

Keyword Index for Volume 102

- 3-phosphoinositide-dependent protein kinase 1 104
- 5-fluorouracil 475, 1254, 1483
- 8-oxodG 1018
- α-tocopheryl succinate 1224
- α-trinisolit 833
- ABCG2 1276
- acoustic neuroma 1654
- acquired resistance 383
- actomyosin contractility 392
- ADCC 520
- adenocarcinoma 1692
- adenoma 765
- adenovirus 796
- adipocytes 403
- adipose tissue 1541
- AdnaTest 276
- advanced breast cancer 1341
- advanced disease 1687
- advanced gastric cancer 475
- advanced oesophageal cancer 475
- adverse events 80
- AEE788 1235
- AFP 748
- Africa 957
- African breast cancer 369
- aftercare 1447
- Akt 1163
- AKT1 1491
- alanine aminotransferase 1371
- albumin 1113
- ALDH1 369
- alternative fusion gene 436
- Amsterdam II criteria 482
- anaemia 301
- anaesthesia 1555
- anal cancer 1123
- angiogenesis 8, 196, 530, 837, 1524, 1592, 1636
- angiogenesis inhibitors 268
- animal welfare 1555
- anoxia 561
- anti-angiogenic 495, 594
- antibody 500, 827
- anti-EGFR therapy 151
- anti-neoplastic 1361
- anti-TPO antibodies 852
- anti-tumour activity 1099
- APE1 704, 1600
- apoptosis 97, 104, 165, 383, 506, 577, 583, 873, 1010, 1474, 1592, 1707, 1717
- arachidonic acid 403
- aromatase 1235
- AS1402 827
- ascorbic acid 1224
- Asian continental ancestry group 1438
- aspirin 1415
- assessment of treatment response 35
- attributable fraction 1428
- autotaxin 941
- β43–63 594
- β-catenin mutation 1032
- Barrett's oesophagus 1608
- basal-like 369
- BC 815
- Bcr-Abl 1474
- betaine 489
- bevacizumab 80, 268, 495, 981, 1468
- biliary tract cancer 68, 1185
- bilirubin 1371
- bioinformatics 1244
- biomarkers 8, 268, 361, 462, 1174, 1378, 1524
- birth order 1670
- birth weight 227
- bispecific antibody 124
- bisphosphonates 799
- BiTE 124
- Blacks 1676
- bladder cancer 883
- BMI-1 369, 892
- body mass index 610, 966
- bone diseases 651
- bone loss 645
- bone marrow 403
- bone metastasis 332, 457
- bone mineral density (BMD) 294, 645
- BRAF 151, 1724
- BRAF mutations 1762
- BRAF oncogene 482
- brain 1219
- brain metastasis 1213
- brain tumour 1786
- BRCA1 1061, 1091
- BRCA2 1091
- BRD8 325
- breast cancer 35, 42, 213, 220, 276, 342, 351, 361, 462, 489, 645, 799, 827, 941, 1003, 1010, 1024, 1081, 1099, 1235, 1284, 1294, 1461, 1495, 1503, 1645, 1665, 1736
- breast cancer risk 1400
- breast imaging 35
- breast neoplasms 651, 1391
- breast screening 285
- brucein D 583
- C1QA 1294
- C20orf20 (MRGBP) 325
- CA4P 1355
- cachexia 665, 833
- cancer burden 1428
- cancer incidence 620
- cancer incidence trends 1411
- cancer screening 1085
- cancer stem cell 789
- cancer survivors 1085
- capecitabine 59, 475, 981, 987, 995, 1468, 1687
- carbonic anhydrase IX 1627
- carboplatin 1355
- carcinoembryonic antigen 124
- carcinogenesis 1391, 1428
- carcinoma 1533
- case-control 615, 799
- CCBE1 87
- CCSQ-FACIT 59
- CD133 1265
- CD24 206
- CD-31 530
- CD44 206
- Cdc25A 1361
- CDK 342
- CECs 268
- cell cycle 873
- cell flow experiments 602
- cell lines 553, 898, 1618, 1769
- cell migration 1145
- cell proliferation 325
- cell-cycle arrest 1578
- CellSearch System 276
- cellular adhesion 1541
- cellular FLICE inhibitory protein (c-FLIP) 754
- cervical cancer 23, 196, 933, 1657
- cervical screening 933, 1405
- cetuximab 162, 500, 520, 1137
- chemoradiation 1123
- chemoresistance 1717
- chemosensitivity 541
- chemotherapy 115, 294, 500, 629, 810, 1099, 1106, 1313
- childcare 1670
- childhood cancer 620, 1670
- childhood leukaemia 796
- Child-Pugh 748
- chimeric protein 436
- Chinese 610
- CHK1 862
- chloride channel 4 774
- Choi criteria 803
- choline 489
- chromosomal translocation 436
- chromosome 243
- chromosome aberration 1044
- CIN 933, 957
- circulating biomarker 577
- circulating tumour cells 276, 561, 1327, 1495
- cisplatin 383, 475
- class III β-tubulin 316
- clonogenicity 1145
- CML 1474
- c-myc 892
- CNS disease 995
- CNS lymphoma 673
- CNS tumour 1670
- cohort 489
- colon cancer 165, 754, 1145, 1265, 1753
- colony survival 1578
- colorectal adenocarcinoma 1384
- colorectal cancer 48, 59, 151, 162, 325, 447, 506, 765, 774, 908, 916, 972, 1254, 1327, 1519, 1746
- colorectal liver metastases 1313
- colorectal neoplasms 1468
- colorectal tumour 693
- combtrestatin A4 phosphate 1355
- conjunctiva 262
- contralateral breast 213
- copy number 1378
- cost 80
- COX-2 916
- CRC 1137, 1300
- C-reactive protein 1113
- CSC 1265
- cumulative risk 42
- cutaneous melanoma 1213, 1447
- cyclin D1 1378
- cyclin D1 expression 1762
- cyclooxygenase-2 765
- cyclophosphamide 1003
- cyclophosphamide, vincristine, and prednisone 19
- CYP2D6 294
- cytarabine 673
- cytokeratin 18 577
- cytology 933, 1180, 1405
- cytolytic killing 124
- cytomegalovirus 1665
- cytotoxicity 852
- DASL 570
- DBC1 1061
- DCIS measurement 285
- DDC 1384
- death receptor 5 (DR5) 754
- dendritic cells 115
- DHMEQ 206
- diagnostic accuracy 48, 181
- diagnostic imaging 651
- dichloroacetate 1746
- differential allelic expression 1294
- digalloyl-resveratrol 1361
- discrete choice experiment 972
- disease-free survival 719
- distant relapse 428
- DNA arrays 462
- DNA damage 862, 1578
- DNA methylation 419
- DNA ploidy 1608
- DNA repair 1018
- docetaxel 475
- doxorubicin 361, 1003

Keyword index

- drug resistance 1265, 1276, 1636
 drug target 1265
 drug-interaction 1699
 dynamic contrast-enhanced MRI 23
- E17K 1491
 E2F1 protein 1753
 E6/E7 mRNA 957
 early detection 1681
 early growth response gene-1 (Egr-1) 754
 early-stage cervical cancer 1692
 EG3287 541
 EGF 457
 EGFR 144, 165, 500
 EGFR pathway 1778
 ELISA 1524
 EMT 639
 encapsulated follicular thyroid tumour 376
 endometrial cancer 134, 952, 1201
 endothelial 594
 enhanced retroviral mutagenesis 774
 enhancing fraction 23
 epithelial tumours 436
 epithelial-to-mesenchymal transition (EMT) 351, 844, 898
 Epstein–Barr virus 1665
 ERBB 457
 ErbB2/Her2 513
 ERCC1 1600
 ERG/ETV1 gene rearrangements 678
 erlotinib 268
 erythropoiesis-stimulating agent 301
 E-selectin 602
 ethnicity 249
 EWS-Oct-4B 436
 exfoliated cell 916
 exome 243
 expression profile 1769
 extracellular matrix 1541
- faeces 916
 familial breast cancer 42, 1091
 familial risk 1786
 family history 237, 1091, 1676
 fatty acids 1736
 FDG-PET 35
 FGFR3 1145
 fibrinogen 594, 952
 fibroblast 1533
 fibroblast growth factor receptor 188
 fibromatosis 1032
 FISH 1495
 fluorescence in situ hybridisation 678
 Folate receptor α 553
 follicular adenoma 376
 follicular lymphoma 19
 follicular thyroid carcinoma 376
- follow-up 1447
 formylpeptide receptor 1052
 fracture risk 645
 FSCN1 883
 fundamental and translational research 1555
- γ H2AX 1511
 G protein-coupled receptor 941
 gabapentin 1024
 gallstones 1185
 gastric cancer 237, 500, 665, 710, 738, 1174
 gastro-oesophageal cancers 704, 1600
 Gb3 383
 gene amplification 693
 gene expression 361, 414, 428, 1284, 1636
 gene expression profiling 206
 genetic instability 1300
 genetically engineered mouse models 1555
 genome 243
 genotyping 930
 gestational age 227
 glioblastoma 1052
 GPRD 1415
 grandmaternal age 1400
 GSTP1 987
 GTN 810
 guidelines 645
- haemostasis 594
 HCC 748, 1618
 hCG 810
 head and neck cancer 181, 1687
 health transition 1438
 health-related quality of life 19, 658
 hedgehog signalling pathway 738
 hepatocellular carcinoma 981, 1483
 HER2 815, 1495
 Her2+ metastatic breast cancer 995
 HER2 signalling 1503
 HIF 789
 high-dose chemotherapy 673
 high-grade dysplasia 1608
 histologically normal epithelium 1284
 histone γ H2AX 1578
 HLA1 115
 HNPCC 1068
 HNSCC 1778
 Hospital Discharge Registry 1397
 housekeeping genes 1037
 HPCs 268
 HPV 930, 1657
 HPV DNA 957
 HPV testing 1405
 HPV vaccination 933
 HuHMG1 827
 human papillomaviruses 262, 1044
- human tumour xenografts 1555
 humane endpoints 1555
 hyperthyroidism 1397
 hypoxia 351, 428, 561, 789
 hypoxia inducible factor (HIF) 351
 hypoxia resistant 898
- Id-1 332
 IE63 727
 IFN- α 873
 IFN- γ -producing cells 748
 ifosfamide 1699
 IL-21 520
 image cytometry 1608
 imaging 1555
 imaging biomarkers 23
 imaging techniques 1555
 imatinib 1219
 imiquimod 1129
 immunohistochemistry 144, 181, 553, 704, 892, 1018, 1157
 immunoinflammation 73
 ImmunorNase 513
 immunotherapy 115, 513, 852
 immunovisibility 115
 in silico 414
 industry sector 1428
 infectious disease 1670
 inflammation 941, 1113, 1180
 informing patients 1081
 inositol polyphosphates 104
 insulin-like growth factor-binding protein 7 (IGFBP7) 1483
 integrin 541
 interaction 1061
 interferon 1456
 interferon- α 1483
 intergenic and intronic DMR 419
 International Neuroblastoma Risk Group (INRG) 1319
 Internet support 1348
 intraductal 1391
 intravital microscopy 837
 invasion 196, 392, 774, 1052
 ionising radiation 1511
 irinotecan 987
 IVIS 1618
- joinpoint analysis 1411
 kallikrein 1244
 Ki-67 1106, 1391, 1645
 Ki-67 antigen 1753
 kidney cancer 1676
 KIT 1219
 KLK 1244
 KRAS 151, 693, 1254
 KRAS mutation 500
- lapatinib 995
 LASP-1 1645
 L-DOPA decarboxylase 1384
 letrozole 1010, 1235
 leukaemia 620
 linear two-compartment 827
 lipid 403
- liver metastases 255
 liver resection 255
 LMWH 837
 locoregional control 1778
 long-term follow-up 1123, 1405
 luminal 815, 1736
 lung cancer 27, 610, 1180, 1190, 1495, 1533, 1681, 1731
 lymph node positive 1024
 lymphendothelial retraction 1361
 lymphoma 620
 Lynch syndrome 482
 lysophosphatidic acid 941
- M30 577
 M65 577
 macrophage inhibitory cytokine 1 665
 magnetic resonance spectroscopy 1
 malignancy 727
 malignant melanoma 1157
 malnutrition 966
 mammographic screening 1461
 management 80
 mapatumumab 506
 mass screening 27, 469
 mass spectrometry 1265
 maternal age 1400
 matrix remodelling 392
 MCF-7 cells 316
 MDA-MB-231 cells 316
 MDR1/P-gp 1157
 MeDIP-chip 419
 megestrol acetate 1207
 melanoma 1219, 1707, 1724
 MEPE/OF45 862
 mesothelioma 383, 553
 meta-analysis 301, 428
 metabolism 1
 metalloproteinase 457
 metastasis 403, 561, 602, 867, 1618
 metastatic colorectal cancer 987, 1762
 metastatic models 1555
 metastatic renal cell carcinoma 658
 metastectomy 255
 method validation 1524
 methotrexate 673
 metronomic cyclophosphamide 1207
 mIBG 1319
 microarray 570, 1541
 microenvironment 774, 1533
 microRNA 883, 1174, 1769
 microsatellite instability 482
 microtubule disruptor 316
 migrants: England and Wales 1438
 migration 541, 710, 774
 minimal disease 1319
 minimally invasive surgery 1313
 miR-133a 883
 miR-145 883
 miRNA 376, 1244

- mismatch repair 144, 1068
mitochondria 1717
mitotic index 1106
MKP-1 1137
MMP 922
MMP-9 530
MMR gene promoter
methylation 482
modelling 933, 1201
molecular marker 1137
mortality 867, 1438
MRP-1 1157
MSH3 1068
MSI status 1762
MSMB 414
multimodal 73
multiple drug resistance 1157
mutation 693, 1219, 1491
MutS α 1068
MutS β 1068
MyD88 908
myoglobin 1736
- nadroparin 837
natural history 213
NB 685
necrosis 577
neoadjuvant 1099
neoadjuvant chemotherapy 1600
neoplasm metastasis 1468
NETs 1106
neuroblastoma 615, 1319
neurosurgery 1213
NF- κ B 206, 639, 1163
non-coding RNA 419
non-invasive biomarkers 1
non-small cell lung cancer 97, 1113, 1627
normalisation 1037
Notch 351
Notch1 196
Noxa 1254
NS398 765
NSAIDs 1415
NU2058 342
NU6102 342
NUB1 873
nutrition 665
- obesity 966
occupation 1428
oesophageal adenocarcinoma 1608
oesophageal cancer 73, 665, 1378
oestrogen receptor 294, 1736
oestrogen receptor- α 738
Okuda 748
older age 1461, 1468
oocyte 1400
oral cancer 892
orthotopic models 1555
osteoblast 332, 457
osteoclast 332, 457
osteonectin 188
osteoporosis 799
outcome 1163
- ovarian cancer 87, 495, 704, 1244
ovarian cancer stem-like cells 1276
overall survival 719, 1769
oxaliplatin 987, 1254
oxidative stress 1018
- p27 1235
p53 719, 1254, 1600, 1645
paclitaxel 316, 1355
paediatric 620
paediatric rhabdomyosarcoma 227
Pakistan 1657
palliative chemotherapy 1207
PANC-1 cells 583
pancreatic adenocarcinoma 704
pancreatic cancer 188, 577, 583, 1415, 1422
pancreatic stellate cells 188
papillary thyroid carcinoma 376
paternal occupation 615
pathological response 1099
patient age 947
patient-reported outcomes 658
pazopanib 1371
PBOX 1474
PCR 1037
PDEF 1645
pemetrexed 553
Pemphigus vulgaris antigen 181
peri-operative chemotherapy 255
peripheral nerve tumour 1786
personalised medicine 693
pertuzumab 134
pharmacogenetics 1003, 1371
pharmacokinetic, pharmacodynamic and efficacy studies 1555
pharmacokinetics 673, 1699
phase I trial 1355, 1699
phase II trial 68, 506
Philippines 1411
phosphoinositide 3-kinase 104
phosphorylated EGFR 165
phosphorylation inhibitor 844
photodynamic therapy 1608
PI3K 1163, 1491
PI3K/Akt 196
pilot studies 1555
pituitary tumour 1654
plasma 1174, 1378, 1627
platelets 1524
platinum pretreated 1687
pleural effusion 1180
pleural fluid 1180
point counting 1519
polymorphism 237, 294, 447
population pharmacokinetic 827
portal vein embolisation 1313
postmenopausal 1201
postoperative 1327
PPAR γ 685
predictive 867, 1201
pregnane X receptor 1753
- pre-invasive 1391
prenatal infection 796
PreTect HPV-Proofer 957
prevalence 1657
preventative care 1085
primary breast cancer 719
primary care 48, 1085
primary care delay 947, 1447
primary systemic therapy 35
pro-coagulant 73
prognosis 165, 731, 892, 908, 922, 952, 1024, 1113, 1327, 1627, 1692
prognostic 173, 1032
proliferation 165, 710, 738
prophylactic mastectomy 1284
proportion of tumour 1519
prospective cohort 610
prostate biopsy 1335
prostate cancer 249, 332, 403, 414, 570, 678, 922, 1163, 1224, 1491
prostatic neoplasms 469
protein kinase B-Akt 104
proteinchip 1731
proteomics 1731
PSA 469, 922, 1335
P-selectin 602
PSMB7 361
psychological distress 1335
psychological measures 1348
PTEN 162, 1163, 1778
PTEN gene loss 678
PVTT 1618
pyruvate dehydrogenase 1746
- QLQ-C30 59
quality of life 27, 59, 1341, 1456
quality-adjusted survival 19
quantification 1037
- Rab 392
race 1676
radiation 220
radical hysterectomy 1692
radiology 285
radiosensitivity 1511, 1778
radiotherapy 23, 220, 1555
randomised controlled trials 469, 1081, 1207, 1348
RAS 1137
RCC 873
reactive oxygen species 583, 1018
real-time PCR 1384
receptor tyrosine kinase inhibitor 658
RECIST 803
rectal bleeding 48
recurrence 570, 1327
rehabilitation 1348
relapsed SCLC 629
REMARK 173
renal cell cancer 803, 867, 1371, 1456, 1592, 1676
replacement, reduction and refinement (3Rs) 1555
reporting guideline 173
- repression 1061
reproductive factors 1185
resistance 513, 1724
response assessment 651
response criteria 1319
restraint 1555
Revised Bethesda Guidelines 482
RGZ 685
rhabdomyosarcoma 1769
RhoC 196
ribonucleotide reductase 1361
risk 220, 1201, 1284, 1294
risk factors 645, 966
rituximab 19
RLB 957
RNA 916, 1037
RNA interference 361
RT-PCR 276
- sarcoma 1207
sarcoma patients 731
scirrhous gastric cancer 844, 898
Scotland 930
screening 462, 972, 1335, 1681
screening recommendations 42
seasonal variation 1670
second primary neoplasms 220
secondary care referral 947
SELDI-TOF-MS 1731
sensitivity and specificity 469
sentinel lymph nodes 181
sequencing 243
serum amyloid A 1731
serum biomarker 1731
serum lactate dehydrogenase 1213
sex differences 1190
side population 1276
Singapore 610
skin cancer 1661
skinfold chamber 837
SMAC-mimetics 1707
Smad2 844
small bowel adenocarcinoma 144
small cell lung cancer 629
smoking 610, 1654
Snail 639, 892
SNP 414, 1294
SNP array 1044
socioeconomic status 719, 1661
sodium 867
Sonic hedgehog 738
sorafenib 68, 268, 495, 1219
SP 815
SPARC 188, 530
SPCs 1190
spinal tumour 1786
spiral computed tomography 27
spiral CT 1681
squamous cell carcinoma 262, 1692
stability 1524
Stage IV colorectal cancer 255

Keyword index

- stage of disease 748
 STAT3 1592
 stathmin1 710
 statistical model 1503
 stem cells 369
 stereotactic radiosurgery 1213
 stromal cells 1533
 stromal fibroblast 392
 STX140 316
 subsequent cancer 1397
 sunitinib 80, 658, 803, 1699
 surgery 1313
 survival 665, 678, 1213
 survival analysis 173, 1113
 survivorship 1348, 1447
 synergy 1010, 1224
- T regulatory cells 1129
 T315I 1474
 tamoxifen 294, 1235
 tamoxifen resistance 1503
 targeted therapeutics 1
 T-cell responses 727
 telomere 1300
 temsirolimus 1456
 TGCT 419
- TGF- β 844
 therapeutic HPV vaccination 1129
 therapeutic target 1145
 therapy 1555, 1724
 thyroid cancer 852
 TIC 1618
 T-ICs 815
 TIMP 922
 tissue microarray 922, 1627
 TLR4 908
 TMPRSS2-ERG fusion 570
 TNF- α 639
 TOPK 151
 TP53 1091
 TRAIL 1707
 TRAIL-R1 506
 transcriptome 243
 transformation 436
 trastuzumab 134, 513, 520
 treatment benefits 1341
 treatment toxicity 1341
 trends 620, 1661
 tumour attenuation 803
 tumour biomarkers 1384
 tumour burden 1555
- tumour cell glycoconjugates 602
 tumour growth 833
 tumour markers 173, 1180, 1244
 tumour models 1555
 tumour necrosis factor-related apoptosis-inducing ligand (TRAIL) 754
 tumour progression 1391
 tumour regression grade 1600
 tumour response 803
 tumour suppressor 87
 tumourigenesis 1276
 tumour-initiating cells 206
 type I extrinsic apoptotic pathway 754
- UGT1A1 1371
 urokinase plasminogen activator system 731
 uterine serous papillary cancer 134
- varicella zoster virus 727
 vascular disrupting agent 1355
- vascular endothelial growth factor 144
 VEGF 8, 530, 541, 1699
 verotoxin-1 383
 VIN 1044
 virtual slides 1519
 vitamin D 1422
 vitamin E 1224
 vitamin K3 1224
 VSCC 1044
 vulva 1044
 vulval intraepithelial neoplasia (VIN) 1129
- wasting 1541
 weight loss 966
 whole-genomic microarray 765
 women 489, 1654
- XAC 1396-11 97
 xenograft 561, 602, 685, 1636
 XIAP 97, 1717
- zinc 833
 ZOL 1099
 zoledronic acid 1010