

# Keyword Index for Volume 88

- 19q 1914  
2-(4-aminophenyl)benzothiazole 470, 599  
5'-deoxyfluorouridine 957  
5-fluorouracil 624, 957, 1507,  
1669  
5HT<sub>3</sub> antagonists 1823  
5q21 region 1925  
7q31 region 1909, 1925  
8p21 270
- α1-adrenoceptor antagonists  
1615  
αβ1 integrin 327  
α-fetoprotein 1878  
α-particle emitter <sup>213</sup>Bi 944  
A33 antibody 937  
acrylamide 84  
adaptive intrapatient dose  
adjustment 814  
additivism 1281  
adenocarcinoma 63, 1229, 1886  
adenocarcinoma of the cardia  
401  
adenoma size 1866  
adenomatous polyposis coli  
(APC) 202  
adenovirus 1492  
adhesion molecules 1772  
adjuvant therapy 1859  
adrenal gland 1746  
advanced non-small-cell lung  
cancer 342  
adverse drug reaction 1157  
adverse effects 1510  
Africa 1  
age 487, 839  
agmatine 613  
ALA derivatives (ALA hexyl  
ester) 432  
alcohol 58, 366, 675, 1044, 1702  
alkylating agents 1828  
alternative splicing 918  
AMD473 1128  
amelanotic melanoma 1462  
amifostine 754  
aminolevulinic acid (ALA) 432  
anaemia 988, 1851  
anal cancer 1352  
androgen-independent 822  
anger 658  
angiogenesis 163, 307, 478, 537,  
553, 711, 718, 796, 1424,  
1453, 1484, 1727, 1900  
angiogenesis inhibitors 965  
angiogenic factor 307  
Annexin V 1301  
antiapoptosis 902  
antibiotics 1012  
antibody directed enzyme-producing  
therapy (ADEPT) 937  
antibody pretargeting 996
- anticancer drugs 803  
anticancer effect 1948  
Antiemetics 1823  
antineoplastic agents 1793  
antioxidants 940, 1381  
antitumoral agents 940  
antivascular 1844  
anti-VEGF mAb 1979  
anxiety 658  
Apaf-1 1785  
APC 1932  
Apc<sup>-/-</sup> mice 1480  
apheresis 396  
aponecrosis 1987  
apoptosis 115, 153, 163, 210,  
223, 298, 463, 487, 586, 748,  
754, 788, 910, 918, 1077,  
1143, 1301, 1527, 1584, 1615,  
1649, 1763, 1785, 1948, 1971  
apoptosis induction 1800  
areca 366  
arginase 613  
arginine 613  
arginine decarboxylase 613  
aromatase 630  
aryl hydrocarbon receptor 599  
aspirin 672, 1480  
association 1920  
atrophic gastritis 1239  
augmentation 832  
autocrine 567  
autophagy 1277  
axillary nodes 96  
Axin 1734
- β-catenin 206, 740, 1755  
B7.1 424  
B7.2 424  
*bak* 1584  
Barrett's oesophagus 1271  
BAX 586, 848  
BCL-2 848  
Bcl-X<sub>L</sub> 910  
Belgium 560  
benign prostate hyperplasia 928  
bereavement 1698  
bilateral testicular neoplasms  
828  
bile acids 748  
biochemotherapy 424  
biological markers 1239, 1271,  
1721  
bisphosphonates 1631, 1971  
black gold miners 1361  
bladder cancer 84, 586, 1492,  
1932  
bleomycin 1763  
blood supply 291  
blood vessel invasion 1900  
BMI 36  
*BNIP3L* 270  
body mass 1038
- body mass index 1388  
body weight 679  
bone infiltration 1105  
bone marrow 855  
bone metastasis 195, 1318  
bone resorption 1318  
bone scan 195  
bone sialoprotein 396  
bosentan 788  
Bowen's disease 1375  
BRAF 1403  
brain tumours 1889  
BRCA1 1256, 1285  
BRCA1-defective cells 1285  
BRCA1 protein 1263  
BRCA2 933, 1256  
breast 362, 702, 1339  
breast and prostate cancer 438  
breast cancer 50, 58, 125, 277,  
406, 470, 491, 574, 630, 675,  
711, 832, 863, 871, 944, 1047,  
1065, 1077, 1084, 1091, 1168,  
1207, 1256, 1310, 1318, 1358,  
1400, 1587, 1708, 1900  
breast cancer diagnosis 832  
breast cancer resistance protein  
879  
breast cancer risk 1394  
breast cancer screening 1708  
breastfeeding 1035  
breast hereditary cancer 1285  
breast imaging 4  
breast implants 832  
breast self-examination 1047  
breast tumours 102, 579, 832  
bromodeoxyuridine 895  
Burkitt's lymphoma 1566  
butyrate 748  
bystander effect 767
- c-erbB-2 711  
*c-fos* 1143  
*c-kit* 1157  
*c-myc* 1143  
C4.4a 579  
CA-19-9 1248  
calcitonin 1537  
cancer immunotherapy 1292  
cancer mortality 689  
cancer registries 1693  
cancer susceptibility 487  
cancer therapy 613  
capecitabine 782  
CAR 1411  
carbonic anhydrase 1065  
carcinogenesis 733, 740, 1217,  
1501, 1734  
carcinosarcoma 654  
cardiotoxicity 1507  
carotenoid 1381  
case-control studies 58, 373,  
672, 1702
- caspase-3 1615  
caspase-8 1527  
caspase-9 1971  
caspase-activated DNase 210  
caspases 910, 1800  
catabolism 613  
caveolin-1 1234  
CCR2 855  
CD24 231  
CD26/DPPIV 455  
CD34 selection 1874  
CD40 1527  
CD40L 586  
CDH1 1932  
CDKN2A 1920  
CEA 1248  
cell cycle 455, 1417, 1470, 1649  
cell cycle arrest 388, 754  
cell death 613  
cell death assays 125  
cell invasion 1111  
cell nucleolus 1942  
cell proliferation 775  
cervical cancer 63, 1054, 1095,  
1213, 1388, 1584, 1713  
cervical cancer screening 42,  
560, 1570  
CGH 1578  
chemokines 855, 1772  
chemoprevention 803, 1480  
chemoradiation 1352  
chemoradiotherapy 18  
chemoresistance 624  
chemotherapy 25, 167, 181, 187,  
491, 496, 654, 1025, 1084,  
1180, 1185, 1199, 1248, 1352  
Child Health Questionnaire  
1185  
childhood cancer 373, 382,  
1035, 1661  
childhood leukaemia 695, 775,  
1939  
childhood solid tumours 1370  
children 1693  
chimeric 1119  
chimeric receptor 1292  
CHO-K1 327  
cholecystectomy 79  
chromogranin 1746  
chromosome 9 1578  
chromosome aberrations 548,  
1939  
chronic disease 1851  
chronic lymphatic leukaemia 74  
chronic lymphocytic leukaemia  
593  
circumferential resection  
margin 1017  
circumin 1480  
cirrhosis 733  
CISH 1587

## Keyword index

- cisplatin 25, 814, 951, 1199, 1285, 1516  
cisplatin-resistance 1327  
citrulline 613  
clear cell ovarian 1578  
clinical trials 1128, 1661  
CML 983  
cohort study 684  
collagen crosslinks 1105  
collateral sensitivity 1963  
collusion 839  
colon 895  
colon adenomas 79, 748  
colon cancer 79, 530, 788, 803, 937, 1445, 1755, 1995  
colorectal cancers 206, 413, 648, 726, 1038, 1044, 1598, 1859, 1909  
combination chemotherapy 1942  
comet assay 895  
communication 666  
communication skills 502, 658  
comparative genomic hybridisation 1914  
confocal microscopy 146  
cost-effectiveness 31  
costimulatory molecules 1527  
coumarin derivatives 1111  
COX inhibitors 1143  
COX-2 574, 1631, 1217  
CpG island 109, 413  
CpG methylation 521  
CPG2 1622  
CPT-11 1979  
crossreactivity 202  
CXCR-4 1631  
cyclin 1417  
cyclin B1 257  
cyclin D1 257  
cyclin D2 1560  
cyclin-dependent kinase inhibitors 1277  
cyclin E 1914, 1956  
cylooxygenase-2 1445, 1598  
cyclosporin 973  
CYFRA 21-1 1894  
CYP17 933  
CYP1A1 599  
CYP3A4 928  
CYP19 675  
CYPIBI 675  
cystine 951  
cytodiagnosis 1740  
cytokines 630, 1207, 1772  
cytological techniques 1883  
cytology 702  
cytology performance 1570  
cytoprotection 754  
cytoskeleton 1793  
cytotoxic medium conditioning 447  
Dacarbazine 132, 496  
darbepoetin alpha 1851  
decision making 1675  
delayed reproductive death 548  
deletion spectrum 90  
demethylation 1560  
denaturing HPLC 1889  
*de novo* carcinoma 1866  
deoxycytidine kinase 1963  
depression 658  
deprivation 613  
desmoid tumour 645  
detection 1358  
DFF 210  
DFF-B 210  
DHPLC 270  
diagnosis 354, 516, 839, 1175, 1239, 1358, 1878  
diet 84, 689, 1381, 1682  
DMXAA 1160, 1844  
DNA adducts 470  
DNA damage 599  
DNA double strand breaks 1251  
DNA fragmentation factor 210  
DNA methylation 1932  
DNA-ploidy 31  
DNA repair 1939  
DNA replication 895  
DNA sequence 1403  
docetaxel 11, 1168, 1335, 1339, 1669  
documentation 839  
dorsal root ganglion 1942  
doxorubicin 1281, 1285, 1956  
DPC4 420  
drug resistance 775, 951, 973, 983, 1793, 1956  
dwelling time 1866  
dysadherin 726  
dysphagia 18  
dystroglycan 579  
E1B-deleted 1492  
early breast cancer 96  
E-cadherin 718, 1727  
ECM 1470  
EGF binding 1327  
*Egr-1* 1143  
electrochemotherapy 1763  
electromagnetic fields 1939  
electroporation 1763  
endocrine tumours 1746  
endogenous hormones 1394  
endometrial cancer 245, 1175  
endometrial thickness 1175  
endosomal/lysosomal acidification 1327  
endothelial cells 307, 1484  
endothelin 788  
endothelin-1 163  
Ep-CAM 574  
epidemiology 63, 74, 382, 679, 684, 695, 1032, 1370, 1682, 1687, 1698  
epidermal growth factor 796  
epithelial cancers 1501  
epithelial ovarian carcinoma 237  
Epstein-Barr virus 1566  
ErbB2 396  
erythropoietin 988, 1851  
ethnicity 277  
*E. tirucalli* 1566  
Etoposide 25, 132  
Ewing's sarcoma 137  
EWS 137  
exercise 679  
explant 767  
external-beam radiation therapy 645  
extracellular matrix 871, 1248  
extrahepatic bile duct carcinoma 1234  
familial 1256  
Fas 1301  
fascin 537  
FasLigand 788  
febrile neutropenia 181  
FGF8b 1432  
FHIT 1501  
Fhit expression 1213  
fibrin 718  
fibromatosis 645  
fibulin 871  
fine-needle aspiration 354, 699, 702  
FISH 1432, 1587  
Flanders 560  
Fli-1 137  
fluid-based specimen 1883  
fluid-phase/receptor-mediated endocytosis 1327  
fluoropyrimidines 648  
fluorouracil 1017, 1510, 1859  
folinic acid 1859  
food additives 940  
formulation 50  
Foscan 283  
Foscan® 146  
fotemustine 496  
fragile sites 1501  
fruit 1388  
fruit and vegetables 689  
ftorafur 957  
functional screening 910  
fusion proteins 1622  
 $\gamma$ -radiation 388  
G1/S transition 1417  
G2 arrest 1470  
G<sub>2</sub>-M 455  
gallstones 79  
gastric cancer 796, 1560, 1909, 1914  
gastrin-releasing peptide 1808  
gastrointestinal tract 1746  
gelsolin 606  
gemcitabine 491, 1963  
gene amplification 1587  
gene expression profiles 1058  
gene-gene interaction 928  
gene therapy 1492  
genetic counselling 1675  
genetic markers 1740  
genomic instability 548  
genotoxic agents 298  
glioblastoma multiforme 496, 516  
glioma 463, 496, 1277, 1411, 1439  
glutathione 951  
Goseki classification 401  
GPCR 567  
growth factor 1522  
GSK-3 $\beta$  1470  
GST genotypes 58  
guidelines 1191  
haem oxygenase 902  
haematogenous dissemination 1900  
haemodialysis 25  
hAG-2 579  
hAG-3 579  
head and neck cancer 1012, 1217, 1740  
health-related quality of life 1185  
health services 1025  
Health Utilities Index 1185  
height 1038  
HeLa 613  
HELG 1909  
*Helicobacter pylori* 1239  
hepatic stellate cells 733  
hepatitis viral infection 521  
hepatoblastoma 373  
hepatocellular carcinoma 210, 521, 1878, 1909  
hepatocytes 733  
hepatoma 973  
hepatoma-specific band of serum gamma-glutamyl transferase 1878  
HER-2/neu 1292  
HER2 1032, 1587  
hereditary tumours 1285  
hierarchical clustering 510  
high-dose chemotherapy 1831, 1874  
high-grade osteosarcoma 1925  
hip implants 548  
histidine triad 1501  
histological type 1866  
histology 843  
HIT 1501  
HMGI-C 1406  
*hMLH1* 521  
Hodgkin's disease 1335  
Hoechst 33342 1979  
homing 855  
hormone factor risk 1032  
hormone responsiveness 1071  
HPV 16 serology 1095  
HPV 251, 1213  
HPV testing 42, 1570  
*hTERT* 516  
human Mdm2 636  
human neuroblastoma 1527  
human papillomavirus (HPV) 63, 560, 1713, 1883  
human sterol isomerase 438  
Hybrid Capture II 1883  
hyperammonia 447  
hypermethylation 109, 1560  
hyperthermia 1839  
hypoxia 120, 307, 718, 1065, 1439

- IAPs 1077  
 IDN 5390 965  
 ifosfamide 1168  
 IGF-I 1682  
 IGF1 277  
 IGFBP-3 1682  
 IkB $\alpha$  624, 1615  
 IkB kinase- $\alpha$  1598  
 IL-10 1605  
 IL-12 1453  
 IL-2 320  
 ILK 1470, 1755  
 image analysis 1439  
 image processing 1453  
 imatinib 983, 1157  
 immunocytochemistry 537  
 immunoglobulin gene 593  
 immunohistochemistry 231, 726, 1077, 1223, 1234, 1263, 1587, 1598, 1727, 1734  
 immunoreactivity 1432  
 immunostaining 257  
 immunotherapy 175, 348, 1135, 1346, 1641  
*in situ* carcinoma 1375  
*in situ* DNA synthesis 257  
*in vivo* electroporation 1763  
 independent prognostic factor 1406  
 induction 11, 1339  
 inflammation 1207, 1772  
 inflammatory breast cancer 718  
 iNOS 120  
 insulin 263  
 insulin-like growth factor-1 277  
 insulin-like growth factor-2 733  
 interleukin-2 1641  
 interleukin 6 630  
 interleukin-12 1641  
 interstitium 291  
 intracellular localisation 146  
 intrahepatic cholangio- carcinoma 1894  
 intrapleural therapy 1839  
 invasion 463, 1631  
 invasiveness factors 1207  
 ionising radiation 1785, 1800  
 irinotecan 335, 1180, 1516  
 ischaemia-reperfusion injury 760  
 isolated hepatic perfusion 314  
 Jak-STAT1 signalling 1995  
 Japanese 1038  
 Jurkat 455  
 Kaposi's sarcoma 1  
 kidney 327  
 kidney cancer 84  
 KOC 699  
 KOC RNA binding protein 887  
 KRAB 137  
 kringles 1–5 1492  
 KSHV/HHV-8 1  
 Ku80 202  
 L1210 613  
 lactacystin 120  
 LAR 1223  
 large bowel cancer 84  
 lauryl gallate 940  
 LDB1 1543  
 leiomyosarcoma 510  
 leptomycin B 636  
 LIM 1543  
 limited proteolysis 636  
 linkage analysis 1920  
 lip cancer 1702  
 lipid droplets 1439  
 literature review 63, 1721  
 liver metastases 314  
 LMO4 1543  
 LOH 251, 270, 1578  
 long-term survival 496, 1666, 1900  
 longitudinal study 689  
 loss of heterozygosity (LOH) 420, 1889  
 low-dose aspirin 684  
 lung cancer 606, 808, 887, 1025, 1229, 1727  
 lung resistance-related protein 879  
 lymph node 553, 702  
 lymph node metastasis 237  
 lymphadenopathy 354  
 lymphodepletion 1874  
 lymphoma 132, 553  
 lymphopenia 181  
 macromolecule uptake 291  
 macrophage inhibitory factor-1 1101  
 magnetic resonance imaging 1017, 1135  
 magnetic resonance mammography 4  
 male and female breast cancer 933  
 malignancy 354  
 malignant fibrous histiocytoma 510  
 malignant melanoma 74, 175, 1358  
 malignant mesothelioma 1553  
 malignant neoplasms 362  
 malignant pleural mesothelioma 167  
 mammary carcinoma 1995  
 mammography 362  
 mannose 6-phosphate/insulin-like growth factor-2 receptor 733  
 MAP kinase 748  
 marker 1065, 1191  
 marker genes 1091  
 Markov model 1866  
 maspin gene expression 863  
 mast cells 1157  
 matrix metalloproteinases 1318, 1445, 1553  
 MCF-7 567, 599, 1310  
 MDA-MB-231 cell line 944  
 medullary thyroid cancer 1537  
 MEK 848  
 melanoma 132, 291, 424, 1157, 1381, 1403, 1920  
 melphalan 314  
 memory T cells 223  
 mesothelioma 1839  
 mesothelioma cells 388  
 meta-analysis 1047, 1191  
 metabolism 782  
 metastases 702  
 metastasis 96, 491, 537  
 metastatic breast cancer 1406, 1631, 1669, 1721  
 metastatic colorectal cancer 1248  
 methylation 217, 413, 463  
 MGMT 521  
 MHC II 424  
 microarray 510, 1995  
 microbeam 767  
 microcirculation 1462  
 microdialysis 782  
 microsatellite instability 413  
 microsatellite repeats 1740  
 microsatellites 1925  
 microspectrofluorometry 146  
 microtubules 1793  
 microvasculature 291  
 microvessel density (MVD) 314, 1424, 1900  
 midkine 1522  
 migration 1484  
 minichromosome maintenance (McM) proteins 257  
 mistletoe lectin 1785  
 mitogenesis 567  
 mitomycin 1516  
 mitosis 1649  
 mitotic cell death 1763  
 mitoxantrone 491  
 MMP-2 1248  
 molecular target 1522  
 monoclonal antibody 996  
 monocytes 1207  
 mortality 1047  
 mouse fibrosarcoma 760  
 MRI 478, 1592  
 mRNA 206  
 MtDNA 90  
 mucositis 1012  
 multicentre phase II study 1346  
 multidrug resistance 879, 1963  
 multidrug resistance-associated protein 1 879  
 multiple intestinal neoplasia 1445  
 multiple myeloma 855  
 multiple skin cancers 1375  
 multivariate analysis 1721  
 mutant p21 530  
 mutations 109, 206, 1271, 1403, 1584, 1909  
 N15 antibody 202  
 naïve T cells 223  
 napsin 1229  
 nasopharyngeal carcinoma 187  
 N-cadherin 1727  
 negative screening 1054  
 neoadjuvant chemotherapy 187, 406, 1017, 1339  
 neoplasms 988, 1358  
 neoplastic cells 918  
 neovascularization 102  
 nervous system tumours 109  
 NESP55 1746  
 neuroblastoma 478, 1522, 1641, 1874  
 neurokinin receptor antagonists 1823  
 neuropilin 796  
 neurotoxicity 1942  
 nevus density 1920  
 NF- $\kappa$ B 120, 153, 624  
 NHEJ 1251  
 nitric oxide 902, 1484  
 nitroimidazole 307  
 NK<sub>1</sub> antagonists 1823  
 non-Hodgkin's lymphoma 74, 1335  
 nonplatinum regimen 342  
 non-small-cell lung cancer 231, 335, 537, 814, 1666  
 nonviral vectors 1641  
 normal prostate NPTX 1532  
 cells 1605  
 Northern Ireland 1256  
 NSAIDs 803, 1687  
 nuclear factor- $\kappa$ B 1598  
 nuclear localisation 115  
 ODC 1143  
 oesophageal cancer 18, 1095, 1549  
 oesophageal squamous cell cancer 115, 1217, 1734  
 oestrogen 50  
 oestrogen receptor 579, 871, 1071  
 oncological interviews 502  
 oral 648  
 oral contraceptives 50, 1713  
 oral leukoplakia 366  
 oral route 965  
 oral squamous cell carcinoma 1105  
 oral submucous fibrosis 366  
 ornithine 613  
 ornithine cycle 447  
 oropharyngeal carcinoma 1095  
 osteoclast 1318  
 osteosarcoma 396, 1995  
 ovarian cancer 470, 654, 666, 839, 848, 1780  
 ovary 1828  
 oxaliplatin 1942  
 oxidative stress 902  
 oxygen 1462  
 p14 217  
 p16 217  
 p21 protein 754  
 p21<sup>ras</sup> 1971  
 p27<sup>KIP1</sup> 1277  
 p53 251, 298, 636, 1281, 1310, 1492, 1649, 1785, 1925

- p53 gene 1271, 1740  
 p53 protein 754, 1793  
 p63 740  
 paan chewing 1388  
 paclitaxel 1285, 1649, 1942  
 paediatric population 1925  
 PAI-1 96  
 pancreas 1746  
 pancreatic cancer 217, 530, 679,  
   1180, 1971  
 pancreatitis 217  
 parental smoking 373  
 pathology 654  
 patient 1119  
 patient information 1661  
 patient–physician relationship  
   658  
 pediatric 1185  
 penile carcinoma 1095  
 pepsinogen 1239  
 peptide vaccination 530  
 perfusion 291, 1439, 1979  
 perilesional skin 90  
 peripheral blood progenitor cell  
   transplantation 1831  
 peritoneal cytology 245  
 PF regimens 11  
 pharmacodynamics 1160  
 pharmacokinetics 283, 782, 814,  
   1160, 1942  
 phase I study 1128, 1168, 1844  
 phase II study 491  
 phase II 648  
 phenylacetate carboxymethyl  
   benzylamide dextran  
   (NaPaC) 1987  
 Phortress 470  
 phosphohistone H3 257  
 phosphoinositides 606  
 photodynamic diagnosis 1780  
 photodynamic therapy (PDT)  
   283, 432, 760, 1772  
 physical activity 679  
 physicians' locus of control 502  
 PKC 606, 748  
 plasminogen 1492  
 plasminogen activation  
   inhibitor type 2 944  
 platinum 1128  
 platinum DNA adducts 814  
 pleural malignancies 1839  
 PMN-elastase 1084  
 polymerase chain reaction 1883  
 polymorphism 263, 928  
 population-based cohort study  
   382  
 population mixing 1370  
 prediction 1091  
 predictive markers 406  
 predisposing 988  
 prevention 1687  
 primary cells 1071  
 primary liver carcinoma 1894  
 progestin 50  
 prognosis 18, 102, 237, 348, 516,  
   537, 574, 593, 726, 1065,  
   1191, 1549, 1553  
 prognostic factors 1199, 1510,  
   1537  
 prognostic markers 31, 115, 586,  
   1077  
 prognostic value 401, 863  
 prolactin 1301  
 prolactin receptor 1301  
 proliferation 613, 767, 1143,  
   1484  
 proliferation inhibition 438  
 prophylactic mastectomy 1675  
 prophylaxis 1507  
 prospective study 1394  
 prostaglandin E<sub>2</sub> 630  
 prostate cancer 31, 195, 263,  
   822, 928, 1101, 1358, 1432,  
   1615, 1682  
 proteasome 636  
 protein 1417  
 protein induced by vitamin K  
   absence or antagonist II  
   1878  
 protein kinase C alpha 1400  
 protein tyrosine kinase inhibitors 940  
 protein–tyrosine kinase 1058  
 proteolysis 871  
 protoporphyrin IX 1462  
 protracted intravenous infusion  
   1859  
*Pseudomonas* exotoxin 1327  
 psychological stress 1698  
 psychosocial impact 42  
 PTHRP 567  
 PTP 1223  
 pyridinoline 1105  
 quality of life 988  
 quantitative RT–PCR 1101  
 quinazolines 1615  
 radiation 487  
 radiosensitivity 120, 1470, 1251  
 radiotherapy 187, 828, 1012,  
   1017, 1025, 1251, 1352, 1584  
 radiotherapy fractionation 711  
 railways 695  
 raltitrexed 1180  
 randomised phase III trial 335  
 rat fibroblasts 1956  
*RAY1* 1909  
 Rb 1925  
*RB1* gene 109  
 real-time PCR 516, 1091  
 real-time RT–PCR  
   quantification 863  
 receptor 1119  
 receptor radiotherapy 645  
 recombinant fusion proteins  
   937  
 records 839  
 relapse-free survival 1537  
 relative risk 1054  
 renal-cell carcinoma (RCC) 348,  
   1346, 1417, 1516, 1800  
 renal insufficiency 25  
 repressor 137  
 resection margin 1549  
 residual neoplasms 843  
 response biomarker 1592  
 response to therapy 1084  
 retinoic acid 1058  
 retinol 1381  
 retrovirus 1119  
 RhoA 1631  
 risk 348, 684, 1687  
 risk factors 79, 181, 366, 672,  
   1702  
 risk model 181  
 risk perception 1675  
 ruthenium(III) 1484  
 S-1 648  
 S-phase arrest 599  
 Sant 7 630  
 Scotland 1256  
 SDF-1 1631  
 seasonal variation 1358  
 second-line treatment 1180,  
   1828  
 self-efficacy 658  
 senescence 463  
 sequential-triplet chemotherapy  
   342  
 sex behaviour 666  
 sex ratio in offspring 382  
 sigma receptors 438  
 signal transduction 796, 1281  
 signal transduction pathways  
   1800  
 signalling 153  
 silicone 832  
 single nucleotide polymorphism  
   1734  
 skin cancer 90  
 Smad 1615  
 Smad4 420  
 smoking 366  
 soft tissue sarcoma 510  
 solid tumours 1831  
 soluble CD105 1424  
 somatic hypermutation 593  
 somatostatin 132  
 South Africa 1361  
 SP-G 1808  
 specialisation 1708  
 spectroscopy 478  
 spermatogonia 828  
 spheroid model 463  
 sporadic breast cancer 1263  
 squamous cell carcinoma 63  
 squamous cell carcinoma of the  
   head and neck 11  
 SR31747A 438  
 ST7 1909  
 staging 1105  
 standardised incidence ratio  
   1666  
 standardised mortality ratio  
   1666  
 statistical methods 1693  
 statistical models 843  
 stratification 348  
 substance P 1823  
 substance P analogues 1808  
 sun exposure 1702
- surfactant protein 1229  
 surgery 1025, 1549  
 survival 348, 1025, 1693, 1698,  
   1708  
 survival-analysis 102, 1191  
 survival rate 1721  
 survivin 1077  
 survivin expression 115  
 synovial sarcoma 510  
 synthesis 1948  
 systematic review 1191  
 tamoxifen 1084, 1175  
 tamoxifen resistance 1400  
 tandem duplications 90  
 targeted α therapy 944  
 targeting 1622  
 taxanes 965, 1339  
 Taxol 973  
 T-cell homeostatic proliferation  
   1874  
 T-cells 530  
 TCF 1932  
 telomere length 593  
 temozolomide 175  
 tenascin 996  
 testicular biopsy 828  
 testicular cancer 36  
 testicular germ-cell tumours  
   879  
 testicular intraepithelial  
   neoplasia 828  
 testicular neoplasms 828  
 testis 843  
 TGF-β1 1615  
 TGF-β 420, 1424  
 thalidomide 822  
 therapeutic vaccine 887  
 thymidine kinase 1963  
 thymidine phosphorylase 957  
 thymidine phosphorylase  
   inhibitor 957  
 thyroid cancer 1223, 1358  
 TIL 320  
 time course 1510  
 time-lapse microscopy 1310  
 TIMP-1 1248, 1605  
 tissue exposure 782  
 tissue microarray 231, 1417  
 T lymphocyte 1119  
 TNF-α 314  
 tobacco 1702  
 tocopherol 1381  
 tomudex 624  
 topoisomerase I 1310  
 topoisomerase I inhibitor 808  
 topoisomerase II α 455  
 topoisomerase II inhibitor 808  
 topotecan 1310  
 toxicity 181, 1160, 1199, 1831  
 TP53 848  
 TRAIL 153, 298, 910, 918, 1800  
 TRAIL receptors 298  
 transport mechanisms 291  
 transporter 951  
 transvaginal ultrasonography  
   1175  
 trifluorothymidine 957

**Keyword index**

- TT-232 132  
TTF-1 1229  
tumor antigen 887  
tumorigenesis 420  
tumour angiogenesis 1987  
tumour delivery 1979  
tumour growth 163, 902, 1111, 1808  
tumour immunosuppression 320  
tumour marker 396, 699, 1522, 1894  
tumour metastasis 327  
tumour perfusion 1592  
tumour response 406  
tumour suppression 606  
tumour suppressor 1411, 1501
- tumour-suppressor gene 1909  
tumour targeting 937  
tyrosine phosphorylation 1605
- ultrasound 354, 702  
uPA 96  
upper aerodigestive tract cancer 672  
urea/bisulphite sequencing 521  
urinary sex steroids 1394  
urothelium 740, 767
- vaginal and vulvar cancer 1095  
validity 843  
vascular damage 283  
vascular endothelial growth factor (VEGF) 796, 1987
- vascular phenotype 553  
vascular regression 553  
vascular targeting agents 1592  
vegetables 1388  
VEGF 1622  
VEGF-C 237  
VEGF-D 237  
VEGFR-3 237, 1453  
VIN 251  
vinorelbine 1281  
viral gene expression 1566  
visible reflectance spectroscopy 760  
vitamin D receptor 928  
vitamin E analogues 1948  
vitamin E succinate 153  
vulval cancer 251
- vulval intraepithelial neoplasia (VIN) 257
- warts 1702  
weekly chemotherapy 808  
women 1381
- X-rays 447  
xanthine oxidase 760  
xenograft 478
- $\zeta$  chain 223  
ZD6126 1592  
zoledronate 1971  
zoledronic acid 1971  
zometa 1971