF, Milroy R, Preston T, **McMillan DC.** The impact of the systemic inflammatory response on the general biochemical upset in patients with advanced lung and gastrointestinal cancer patients. **Journal of Clinical Pathology** 2007; 60;705-708.

Ramsey S, Lamb GWA, Aitchison M, Graham J, **McMillan DC**. Evaluation of an inflammation based prognostic score in patients with metastatic renal cancer. **Cancer** 2007; 109: 205-212.

Al Murri AM, Wilson C, Lannigan A, Doughty JC, Angerson WJ, McArdle CS, **McMillan DC**. Evaluation of the relationship between the systemic inflammatory response and cancer specific survival in patients with primary operable breast cancer. **British Journal of Cancer** 2007; 96: 891-895.

**McMillan DC**, Crozier JEM, Canna K, Angerson WJ, McArdle CS. Evaluation of an inflammation-based prognostic score (GPS) in patients undergoing potentially curative resection for colorectal cancer. **International Journal Colorectal Disease** 2007; 22: 881-886.

Canna K, Hilmy M, **McMillan DC**, Smith GW, McKee RF, McArdle CS, McNicol AM. The relationship between tumour proliferative activity, the systemic inflammatory response and survival in patients undergoing curative resection for colorectal cancer. **Colorectal Disease** 2007; 10:663-667.

**McMillan DC**, McArdle CS. Epidemiology of Colorectal Liver Metastases. **Surgical Oncology** 2007;16:3-5.

TA Salem, RG Molloy and **PJ O'Dwyer**. Prospective Five-year Follow-up Study of patients with symptomatic uncomplicated diverticular disease. *Dis. Colon Rectum* 2007 50 1460-64.

Jenkins JT, Duncan JR, Hole D, **O'Dwyer PJ**, McGregor JR. Malignant disease in peptic ulcer surgery patients after long-term follow-up. A Cohort Study of 1992 patients. *EJSO* 2007 33 706-12.

Salem TA, Molloy RG, **O'Dwyer PJ**. Prospective study on the role of c-reactive protein in patients with an acute abdomen. *Ann RCS Eng* 2007 89 233-237.

Mackay G, Ihedioha U, McConnachie A, Serpell M, Molloy RG, **O'Dwyer, PJ**. Laparoscopic colonic resection in fast-track patients does not enhance short-term recovery after elective surgery. *Colorectal disease* 2007 9 368-72.

Ihedioha U, Leung E, Chung L, Burgess G, Hendry D, **O'Dwyer PJ**. A complex fistula caused by an eroding pelvic mesh sling. *Hernia* 2007 11 75-78.

Stevenson K and **Shiels PG** (2007)  
Cellular therapy for diabetes  
*Dumfries and Galloway Medical Journal* i (2007) 5:7-13

Claire S Patterson, Lesley C McMillan, Karen Stevenson, Kamaraj Radhakrishnan, **Paul G Shiels**, Miles J Padgett and Kenneth D Skeldon  
Dynamic study of oxidative stress in renal dialysis patients based on breath ethane measured by optical spectroscopy  
*J. Breath Res.* 1 No 2 (December 2007) 026005

Carrero JJ, Stenvinkel P, Fellström B, Qureshi AR, Lamb K, Heimbürger O, Bárány P, Radhakrishnan K, Lindholm B, Soveri I, Nordfors L, **Shiels PG**.  
Telomere attrition is associated with inflammation, low fetuin-A levels and high mortality in prevalent haemodialysis patients.  
*J Intern Med.* 2007 Dec 7; [Epub ahead of print]

Starr JM, McGurn B, Harris SE, Whalley LJ, Deary IJ, **Shiels PG**.  
Association between telomere length and heart disease in a narrow age cohort of older people.

Exp Gerontol. 2007 Jun;42(6):571-3

Amplified in breast cancer 1 in human epidermal growth factor receptor - positive tumors of tamoxifen-treated breast cancer patients. Kirkegaard T, McGlynn LM, Campbell FM, Müller S, **Tovey SM**, Dunne B, Nielsen KV, Cooke TG, Bartlett JM. Clin Cancer Res. 2007 Mar 1;13(5):1405-11  
<http://clincancerres.aacrjournals.org/cgi/reprint/13/5/1405>

## 2006

**Edwards J**, Traynor P, Munro A., Pirret CF, Dunne B, and Bartlett JMS. 2006. "The role of HER1-HER4 and EGFRvIII in hormone-refractory prostate cancer." *Clin. Cancer Res.* 12:123-130.

Kirkegaard T, **Edwards J**, **Tovey S**, McGlynn LM, Krishna SN, Mukherjee R, Tam L, A.F.Munro, B.Dunne, and J.M.Bartlett. 2006. "Observer variation in immunohistochemical analysis of protein expression, time for a change?" *Histopathology.* 48:787-794.

O'Dwyer PJ, Norrie J, Alani A, Walker A, Duffy F, **Horgan P**.

Observation or operation for patients with an asymptomatic inguinal hernia: a randomized clinical trial.

**Ann Surg.** 2006 Aug;244(2):167-73.

PMID: 16858177

Crozier JE, McKee RF, McArdle CS, Angerson WJ, Anderson JH, **Horgan PG**, McMillan DC.

The presence of a systemic inflammatory response predicts poorer survival in patients receiving adjuvant 5-FU chemotherapy following potentially curative resection for colorectal cancer.

**Br J Cancer.** 2006 Jun 19;94(12):1833-6.

PMID: 16721360

Prospective multicenter trial evaluating a novel method of characterizing focal liver lesions using contrast-enhanced sonography.

**AJR Am J Roentgenol.** 2006 Jun;186(6):1551-9.

PMID: 16714643

**Cited 19 times**

The renal sequelae of a novel triphasic approach to blood loss reduction during hepatic resection.

**Eur J Surg Oncol.** 2006 May;32(4):435-8.

PMID: 16520017

Is contrast enhanced ultrasound an essential tool for liver trauma?

**J Trauma.** 2006 Jan;60(1):233-6.

PMID: 16456462

Potential value of contrast-enhanced intraoperative ultrasonography during partial hepatectomy for metastases: an essential investigation before resection?

**Ann Surg.** 2006 Feb;243(2):236-40.

PMID: 16432357

**Cited 26 times**

Moug SJ, Leen E, **Horgan PG**, Imrie CW.

Radiofrequency ablation has a valuable therapeutic role in metastatic VIPoma.

**Pancreatology.** 2006;6(1-2):155-9.

PMID: 16354964

Logan IR, Gaughan L, McCracken SR, Sapountzi V, **Leung HY**, Robson CN. Human PIRH2 enhances androgen receptor signaling through inhibition of histone deacetylase 1 and is overexpressed in prostate cancer. *Mol Cell Biol.* 26(17):6502-10 (2006).

Gnanapragasam VJ, Kumar V, Langton D, Pickard RS, **Leung HY**. Outcome of transurethral prostatectomy for the palliative management of lower urinary tract symptoms in men with prostate cancer. *Int J Urol.* 13(6):711-5 (2006).

Wallard MJ, Pennington CJ, Veerakumarasivam A, Burt G, Mills IG, Warren A, **Leung HY**, Murphy G, Edwards DR, Neal DE, Kelly JD. Comprehensive profiling and localisation of the matrix metalloproteinases in urothelial carcinoma. *Br J Cancer* 94(4):569-77 (2006).

Darby S, Khan MM, Stockley J, Robson CN, **Leung HY** and Gnanapragasam VJ. Loss of Sef (Similar expression to FGF) expression is associated with high grade and metastatic prostate cancer. *Oncogene* 25(29):4122-7 (2006).

Fong CW, Lo TL, Yusoff C, McKie AB, Chua MS, **Leung HY** and Guy GR. Sprouty 2, an inhibitor of MAPK signaling, is down-regulated in hepatocellular carcinoma. *Cancer Res* 66(4):2048-58 (2006)

Lo TL, Fong CW, Yusoff C, McKie AB, Chua MS, **Leung HY** and Guy GR. Sprouty and cancer: the first terms report. *Cancer Letter* 242(2):141-150 (2006).

Heer R, Collins AT, Robson CN, Shenton BK and **Leung HY**. Keratinocyte Growth Factor (KGF) Suppresses  $\alpha 2\beta 1$  Integrin Function and Promotes Differentiation of the Transient Amplifying Population in Human Prostatic Epithelium. *J Cell Science* 119:1416-24 (2006).

Armstrong K, Robson CN and **Leung HY**. Transcriptional activation of FGF8 by TSA is mediated by NFkB pathway. *Prostate* 66(11):1223-34 (2006).

Leiblich A, Cross SS, Catto WF, Phillips JT, **Leung HY**, Hamdy FC and Rehman I. Lactate Dehydrogenase-B is silenced by promoter hypermethylation in human prostate cancer. *Oncogene* 25(20):2953-60 (2006)

Salem T Molloy RG and **O'Dwyer PJ**. Prospective Study on the management of patients with complicated diverticular disease. **Colorectal Disease** 2006; 8: 173-76.

Chew C, Reid R, **O'Dwyer PJ**. Value of biopsy in the assessment of a retroperitoneal mass. **Surgeon** 2006; 4: 79-81.

Alani M, Duffy T, **O'Dwyer PJ**. Repair in the Management of Recurrent Groin Hernias. **Hernia** 2006 10 156-58

Almushatat ASK, Talwar D, McArdle PA, Williamson C, Sattar N, St J O'Reilly D, Underwood MA, **McMillan DC**. Vitamin antioxidants, lipid peroxidation and the systemic inflammatory response in patients with prostate cancer. **International Journal of Cancer** 2006; 118; 1051-1053.

Al Murri AM, Bartlett JM, Canney PA, Doughty JC, Wilson C, **McMillan DC**. Evaluation of an inflammation based prognostic score (GPS) in patients with metastatic breast cancer. **British Journal of Cancer** 2006;94:227-230.

Crumley ABC, **McMillan DC**, McKernan M, McDonald AC and Stuart RC. Evaluation of an inflammation-based prognostic score (GPS) in patients with inoperable gastro-oesophageal cancer. **British Journal of Cancer** 2006;94:637-641.

Lamb GWA, **McMillan DC**, Ramsey S, Aitchison M. Pre-operative systemic inflammatory response predicts cancer specific survival in patients undergoing potentially curative resection for renal clear cell cancer. **British Journal of Cancer** 2006; 94: 781-784.

McArdle PA, Mir K, Almushatat ASK, Wallace AM, Underwood MA, **McMillan DC**. The systemic inflammatory response, PSA and survival in patients with metastatic prostate cancer. **Urologia Internationalis** 2006; 77: 127-129.

McArdle CS, **McMillan DC**, Hole DJ. The impact of blood loss, obstruction and perforation on overall and cancer specific survival in patients undergoing curative resection for colon cancer. **British Journal of Surgery** 2006; 93:483-488.

Glen P, Jamieson NB, **McMillan DC**, Carter R, Imrie CW, McKay CJ. Evaluation of a cumulative prognostic score incorporating the systemic inflammatory response (GPS) in patients with inoperable pancreatic cancer. **Pancreatology** 2006;6:450-453.

Crumley ABC, **McMillan DC**, McKernan M, Going JR and Stuart RC. The relationship between the pre-operative systemic inflammatory response and cancer specific survival in patients undergoing potentially curative resection for gastro-oesophageal cancer. **British Journal of Cancer** 2006;94:1568-1571.

Crozier JEM, McKee RF, McArdle CS, Angerson WJ, Anderson JH, Horgan PG, **McMillan DC**. The presence of a systemic inflammatory response predicts poorer survival in patients receiving adjuvant 5-FU chemotherapy following potentially curative resection for colorectal cancer. **British Journal of Cancer** 2006;94:1833-1836.

Harten J, McCreath BJ, **McMillan DC**, McArdle CS, Kinsella J. Postoperative age and gender adjusted urea concentration predicts 30-day mortality in patients undergoing emergency abdominal surgery. **Annals of Clinical Biochemistry** 2006;43:295-299.

Hilmy M, Bartlett JMS, Underwood MA and **McMillan DC**. The relationship between the systemic inflammatory response, tumour proliferative activity, T-lymphocytic infiltration and COX-2 expression and survival in in patients with transitional cell carcinoma of the urinary bladder. **British Journal of Cancer** 2006;95: 1234-1238.

Ramsey S, Lamb GWA, Aitchison M, **McMillan DC**. The longitudinal relationship between circulating concentrations of C-reactive protein, interleukin-6 and interleukin-10 in patients undergoing resection for renal cancer. **British Journal of Cancer** 2006;95:1076-1080.

**McMillan DC**, Sattar N, Lean MEJ, McArdle CS. Obesity and Cancer; ABC of Obesity **BMJ**; 2006;333(7578):1109-11.

**O'Dwyer PJ**, Norrie J, Walker A, Operation or observation for patients with an asymptomatic inguinal hernia. **Ann Surg** 2006 Aug; 244(2):174-5.

G MacKay, K Fearon, A McConnachie, MG Serpell, RG Molloy and **PJ O'Dwyer**. Randomised Clinical Trial of the Effect of post-operative intravenous fluid restriction on patients recovering after elective colorectal surgery: An observer blind randomised Trial. **Br J Surg** 2006 93 1469-74

Ihedioha U, Alani A, Modak P, Chong P, **O'Dwyer PJ**. Hernias are the most common cause of strangulation in patients with small bowel obstruction. *Hernia* 2006 10 338-340.

Sklavounou E, Hay A, Ashraf N, Lamb K, Brown E, Mac Intyre A, George WD, Hartley RC, **Shiels PG**. The use of telomere biology to identify and develop superior nitron based anti-oxidants. *Biochem Biophys Res Commun.* 2006. 347(2):420-7

Chen D, Weber M, **Shiels PG**, Dong R, Webster Z, McVey JH, Kemball-Cook G, Tuddenham EG, Lechler RI, Dorling A.

Postinjury vascular intimal hyperplasia in mice is completely inhibited by CD34+ bone marrow-derived progenitor cells expressing membrane-tethered anticoagulant fusion proteins. *J Thromb Haemost.* 2006. (10):2191-8.

Low expression of HER2 protein in breast cancer is biologically significant. **Tovey SM**, Reeves JR, Stanton P, Ozanne BW, Bartlett JMS and Cooke TG. *J of Pathology* 2006 Nov 210(3):358-62

<http://www3.interscience.wiley.com/cgi-bin/fulltext/113305375/PDFSTART>

The ERBB4/HER4 intracellular domain 4ICD is a BH3-only protein promoting apoptosis of breast cancer cells. Naresh A, Long W, Vidal GA, Wimley WC, Marrero L, Sartor CI, **Tovey S**, Cooke TG, Bartlett JMS and Jones FE. *Cancer Res.* 2006 Jun 15;66(12):6412-20.

<http://cancerres.aacrjournals.org/cgi/reprint/66/12/6412>

HER4 in breast cancer: comparison of antibodies against intra- and extra-cellular domains of HER4. **Tovey SM**, Dunne B, Witton CJ, Forsyth A, Cooke TG and Bartlett JMS. *Breast Cancer Res.* 2006;8(2):R19. Epub 2006 Apr 7

<http://breast-cancer-research.com/content/pdf/bcr1394.pdf>

Observer variation in immunohistochemical analysis of protein expression, time for a change? Kirkegaard T, Edwards J, **Tovey S**, McGlynn LM, Krishna SN, Mukherjee R, Tam L, Munro AF, Dunne B, Bartlett JMS. (2006) *Histopathology.* 2006 Jun;48(7):787-94

<http://clincancerres.aacrjournals.org/cgi/reprint/13/5/1405>

Bad expression predicts outcome in patients treated with tamoxifen. Cannings E, Kirkegaard T, **Tovey SM**, Dunne B, Cooke TG, Bartlett JM. *Breast Cancer Res Treat.* 2007 Apr;102(2):173-9. Epub 2006 Sep 27

<http://www.springerlink.com/content/b442276p5l87n222/fulltext.pdf>

2005

Bartlett JMS, Brawley D, Grigor K, Munro AF, Dunne B, and **Edwards J**. 2005. "Type I receptor tyrosine kinases are associated with hormone escape in prostate cancer." *J Pathol*. 205:522-529.

**Edwards J** and Bartlett JMS. 2005. "The androgen receptor and signal-transduction pathways in hormone-refractory prostate cancer. Part 2: Androgen-receptor cofactors and bypass pathways." *BJU Int*. 95:1327-1335.

**Edwards J** and Bartlett JMS. 2005. "The androgen receptor and signal-transduction pathways in hormone-refractory prostate cancer. Part 1: Modifications to the androgen receptor." *BJU Int*. 95:1320-1326.

Mukherjee R, Bartlett JMS, Krishna NS, Underwood MA, and **Edwards J**. 2005. "Raf-1 expression may influence progression to androgen insensitive prostate cancer." *Prostate*. 64:101-107.

Mukherjee R, **Edwards J**, Underwood MA, and Bartlett JMS. 2005. "The relationship between angiogenesis and cyclooxygenase-2 expression in prostate cancer." *BJU Int*. 96:62-66.

Mukherjee R, Nalagatla SK, Underwood MA, Bartlett JMS, and **Edwards J**. 2005. "The Raf/MAP kinase pathway influences survival in androgen-insensitive prostate cancer." *Journal of Urology*. 173:157-158.

**Edwards J**, Bartlett JMS (2005) *Oncogenes, The Molecular Oncology of Prostate Cancer*. Jones and Bartlett of Sudbury, MA. Chapter 21

Rehman I, Cross SS, Catto JW, Leiblich A, Mukherjee A, Azzouzi AR, **Leung HY**, Hamdy FC. Promoter hyper-methylation of calcium binding proteins S100A6 and S100A2 in human prostate cancer. *Prostate* 65(4):322-30 (2005).

Moug SJ, Hallum N, O'Reilly DS, **Horgan PG**.

Cardiac troponin I predicts outcome after ruptured abdominal aortic aneurysm repair (*Br J Surg* 2005; 92: 824-827).

**Br J Surg**. 2005 Nov;92(11):1454.  
PMID: 16237748

Moug SJ, Craig SR, Roditi G, **Horgan PG**.

Images of interest. Hepatobiliary and pancreatic: extensive thrombosis in Budd-Chiari syndrome.

**J Gastroenterol Hepatol**. 2005 Aug;20(8):1302.  
PMID: 16048584

Moug SJ, Robertson E, Angerson WJ, **Horgan PG**.

Socioeconomic deprivation has an adverse effect on outcome after ileostomy closure.

**Br J Surg**. 2005 Mar;92(3):376-7.  
PMID: 15672424

Poon FW, McDonald A, Anderson JH, Duthie F, Rodger C, McCurrach G, McKee RF, **Horgan PG**, Foulis AK, Chong D, Finlay IG.

Accuracy of thin section magnetic resonance using phased-array pelvic coil in predicting the T-staging of rectal cancer.

**Eur J Radiol**. 2005 Feb;53(2):256-62.  
PMID: 15664289

Gnanapragasam VJ, Darby S, Khan MM, Lock WG, Robson CN, **Leung HY**. Evidence that prostate gonadotropin-releasing hormone receptors mediate an anti-tumourigenic response to analogue therapy in hormone refractory prostate cancer. *J Pathol*. 206:205-13 (2005).

McKie AB, Douglas DA, Olijslagers S, Graham J, Heer R, Robson CN and **Leung HY**. Epigenetic Inactivation of the Human Sprouty2 (hSPRY2) Homologue in Prostate Cancer. *Oncogene* 24 2166-2174 (2005).

Gowardhan B, Douglas DA, Mathers ME, McKie AB, McCracken SRC, Robson CN, **Leung HY**. Fibroblast Growth Factor Receptor-4 Expression in Human Prostate Cancer. *Br J Cancer* 92: 320-7 (2005).

Brown, DJF, **McMillan DC**, Milroy R. The relationship between fatigue, body composition, physical function and the systemic inflammatory response in patients with advanced lung cancer. **Cancer** 2005;103:377-82.

Georgopoulos P, Mowat C, **McMillan DC**, Kingstone K, Ghosh S, Stanley AJ. Is portal hypertension associated with protein-losing enteropathy? **Journal of Gastroenterology and Hepatology** 2005;20:103-7.

Jamieson NB, Glen P, **McMillan DC**, McKay CJ, Foulis AK, Carter R, Imrie CW. Systemic inflammatory response predicts outcome in patients undergoing resection for ductal adenocarcinoma head of pancreas. **British Journal of Cancer** 2005; 92:21–23.

Elahi MM, **McMillan DC**, McArdle CS, Angerson WJ, Soukop M, Johnstone J, Sattar N. The systemic inflammatory response predicts overall and cancer specific survival in patients with malignant lymphoma. **Medical Science Monitor** 2005 11:CR75-78

Canna K, McArdle PA, **McMillan DC**, McNicol AM, Smith GW, McKee RF, McArdle CS. The relationship between the systemic inflammatory response, tumour T-lymphocyte infiltration and survival in patients with primary operable colorectal cancer. **British Journal of Cancer** 2005;92: 651-654.

Hilmy M, Bartlett JMS, Underwood MA and **McMillan DC**. The relationship between the systemic inflammatory response and survival in patients with transitional cell carcinoma of the urinary bladder. **British Journal of Cancer** 2005;92: 625-627.

Forrest LM, **McMillan DC**, McArdle CS, Angerson, WJ, Dagg K, Scott HR. A prospective longitudinal study of performance status, an inflammation based score (GPS) and survival in patients with inoperable non-small cell lung cancer. **British Journal of Cancer** 2005;92:1834-6.

Gray A, **McMillan DC**, Wilson C, Williamson C, St J O'Reilly D, Talwar D. The relationship between the acute changes in the systemic inflammatory response, lipid soluble antioxidant vitamins and lipid peroxidation following elective knee arthroplasty. **Clinical Nutrition** 2005;24:746-50.

McArdle CS, **McMillan DC**, Hole DJ. The impact of anastomotic leakage on long-term survival of patients undergoing curative resection for colorectal cancer. **British Journal of Surgery** 2005;92:1150-1154.

Harten J, McCreath BJ, **McMillan DC**, McArdle CS, Kinsella J. The effect of gender on postoperative mortality after emergency abdominal surgery. **Gender Medicine** 2005; 2: 35-40.

Forrest LM, **McMillan DC**, McArdle CS, Dunlop DJ. An evaluation of the impact of a multidisciplinary team on outcome in patients with non-small cell lung cancer. **British Journal of Cancer** 2005; 93: 977-978.

Talwar D, Azharuddin MK, Williamson C, Teoh YP, **McMillan DC** and O'Reilly DStJ. Biological Variation of Vitamins in blood of Healthy Subjects. **Clinical Chemistry** 2005;51: 2145-2150.

Quasim T, **McMillan DC**, Talwar D, Akaterina Vasilaki, St J O'Reilly D, Kinsella J. The relationship between plasma and red cell B-vitamin concentrations in critically-ill patients. **Clinical Nutrition** 2005; 24:956-960.

Grant AM, Scott NW, **O'Dwyer PJ** for the MRC Laparoscopic Groin Hernia Trial Group. Five-year follow-up of a randomised trial to assess pain and numbness after laparoscopic or open repair of groin hernia. **Br J Surg** 2005; 91: 1570-1574.

**O'Dwyer PJ**, Kingsnorth An, Molloy RG, Small PK, Lammers B and Horeysek G, Randomised clinical trial assessing impact of a lightweight or heavyweight mesh on chronic pain after inguinal hernia repair. **Br J Surg** 2005; 92: 166-70.

MacKay G, Downey M, Molloy RG and **O'Dwyer PJ**. Is pre-operative radiotherapy necessary in T1-T3 rectal cancer? **Colorectal Disease** 8 2005; 34-36.

Witherspoon P, **O'Dwyer PJ**. Surgeon perspectives on options for ventral abdominal wall hernia repairs. Results of a postal questionnaire. **Hernia** 2005; 9: 259-262.

Alani A, Page B, **O'Dwyer PJ**. Prospective Study on the presentation and outcome of patients with an acute hernia. **Hernia** 2005; 20: 62065.

Salem TA, Molloy RG and **O'Dwyer PJ**. Prospective Study on the role of CT scan in patients with an acute abdomen. **Colorectal Disease** 2005; 7: 460-66

Zammit M, Jenkins JT, Urie A, **O'Dwyer PJ**. Molloy RG. A technicality difficult endorectal ultrasound is more likely to be inaccurate. **Colorectal Disease** 2005; 7, 486-91.

**O'Dwyer PJ**, Alani A, McConnachie A. Groin hernia repair post-herniorrhaphy pain. **World J Surg** 2005; 29 (3), 1062-5.

**Shiels PG (2005)** Adult stem cells mitigate the effects of STZ diabetes  
Horizons in Medicine 17:241-249  
Royal College of Physicians (D Haskard Ed).

Al-Fayez M, Russell D, Wayne Davies R, **Shiels PG**, Baker PJ, Payne AP.  
Deficits in the mid-brain raphe nuclei and striatum of the AS/AGU rat, a protein kinase C-gamma mutant.  
Eur J Neurosci. 2005. 22(11):2792-8.

Can molecular markers predict when to implement treatment with aromatase inhibitors in invasive breast cancer? **Tovey SM**, Dunne B, Witton CJ, Forsyth A, Cooke TG and Bartlett JMS. Clin Cancer Res. 2005 Jul 1;11(13):4835-42  
<http://clincancerres.aacrjournals.org/cgi/content/full/11/13/4835>

AKT activation predicts outcome in breast cancer patients treated with tamoxifen. Kirkegaard T, Witton CJ, McGlynn LM, **Tovey SM**, Dunn B, Lyon A, Bartlett JMS. J Pathol. 2005 Oct;207(2):139-46.  
<http://www3.interscience.wiley.com/cgi-bin/fulltext/110577879/PDFSTART>

## 2004

**Edwards J**, Going JJ, and Bartlett JMS. 2004. "Microdissection and extraction of DNA from archival tissue." *Methods Mol. Med.* 97:71-75.

**Edwards J**, Mukherjee R, Munro AF, Wells AC, Almushatat A, and Bartlett JMS. 2004. "HER2 and COX2 expression in human prostate cancer." *Eur.J Cancer*. 40:50-55.

**Edwards J**, Krishna NS, Mukherjee R, and Bartlett JMS. 2004. "The role of c-Jun and c-Fos expression in androgen-independent prostate cancer." *J Pathol*. 204:153-158.

**Edwards J**, Bartlett JMS (2004) The role of the AR in Hormone Refractory Prostate Cancer. Immunohistochemistry and in situ hybridisation of human carcinomas. Vol2 Edited by MA Hayat Chapter 3.14, 423-430.

**Edwards J**, Going JJ, Bartlett JMS (2004). Microdissection and extraction of DNA from archival tissue. . Molecular Diagnosis of Cancer, Methods and protocols, second edition The Humana Press Inc. Edited by JE Roulston and JMS Bartlett Chapter 5 page 71-76

Moug SJ, **Horgan PG**, Leen E.

Potential impact and utilization of ultrasound contrast media.

**Eur Radiol**. 2004 Oct;14 Suppl 8:P16-24. Review.

PMID: 15700329

Leen E, Moug SJ, **Horgan P**.

Contrast-enhanced ultrasonography during liver surgery (Br J Surg 2004; 91: 1165-1167).

**Br J Surg**. 2004 Nov;91(11):1527.

PMID: 15499643

Al-Shaiba R, McMillan DC, Angerson WJ, Leen E, McArdle CS, **Horgan P**.

The relationship between hypoalbuminaemia, tumour volume and the systemic inflammatory response in patients with colorectal liver metastases.

**Br J Cancer**. 2004 Jul 19;91(2):205-7.

PMID: 15213726

Canna K, McMillan DC, McKee RF, McNicol AM, **Horgan PG**, McArdle CS.

Evaluation of a cumulative prognostic score based on the systemic inflammatory response in patients undergoing potentially curative surgery for colorectal cancer.

**Br J Cancer**. 2004 May 4;90(9):1707-9.

PMID: 15150596

**Cited 14 times**

Leen E, **Horgan PG**

Potential impact and Utilization of Ultrasound Media

**European Radiology** 2004; 14: 16-24

Heer R, Douglas D, Mathers ME, Robson CN, **Leung HY**. Fibroblast growth factor 17 is over-expressed in human prostate cancer. *J Pathol*. 204 578-86 (2004).

Gowardhan B, West AF, Robson CN, **Leung HY**. Adenovirus-mediated expression of a soluble fibroblast growth factor receptor inhibits in vitro growth of prostate DU145 cells. *PROSTATE* 61 50-9 (2004).

60. Barber MD, Preston T, **McMillan DC**, Slater C, Ross JA, Fearon KC. Modulation of the liver export protein synthetic response to feeding by an n-3 fatty acid-enriched nutritional supplement is associated with anabolism in cachectic cancer patients. **Clinical Science**. 2004;106:359-64.

Quasim T, **McMillan DC**, Wallace AM, Kinsella J. The relationship between leptin concentrations, the systemic inflammatory response and illness severity in surgical patients admitted to ITU. **Clinical Nutrition** 2004;23:233-238.

McArdle PA, Pollock MA, Wallace AM, **McMillan DC**, Crooks JE, Underwood MA. Comparison of total, complexed and free prostate specific antigen and their ratios in the detection of prostate cancer in a non-screened population. **Annals of Clinical Biochemistry** 2004;41:201-6.

Barber MD, **McMillan DC**, Preston T, Ross JA, Fearon KC. The response of leptin, interleukin-6 and fat oxidation to feeding in weight-losing patients with pancreatic cancer. **British Journal of Cancer**. 2004;90:1129-1132.

Ali AA, **McMillan DC**, Matalaka II, McNicol AM, McArdle CS. Tumour T-lymphocyte subset infiltration and tumour recurrence following curative resection for colorectal cancer. **European Journal of Surgical Oncology** 2004;30:292-295.

Canna K, **McMillan DC**, McKee RF, McNicol AM, Smith GW, Horgan PG, McArdle CS. Evaluation of a cumulative prognostic score based on the systemic inflammatory response in patients undergoing potentially curative surgery for colorectal cancer. **British Journal of Cancer**. 2004; 90: 1707-1709.

Forrest LM, **McMillan DC**, McArdle CS, Angerson WJ, Dunlop DJ. Comparison of an inflammation-based prognostic score (GPS) with performance status (ECOG) in patients receiving platinum-based chemotherapy for inoperable non-small cell lung cancer. **British Journal of Cancer**. 2004; 90: 1704-1706.

Gray A, **McMillan, D.C.**, Wilson C, Williamson, C., O'Reilly, D. StJ, Talwar, D. The relationship between plasma and red cell concentrations of vitamins thiamine diphosphate, flavin adenine dinucleotide and pyridoxal 5-phosphate following elective knee arthroplasty. **Clinical Nutrition** 2004; 23, 1080-1083.

Elahi MM, **McMillan DC**, McArdle CS, Angerson WJ, Sattar N. Score based on hypoalbuminaemia and an elevated C-reactive protein predicts survival in patients with advanced gastrointestinal cancer. **Nutrition and Cancer** 2004; 48: 171-173.

Jamieson NB, Brown, DJF, Wallace AM, **McMillan DC**. Adiponectin and the systemic inflammatory response in weight-losing patients with non-small cell lung cancer. **Cytokine** 2004; 27:90-2.

McArdle PA, Canna K, **McMillan DC**, McNicol AM, Campbell R, Underwood MA. The relationship between T-lymphocyte subset infiltration and survival in patients with prostate cancer. **British Journal of Cancer**. 2004; 91:541-543.

Al-Murri AM, Doughty JC, Lannigan A, Wilson C, McArdle CS, **McMillan DC**. The relationship between deprivation, tumour stage and the systemic inflammatory response in patients with primary operable breast cancer. **British Journal of Cancer** 2004; 91: 1063-1065.

Bromwich E, **McMillan DC**, Lamb G, Vasey P, Aitchison M. The systemic inflammatory response, performance status and survival in patients undergoing alpha interferon treatment for advanced renal cancer. **British Journal of Cancer**. 2004; 91: 1236-1238.

McArdle PA, **McMillan DC**, Sattar N, Wallace AM, Underwood MA. The relationship between interleukin-6 and C-reactive protein in patients with benign and malignant prostate disease. **British Journal of Cancer** 2004; 91: 1755-1757.

McKeown DJ, Brown DJF, Kelly A, Wallace AM and **McMillan DC**. The relationship between circulating concentrations of pro-inflammatory cytokines and C-reactive protein in patients with non-small cell lung cancer. **British Journal of Cancer** 2004; 91:1993-5.

Vella A, MacKenzie S, Young IE, Molloy RG and **O'Dwyer PJ**. Impact of video colonoscopy on stage and outcome of patient with symptomatic colorectal cancer. **Surg Endosc** 2004; 18: 1268-1271.

Chew C Reid R and **O'Dwyer PJ**. Evaluation of the long-term outcome of patients with extremity desmoids. **European Journal of Surgical Oncology**. 2004; 30: 428-32.

Witherspoon P, Bryson G, Wright DM, Reid R and **O'Dwyer PJ**. Carcinogenic potential of commonly used hernia repair prostheses in an experimental model. **Br J Surg** 2004; 91: 368-72.

Taylor EW, Duffy K, Lee K, Hill R, Noone A, Macintyre I, King PM and **O'Dwyer PJ**. Surgical site infection after groin hernia repair. **Br J Surg** 2004; 91: 105-111.

Zammit M, **O'Dwyer PJ**, Molloy R. Local resection of rectal tumours using the Salvati operating proctoscope – a safe and effective technique. **Colorectal Disease** 2004; 6: 446-451.

Nolan CE, Wright SM and **Shiels PG**. (2004)  
Senescence and Transplantation.  
Transplant topics 15:6-9

Hillyard DZ, Cameron AJ, McDonald KJ, Thomson J, MacIntyre A, **Shiels PG**, Panarelli M, Jardine AG. Simvastatin inhibits lymphocyte function in normal subjects and patients with cardiovascular disease. *Atherosclerosis*. 2004 Aug;175(2):305-13.

Chen D, Giannopoulos K, **Shiels PG**, Webster Z, McVey JH, Kembell-Cook G, Tuddenham E, Moore M, Lechler R, Dorling A.  
Inhibition of intravascular thrombosis in murine endotoxemia by targeted expression of hirudin and tissue factor pathway inhibitor analogs to activated endothelium.  
*Blood*. 2004 Sep 1;104(5):1344-9..

Outcome and human epidermal growth factor receptor (HER) 1–4 status in invasive breast carcinomas with proliferation indices evaluated by bromodeoxyuridine labelling. **Tovey SM**, Witton CJ, Bartlett JM, Stanton PD, Reeves JR, Cooke TG. *Breast Cancer Res*. 2004; 6(3): R246-R251.  
<http://breast-cancer-research.com/content/pdf/bcr783.pdf>

## 2003

**Edwards J.** and Bartlett JMS. 2003. "Detection of microsatellite instability and loss of heterozygosity using DNA extracted from formalin-fixed paraffin-embedded tumor material by fluorescence-based multiplex microsatellite PCR." *Methods Mol.Biol.* 226:301-308.

**Edwards J**, Krishna NS, Grigor KM, and Bartlett JMS. 2003. "Androgen receptor gene amplification and protein expression in hormone refractory prostate cancer." *Br.J Cancer*. 89:552-556.

**Edwards J**, Krishna NS, Witton CJ, and Bartlett JMS. 2003. "Gene amplifications associated with the development of hormone-resistant prostate cancer." *Clin.Cancer Res*. 9:5271-5281.

**Edwards J.** and Bartlett JMS. 2003. "Mutation and polymorphism detection: a technical overview." *Methods Mol.Biol.* 226:287-294.

Nalagatla SK, **Edwards J**, Underwood MA, Grigor K, and Bartlett JMS.. 2003. "Cyclooxygenase 2, c-Jun/c-Fos AP-1 Expression in hormone sensitive and hormone refractory prostate cancer." *Journal of Urology*. 169:165.

Nalagatla SK, **Edwards J**, Underwood MA, Grigor K, and Bartlett JMS. 2003. "Does AP-1 upregulation in androgen refractory prostate cancer identify a subset of patients suitable for AP-1 specific targeted therapy?" *Journal of Urology*. 169:88.

Nalagatla SK, **Edwards J**, Underwood MA, Grigor K, and Bartlett J. 2003. "Does, AP-1 upregulation in androgen refractory prostate cancer identify a subset of patients suitable for AP-1 specific targeted therapy?" *Journal of Urology*. 169:88.

**Edwards J**, Bartlett JMS (2003) Detection of microsatellite instability and loss of heterozygosity using DNA extracted from formalin fixed paraffin embedded tumour material by fluorescence-based multiplex microsatellite PCR. *Methods in molecular medicine*. PCR Chapter 5.6.

**Edwards J**, Bartlett JMS (2003) Technical overview on Mutation polymorphism detection. *Methods in molecular medicine*. PCR Chapter 5.1.

Franklin EJ, Seetharam S, Lowney J, **Horgan PG**.

Randomized, clinical trial of Ligasure vs conventional diathermy in hemorrhoidectomy.

**Dis Colon Rectum**. 2003 Oct;46(10):1380-3.

PMID: 14530679

Seetharam S, Paige J, **Horgan PG**.

Impact of socioeconomic deprivation and primary pathology on rate of reversal of Hartmann's procedure.

**Am J Surg**. 2003 Aug;186(2):154-7.

PMID: 12885609

**Cited 20 times**

Glen P, **Horgan PG**.

A simple technique for fenestration of an hepatic cyst.

**Ann R Coll Surg Engl**. 2003 May;85(3):209.

PMID: 12836661

O'Dwyer PJ, Serpell MG, Millar K, Paterson C, Young D, Hair A, Courtney CA, **Horgan P**, Kumar S, Walker A, Ford I.

Local or general anesthesia for open hernia repair: a randomized trial.

**Ann Surg**. 2003 Apr;237(4):574-9.

PMID: 12677155

Leen E, **Horgan P**.

Ultrasound contrast agents for hepatic imaging with nonlinear modes.

**Curr Probl Diagn Radiol**. 2003 Mar-Apr;32(2):66-87. Review.

PMID: 12658264

Leen E, **Horgan PG**

### **Ultrasound Contrast Agents for Hepatic Imaging with Non-linear Modes**

**Curr Probl Diagn Radiol** 2003 32; 66-87

O'Riordain D, **HorganPG**, Tanner A, Keane FB.

Randomised Trial of Laparoscopic Vs Open Herniorrhaphy

**Archives of Surgery** 2003 46: 1380

Drake MJ, Robson W, Mehta P, Schofield I, Neal DE, **Leung HY**. An open-label phase II study of low-dose thalidomide in androgen-independent prostate cancer. *Br J Cancer*. 88: 822-827 (2003).

Halkidou K, Gnanapragasam VJ, Mehta PB, Logan IR, Brady ME, Cook S, Leung HY, Neal DE, Robson CN. Expression of Tip60, an androgen receptor coactivator, and its role in prostate cancer development. *Oncogene*. 22: 2466-2477 (2003).

Gnanapragasam V, Robinson MC, Marsh C, Robson CN, Hamdy FC, **Leung HY**. FGF8 isoform b expression in human prostate cancer. *Br J Cancer*. 88: 1432-1438 (2003).

Mehta PB, Jenkins BL, McCarthy L, Thilak L, Robson CN, Neal DE and **Leung HY**. MEK5 over-expression is associated with metastatic prostate cancer, and stimulates proliferation, MMP-9 expression and invasion. *Oncogene* 22: 1381-1389 (2003).

Jamieson NB, **McMillan DC**, Brown DF, Wallace AM. Comparison of a simple acid-ethanol precipitation with gel exclusion chromatography for measuring leptin binding in serum of normal subjects and cancer patients. *Annals of Clinical Biochemistry* 2003; 40:185-187.

**McMillan DC**, Canna K, McArdle CS. A systemic inflammatory response predicts survival following curative resection for colorectal cancer. *British Journal of Surgery* 2003; 90: 215-219. (More than 50 citations)

Talwar D, Quasim T, **McMillan DC**, Kinsella J, Williamson C, O'Reilly DStJ. Pyridoxal Phosphate Decreases in Plasma but not Erythrocytes during Systemic Inflammatory Response. *Clinical Chemistry* 2003; 49: 515-518.

McArdle CS, **McMillan DC**, Hole DJ. Male gender adversely affects survival following surgery for colorectal cancer. *British Journal of Surgery* 2003; 90; 711-715.

Scott HR, **McMillan DC**, Forrest LM, Brown DJF, McArdle CS, Milroy R. A prospective study of the impact of weight loss and the systemic inflammatory response on quality of life in patients with inoperable non-small cell lung cancer. *Lung Cancer* 2003;40; 295-299.

Talwar D, Quasim T, **McMillan DC**, Williamson C, Kinsella J, O'Reilly D.StJ. Optimisation and validation of a sensitive high-performance liquid chromatography assay for routine measurement of pyridoxal 5-phosphate in human plasma and red cells using pre-column semicarbazide derivatisation. *Journal of Chromatography B* 2003; 792; 333-343.

Quasim T, **McMillan DC**, Talwar D, Sattar N, O'Reilly DStJ, Kinsella J. Lower concentrations of carotenoids in the critically-ill patient are related to a systemic inflammatory response and increased lipid peroxidation. *Clinical Nutrition* 2003; 22; 459-462.

**McMillan DC**, Canna K, McArdle CS. The effect of deprivation and the systemic inflammatory response on outcome following curative resection for colorectal cancer. *British Journal of Cancer* 2003;89, 612-614.

Forrest LM, **McMillan DC**, McArdle CS, Angerson WJ, Dunlop DJ. Evaluation of cumulative prognostic scores based on the systemic inflammatory response in patients with inoperable non-small cell lung cancer. *British Journal of Cancer* 2003;89;1028-1030. (More than 25 citations)

Bromwich E, McArdle PA, Canna K, **McMillan DC**, McNicol AM, Brown M, Aitchison M. The relationship between T-lymphocyte infiltration, stage, tumour grade and survival in patients undergoing curative surgery for renal cell cancer. *British Journal of Cancer* 2003;89;1906-1908.

**O'Dwyer PJ**, Serpell MG, Millar K, Paterson C, Young D, Hair A, Courtney CA, Horgan P, Kumar S, Walker A, Ford I. Local or general anaesthetic for open hernia repair. A randomised trial. *Ann Surg* 2003; 237: 574-579.

Courtney CA and **O'Dwyer PJ**. Factors involved in abdominal wall closure and subsequent incisional hernia. *Surgeon* 2003; 1: 17-23.

Courtney CA, Lee AC, Wilson C and **O'Dwyer PJ**. Ventral Hernia Repair. A study of current practice. *Hernia* 2003 7: 44-46.

Taylor EW, Duffy K, Lee K, Noone A, Leonard A, King P and **O'Dwyer PJ**. Telephone call contact for post-discharge surveillance of surgical site infections – a pilot methodological study. **J Hosp Infect** 2003; 55: 8-13.

Mackenzie S, Norrie J, Vella, Drummond I, Walker A, Molloy R, Galloway DJ and **O'Dwyer PJ**. Consultant led or open access investigation for large bowel symptoms. A randomised clinical trial. **Br J Surg** 2003; 90: 941-47.

**O'Dwyer PJ** Salemis N. Spleen, lymph nodes, soft tissue sarcomas and retroperitoneal tumours In: **Surgical Practice**. Majid A and Kingsnorth A. Eds. Greenwich Medical Media 2003; 177-197.

**O'Dwyer PJ** and Doughty JC. Palliative Surgery. In: **Oxford Handbook of Oncology**. Cassidy J, Bissett D, Spence RAJ Eds. Published by Oxford University Press 2002.

**O'Dwyer PJ**, Page B. Anatomy and Physiology. In: **Laparoscopic Hernia Surgery**. An Operative Guide. LeBlanc KA Ed. Arnold Health Sciences 2003.

**O'Dwyer PJ**, Kingsnorth AN. Abdominal wall and hernias. In: **The New Aird's Companion to Surgical Studies** 3<sup>rd</sup> Edition 2003. Elsevier Health Sciences.

**O'Dwyer PJ**, Alani A. Have we defeated hernia recurrence in the groin? An Epidemiological approach. In: **Meshes: Benefits and Risks**. Schumpelick V, Nyhus LM Eds. Springer-Verlag 2003.

**O'Dwyer PJ**, Alani A. Complaints – Usual Complications of Meshes? In: **Meshes: Benefits and Risks**. Schumpelick V, Nyhus LM Eds. Springer-Verlag 2003.

**Shiels PG** and Davies RW (2003)

Ageing and death in neurones.

In: *The Molecular biology of the neurone* (2nd Edition)

435-464

Oxford University Press ( Davies and Morris Eds.)

Joosten SA, van Ham V, Nolan CE, Borrias MC, Jardine AG, **Shiels PG**, van Kooten C and. Paul. LC (2003)

Telomere shortening and cellular senescence in a model of chronic renal allograft rejection.

*Am J Pathol.* 2003 162(4):1305-12.

**Shiels PG** and Jardine AG (2003)

Dolly, no longer the exception; telomeres and implications for transplantation.

*Cloning and Stem Cells* 2003 5(2) 157-161

## **2002**

Brown RS, **Edwards J**, Bartlett JW, Jones C, and Dogan A. 2002. "Routine acid decalcification of bone marrow samples can preserve DNA for FISH and CGH studies in metastatic prostate cancer." *J Histochem. Cytochem.* 50:113-115.

Brown RS, **Edwards J**, Dogan A, Payne H, Harland SJ, Bartlett JM, and Masters JR. 2002. "Amplification of the androgen receptor gene in bone metastases from hormone-refractory prostate cancer." *J Pathol.* 198:237-244.

**Edwards J**, Duncan P, Going JJ, Watters AD, Grigor KM, and Bartlett JM. 2002. "Identification of loci associated with putative recurrence genes in transitional cell carcinoma of the urinary bladder." *J Pathol.* 196:380-385.

Krishna NS, **Edwards J**, Underwood MA, Grigor KM, and Bartlett JMS. 2002. "AP-1 as a mediator of androgen refractory prostate cancer." *British Journal of Cancer.* 86:S92.

MacLean ME, **Edwards J**, Going JJ, Cooke TG, and Bartlett J.M.S. 2002. "Use of reverse transcription PCR to detect cytokeratin 19 expression in sentinel nodes of patients with breast cancer." *European Journal of Cancer.* 38:S156-S157.

MacLean ME, **Edwards J**, Going JJ, Cooke TG, and Bartlett JMS. 2002. "Upstaging of sentinel nodes in breast cancer by cytokeratin 19 RT-PCR." *Breast Cancer Research and Treatment.* 76:S130.

Mir K, **Edwards J**, Paterson PJ, Hehir M, Underwood MA, and Bartlett JM. 2002. "The CAG trinucleotide repeat length in the androgen receptor does not predict the early onset of prostate cancer." *BJU Int.* 90:573-578.

Milne SE, **Horgan PG**, Kenny GN. Target-controlled infusions of propofol and remifentanyl with closed-loop anaesthesia for hepatic resection. *Anaesthesia.* 2002 Jan;57(1):93. PMID: 11843757

**Horgan PG.** The Half-Pringle Maneuver. *American J Surgery* 2002 184:182-3

VJ Gnanapragasam, DE Neal, CN Robson and **HY Leung.** Regulation of FGF8 expression by the androgen receptor in human prostate cancer. *Oncogene* 21:5069-5080 (2002).

**McMillan DC, Forrest LM, O'Gorman P, Angerson WJ, McArdle CS.** Performance status of male and female advanced cancer patients is independently predicted by mid-upper arm circumference measurement. *Nutrition and Cancer* 2002; 42: 191-193.

Latif Z, **McMillan DC**, Wallace AM, Sattar N, Mir L, Jones G, Underwood MA. The relationship of circulating IGF-1, IGFBP-3, PSA and C-reactive protein concentrations and disease stage in prostate cancer. *British Journal of Urology* 2002; 89, 396-399.

**McMillan DC**, Talwar D, Sattar N, Underwood MA, O'Reilly DStJ, McArdle CS. The relationship between reduced vitamin antioxidant concentrations and the systemic inflammatory response in patients with common solid tumours. *Clinical Nutrition* 2002; 21: 161-164.

Scott HR, **McMillan DC**, Forrest LM, Brown DJF, McArdle CS, Milroy R. The systemic inflammatory response, weight loss, performance status and survival in patients with inoperable non-small cell lung cancer. *British Journal of Cancer* 2002; 87: 264-267. (More than 25 citations)

Maguire R, **McMillan DC**, Wallace AM, McArdle CS. A longitudinal study of leptin and appetite, the systemic inflammatory response, resting energy expenditure and fat mass in patients with colorectal liver metastases. *Cytokine* 2002; 20: 174-177.

Wallace AM, Kelly A, Sattar N, McArdle CS, **McMillan DC.** Circulating concentrations of 'free' leptin in relation to fat mass and appetite in gastrointestinal cancer patients. *Nutrition and Cancer* 2002; 44:157-160.

The EU Hernia Trialists Collaboration. Repair of Groin Hernia with Synthetic Mesh. **Ann Surg** 2002; 235 (3): 322-32.

Wright D, Paterson C, Scott N, Hair A and **O'Dwyer PJ**. Five-year follow-up of patients undergoing laparoscopic or open groin hernia repair – a randomised controlled trial. **Ann Surg** 2002; 235: 333-37.

Mackenzie S, Reid R, Barrett A and **O'Dwyer PJ**. Management of soft tissue sarcomas of the abdomen and pelvis. **Colorectal Disease** 2003; 5: 129-132.

Courtney CA, Duffy K, Serpell MG and **O'Dwyer PJ**. Outcome of patients with severe chronic pain following repair of a groin hernia. **Br J Surg** 2002; 89: 1310-1314.

Page B, Paterson C, Young D and **O'Dwyer PJ**. Pain from primary inguinal hernia and the effect of repair on pain. **Br J Surg** 2002; 89: 1315-1318.

Vella M, **O'Dwyer P**. Management of intra-abdominal gastrointestinal injuries. **Journal of Gynaecologic Oncology** 2002; 7: 183-186.

Vella M, **O'Dwyer P**. Techniques of bowel resection and anastomosis. **Journal of Gynaecologic Oncology** 2002; 7: 290-292.

## **2001**

**Edwards J**, Krishna NS, Mukherjee R, Watters AD, Underwood MA, and Bartlett JM. 2001. "Amplification of the androgen receptor may not explain the development of androgen-independent prostate cancer." *BJU Int.* 88:633-637.

**Edwards J**, Duncan P, Going JJ, Grigor KM, Watters AD, and Bartlett JM. 2001. "Loss of heterozygosity on chromosomes 11 and 17 are markers of recurrence in TCC of the bladder." *Br.J Cancer.* 85:1894-1899.

**Edwards J**, Duncan P, Going JJ, Watters AD, and Bartlett JMS. 2001. "Loss of heterozygosity on chromosome 11 is a marker of recurrence in TCC of the bladder cancer." *British Journal of Cancer.* 85:74.

Quasim T, **Horgan P**. Severe abdominal pain in women: a case report of an hepatic adenoma. **Scott Med J.** 2001 Oct;46(5):147. PMID: 11771495

**Horgan PG**, Leen E. A simple technique for vascular control during hepatectomy: the half-Pringle. **Am J Surg.** 2001 Sep;182(3):265-7. PMID: 11587690 **Cited 11 times**

**Horgan PG**. A novel technique for parenchymal division during hepatectomy. **Am J Surg.** 2001 Mar;181(3):236-7. PMID: 11376578 **Cited 47 times**

VJ Gnanapragasam, **Leung HY**, DE Neal and CN Robson. The steroid hormone receptor co-activator, RAC3, in prostate cancer. *BJC* 85: 1928-1936 (2001)

Steel IA, Edmondson RJ, Bulmer JN, Bolger BS, **Leung HY**, Davies BR. Induction of FGF receptor 2-IIIb and responses to its ligands in epithelial ovarian cancer *Oncogene* 20: 5878-5887 (2001).

Djeha AH, Thomson TA, **Leung H**, Searle PF, Young LS, Kerr DJ, Harris PA, Mountain A, Wrighton CJ. Combined adenovirus-mediated nitroreductase gene delivery and CB1954 treatment: A well-tolerated therapy for established solid tumors. *Molecular Therapy* 3: 233-240 (2001).

West AF, O'Donnell M, Charlton RG, Neal DE, **Leung HY**. Correlation of vascular endothelial growth factor expression with fibroblast growth factor-8 expression and clinico-pathologic parameters in human prostate cancer. *British Journal of Cancer* 85: 576-583 (2001).

Mehta PB, Robson CN, Neal DE, **Leung HY**. Keratinocyte growth factor activates p38 MAPK to induce stress fibre formation in human prostate DU145 cells. *Oncogene* 20: 5359-5365 (2001).

**McMillan DC**, Watson WS, O'Gorman P, Preston T, Scott HR, McArdle CS. Albumin concentrations are primarily determined by the body cell mass and the systemic inflammatory response in cancer patients with weight loss. **Nutrition and Cancer** 2001; 39: 210-213.

Scott HR, **McMillan DC**, Watson WS, Milroy R, McArdle CS. Longitudinal study of resting energy expenditure, body cell mass and the inflammatory response in male patients with non-small cell lung cancer. **Lung Cancer** 2001; 32, 307-312.

Quasim T, **McMillan DC**, Kinsella J. Negative fluid balance as a predictor of mortality. **Chest** 2001; 120, 1424-1425.

Barber MD, Fearon KCH, Tisdale MJ, **McMillan DC**, Ross, J.A. The effect of a fish oil-enriched nutritional supplement on metabolic mediators in patients with pancreatic cancer cachexia. **Nutrition and Cancer** 2001; 40: 118-124. (More than 25 citations)

**McMillan DC**, Elahi M, Sattar N, Angerson WJ, Johnstone J, McArdle CS. Measurement of the systemic inflammatory response predicts cancer specific and non-cancer survival in patients with cancer. **Nutrition and Cancer** 2001; 41; 64-69. (More than 25 citations)

Smith GA and **O'Dwyer PJ**. Sensitivity of double contrast barium enema and colonoscopy for the detection of colorectal neoplasms. **Surgical Endoscopy** 2001; 15 649-52

Mackenzie S, Ibrahim F and **PJ O'Dwyer**. Is radical liver or pancreatic surgery for metastatic renal cancer worthwhile? **BJU International** 2001; 87:1-3.

Hair A, Paterson C, Wright D, Baxter JN and **O'Dwyer PJ**. What effect has the duration of an inguinal hernia on patient symptoms? **Am Coll Surg** 2001; 193: 125-29.

Taylor SG, Hair A, Baxter GM, **O'Dwyer PJ**. Does contraction of mesh following tension-free hernioplasty effect testicular or femoral vessel blood flow? **Hernia** 2001; 5: 13-15

Hillier C, Berry C, Petrie MC, **O'Dwyer PJ** et al. Effects of Urotension II in human arteries and veins of varying calibre. **Circulation** 2001; 103: 1378-81.

Hair A, Paterson C and **O'Dwyer PJ**. Diagnosis of a femoral hernia in the elective setting, **J.R. Coll. Surg.Edin** 2001; 46: (2) 112-18.

MRC Trials Collaboration Group. Cost utility analysis of laparoscopic hernia repair **BR J Surg** 2001; 88 (5): 653-62.

Taylor SG and **O'Dwyer PJ**. Hernia. Blakemore C and Jennett S. Eds. In: **Oxford Companion to the Body**. Blakemore C and Jennett S. Eds Oxford University Press 2001.

**Smith G and O'Dwyer PJ**. Haemorrhoids. Blakemore C and Jennett S. Eds. In: **Oxford Companion to the Body**. Oxford University Press 2001.

Winter A and **O'Dwyer PJ**. Appendix. Blakemore C and Jennett S. Eds. In: **Oxford Companion to the Body**. Oxford University Press 2001.

**O'Dwyer PJ**, Serpell M. Chronic pain following repair of a groin hernia. In: **Abdominal Wall Hernias**. Bendavid R. Ed Springer 2001; 726-30.

Craig NJ, Duran Alonso MB, Hawker KL, **Shiels P**, et al (2001) A candidate gene for human neurodegenerative disorders: a rat PKC gamma mutation causes a Parkinsonian syndrome. *Nat Neuroscience*.4:1061-1062.

Ayres D, Colman A, Dai Y, **Shiels P** and Moore M (2001)  
Cloning pigs deficient in alpha 1,3 galactosyltransferase.  
Graft 4: 80-82

## **2000**

**Edwards J**, Bartlett JMS (2000) Phosphotyrosine kinase assays as a prescreen for inhibitors of EGFr. Methods in molecular medicine, Vol. 39: Ovarian Cancer: Methods and Protocols. Edited J.M.S. Bartlett. 577-582, Humana Press, Inc., Totowa, NJ.

**Edwards J**, Bartlett JMS (2000) Direct kinase assay screening for inhibitors of MAP kinase. Methods in molecular medicine, Vol. 39: Ovarian Cancer: Methods and Protocols. Edited J.M.S. Bartlett. 582-589, Humana Press, Inc., Totowa, NJ.

Langdon SP, **Edwards J**, Bartlett JMS (2000) Model systems: Technical overview. . Methods in molecular medicine, Vol. 39: Ovarian Cancer: Methods and Protocols. Edited J.M.S. Bartlett. 145-149, Humana Press, Inc., Totowa, NJ.

**Horgan PG** Hepatectomy following Neo-adjuvant Chemotherapy  
**Int J Colorectal Dis** 2000

Mehta P, Robson CN, Neal DE and **Leung HY**. Fibroblast growth factor receptor-2 mutation analysis in human prostate cancer. BJU Int 86, 681-685 (2000).

Mehta P, Robson CN, Neal DE and **Leung HY**. ELISA for serum Keratinocyte Growth Factor in patients with prostate cancer J Urol 164, 2151-2155 (2000).

West AF, **Leung HY** and Powell PH. Epididymectomy is an effective treatment for scrotal pain after vesectomy. BJU Int 85, 1097-1099 (2000).

Barber MD, **McMillan DC**, Preston T, Ross JA, Fearon KCH. Metabolic response to feeding in weight-losing pancreatic cancer patients and its modulation by a fish oil-enriched nutritional supplement. **Clinical Science** 2000; 98, 389-399. (More than 25 citations)

Wallace AM, Sattar N, and **McMillan DC**. The co-ordinated cytokine/ hormone response to acute injury incorporates leptin. **Cytokine** 2000; 12, 1042-1045. (More than 25 citations)

**McMillan DC**, Sattar N, Talwar D, O'Reilly DSJ, McArdle CS. Changes in micronutrient concentrations following anti-inflammatory treatment in patients with gastrointestinal cancer. **Nutrition** 2000; 16, 425-428.

O'Gorman P, **McMillan DC**, McArdle CS. Factors predicting survival of advanced gastrointestinal cancer patients with weight loss. **Nutrition and Cancer** 2000; 37, 36-40. (More than 25 citations)

**McMillan DC**, Watson WS, Preston T, McArdle CS. Lean body mass changes in cancer patients with weight loss. **Clinical Nutrition** 2000; 19, 403-406.

Barber MD, Fearon KCH, **McMillan DC**, Slater C, Ross JA, Preston T. Liver export protein synthesis rates are increased by oral meal feeding in weight-losing cancer patients. **American Journal of Physiology** 2000; 279: E707-E714.

Galloway, P., **McMillan, D.C.**, Sattar, N. Effect of the inflammatory response on trace element and vitamin status. **Annals of Clinical Biochemistry** 2000; 37, 289-297. (More than 25 citations).

Dorrance HR, Docherty GM, **O'Dwyer PJ**. Effect of the surgeons specialty interest on patient outcome following potentially curative colorectal cancer surgery. **Dis Colon Rectum** 2000; 43: 492-498.

Scott NW, Grant AM, Ross SJ, Smith A, Macintyre, JMC and **O'Dwyer PJ** for the MRC Laparoscopic Groin Hernia Trial Group. Patient assessed outcome up to three months in a randomised controlled trial comparing laparoscopic with open groin hernia repair. **Hernia** 2000; 4: 73-79.

Rehman JM, Seow CS and **O'Dwyer PJ**. A case of spigelian hernia at an unusually high anatomical location. **J.R. Coll.Surg, Edin** 2000; 46: 196-197

Hair A, Duffy K, McLean J, Taylor S, Smith H, Walker A, MacIntyre IMC and **O'Dwyer PJ**. Groin Hernia Repair in Scotland. **Br J Surg** 2000; 87: 1722-26.

Dorrance HR, McGregor JR, McAllister EJ and **O'Dwyer PJ**. Bile carcinoembryonic antigen levels and occult hepatic metastases from colorectal cancer, **Dis Colon and Rectum** 2000; 43(9): 1292-1296

EU Hernia Trialists Collaboration. Mesh compared with non-mesh methods of open groin hernia repair: systemic review of randomised controlled trials. **Br J Surg** 2000; 87: 854-859.

EU Hernia Trialists Collaboration. Laparoscopic compared with open methods of groin hernia repair: systemic review of randomised controlled trials. **Br J Surg** 2000; 87: 860-867.

Gillian MGC, Ross S Gilbert AM and **O'Dwyer PJ**. Recruitment to multicentre trials: The impact of external influences. **Health Bulletin** 58(3) May 2000.

**Shiels PG** (2000) Innovations conceptuelles et technologiques a l'aube du troisieme millenaire. (INIST-CNRS) P.Chappuis & SDB Eds, pp73-80

Davis RW, Craig NC, Hawker KL, Glencorse TA, Duran Alonso MB, **Shiels P**, Sutcliffe RG and Payne AP (2000) Parkinsonian Syndrome of the AS/AGU mutant rat is due to a mutation in a gene encoding a protein kinase. *Am. Soc. Neurosci.* 2000, 476-7

## 1999

**Edwards J**, Iddb report for CP-358774, Iddb Reports current Drugs Ltd, February, 1999, [www.currentdrugdiscovery.com](http://www.currentdrugdiscovery.com).

**Edwards J** and Bartlett JM. 1999. "Induction of apoptosis and inhibition of cellular proliferation as a dual approach to treatment of ovarian cancer." *Int.J Oncol.* 15:583-588.

**Edwards J** and Bartlett JMS. 1999. "Induction of apoptosis and inhibition of cellular proliferation as a novel approach to treatment of ovarian cancer." *British Journal of Cancer.* 80:78.

O'Riordain DS, Kelly P, **Horgan PG**, Keane FB, Tanner WA.

Laparoscopic extraperitoneal inguinal hernia repair in the day-care setting.

**Surg Endosc.** 1999 Sep;13(9):914-7.

PMID: 10449852

**Cited 16 times**

Gallagher G, Horgan PG

The TNF (R2) Locus in Colorectal Metastases

**Int J Colorect Dis** 1999.

Wright DM, Hall MG, Paterson Cr, O'Dwyer PJ. A randomised comparison of driver reaction time after open and endoscopic tension-free inguinal hernia repair. **Surg Endosc** 1999; 13: 332-334.

Dorrance HR, Oien K, O'Dwyer PJ. Effect of laparoscopy on intra-peritoneal tumour growth and distant metastases in an animal model. **Surgery** 1999; 126: 35-40.

Smith G, Oien K, O'Dwyer PJ. Frequency of early colorectal cancer in patients undergoing colonoscopy. **Br J Surg** 1999; 86: 1328-1331.

Dorrance HR, Lingham MK, Hair A, Oien K and O'Dwyer PJ. Acquired abnormalities of the biliary tract due to chronic gallstone disease. **J. Am Coll Surg** 1999 Vol 189 Issue 3 269-273.

Taylor SG, O'Dwyer PJ. Chronic groin sepsis following tension-free inguinal hernioplasty. **Br J Surg** 1999; 86:562-565.

MRC Laparoscopic Groin Hernia Trial Group O'Dwyer PJ, (Principal Investigator). Randomised trial comparing laparoscopic with open groin hernia repair. **Lancet** 1999; 354: 183-88.

**Shiels P.G.** (1999)

Somatic Cell nuclear transfer as a tool to study ageing.

*Hum. Gene Ther. Mol. Biol.* 4: 11-22.

**Shiels PG**, Kind AJ, Campbell KH, Waddington D, Wilmut I, Colman A, Schnieke AE (1999)

Analysis of telomere lengths in cloned sheep.

*Nature* 399:316-317.

**Shiels PG**, Kind AJ, Campbell KH, Waddington D, Wilmut I, Colman A, Schnieke AE (1999)

Analysis of telomere length in Dolly, a sheep derived by nuclear transfer.

**Cloning** 1: 119-125.

Huett AS, Innes DAJ, Moore MJ, Schnieke AE and Shiels PG (1999)

Identification of a novel Hae III PCR-RFLP in the SLA DQB gene.

**Animal Genetics** 30: 397