

Subject index

- acid phosphatases**, Acid phosphatases, **65**
- acute lymphoblastic leukaemia**, Expression of components of the IGF signalling system in childhood acute lymphoblastic leukaemia, **40**
- ADAM12 (meltrin- α)**, The expression of ADAM12 (meltrin α) in human giant cell tumours of bone, **394**
- adenomatous polyposis coli gene**, Molecular histology in the study of solid tumours, **80**
- amplification refractory mutation system**, Limitations of the use of single base changes in the p53 gene to detect minimal residual disease of breast cancer, **177**
- aneuploidy**, Cyclin E and chromosome instability in colorectal cancer cell lines, **200**
- angiogenesis**, Angiogenesis in epithelial ovarian cancer, **348**
Temporal and spatial expression of connective tissue growth factor (CCN2; CTGF) and transforming growth factor β type 1 (TGF- β 1) at the utero-placental interface during early pregnancy in the pig, **186**
- angiotensin converting enzyme**, Association of the D allele of the angiotensin I converting enzyme polymorphism with malignant vascular injury, **29**
- animal models**, Treatment of murine breast cancer cells with antisense RNA to the type I insulin-like growth factor receptor decreases the level of plasminogen activator transcripts, inhibits cell growth in vitro, and reduces tumorigenesis in vivo, **102**
- antiapoptosis**, Analysis of apoptotic and antiapoptotic signalling pathways induced by *Helicobacter pylori*, **286**
- antibody**, The production and characterisation of a chimaeric human IgE antibody, recognising the major mite allergen Der p 1, and its chimaeric human IgG1 anti-idiotypic, **315**
- anti-idiotypic**, The production and characterisation of a chimaeric human IgE antibody, recognising the major mite allergen Der p 1, and its chimaeric human IgG1 anti-idiotypic, **315**
- antioxidant**, Glutathione in gingival crevicular fluid and its relation to local antioxidant capacity in periodontal health and disease, **367**
- aplastic anaemia**, Paroxysmal nocturnal haemoglobinuria: Nature's gene therapy?, **145**
- apoptosis**, Analysis of apoptotic and antiapoptotic signalling pathways induced by *Helicobacter pylori*, **286**
Synthetic inhibitors of CDKs induce different responses in androgen sensitive and androgen insensitive prostatic cancer cell lines, **227**
- Arcobacter butzleri*** Identification by 16S ribosomal RNA gene sequencing of *Arcobacter butzleri* bacteraemia in a patient with acute gangrenous appendicitis, **182**
- artery**, Demystified . . . Nitric oxide, **360**
- astrocytoma**, Comparison between mitochondrial DNA sequences in low grade astrocytomas and corresponding blood samples, **204**
- autism**, Molecular histology in the study of solid tumours, **80**
- B5**, Improved technique for fluorescence in situ hybridisation analysis of isolated nuclei from archival, B5 or formalin fixed, paraffin wax embedded tissue, **121**
- book reviews**, J Boulton, Fidler C, *editors*. Molecular analysis of cancer, **336**
James J, *editor*. Infectious causes of cancer: targets for intervention, **207**
Kabanov AV, Felgner PL, Seymour LW, *editors*. Self-assembling complexes for gene delivery, **207**
Lloyd RV, *editors*. Morphology methods: cell and molecular biology techniques, **126**
Nickoloff BJ, *editor*. Methods in molecular medicine: melanoma techniques and protocols, **207**
Tsokos GC, *editor*. Principles of molecular rheumatology, **126**
Weitberg AB, *editor*. Cancer of the lung: from molecular biology to treatment guidelines, **126**
- bone resorption**, Acid phosphatases, **65**
Lloyd RV, *editor*. Morphology methods: cell and molecular biology techniques, **126**
- Borrelia burgdorferi* Morphoea and *Borrelia burgdorferi***, results from the Scottish Highlands in the context of the world literature, **374**
- BRCA1**, Molecular evidence for putative tumour suppressor genes on chromosome 13q specific to BRCA1 related ovarian and fallopian tube cancer, **305**
- breast cancer**, Expression of proteinases and inhibitors in human breast cancer progression and survival, **300**
- Burkholderia pseudomallei***, Strategies for PCR based detection of *Burkholderia pseudomallei* DNA in paraffin wax embedded tissues, **398**
- cadherins**, Molecular histology in the study of solid tumours, **80**
- calcium channels**, A role for CCN3 (NOV) in calcium signalling, **250**
- calcium signalling**, A role for CCN3 (NOV) in calcium signalling, **250**
- cancer cell lines**, Thymidylate synthase protein expression and activity are related to the cell proliferation rate in human cancer cell lines, **310**
- catabolism**, Haemophilia A and haemophilia B: molecular insights, **1**
Haemophilia A and haemophilia B: molecular insights, **127**
- catenins**, Molecular histology in the study of solid tumours, **80**
- CCN2 (CTGF)**, Temporal and spatial expression of connective tissue growth factor (CCN2; CTGF) and transforming growth factor β type 1 (TGF- β 1) at the utero-placental interface during early pregnancy in the pig, **186**
- CCN3 family of genes**, A role for CCN3 (NOV) in calcium signalling, **250**
- CD40**, CD40 activation in epithelial ovarian carcinoma cells modulates growth, apoptosis, and cytokine secretion, **110**
- cell cycle deregulation**, INK4a-ARF alterations in liver cell adenoma, **379**
- cell cycle**, Synthetic inhibitors of CDKs induce different responses in androgen sensitive and androgen insensitive prostatic cancer cell lines, **227**
- cell doubling time**, Thymidylate synthase protein expression and activity are related to the cell proliferation rate in human cancer cell lines, **310**
- cell fusion**, The expression of ADAM12 (meltrin α) in human giant cell tumours of bone, **394**
- cell transfection**, Treatment of murine breast cancer cells with antisense RNA to the type I insulin-like growth factor receptor decreases the level of plasminogen activator transcripts, inhibits cell growth in vitro, and reduces tumorigenesis in vivo, **102**
- cervical cytology**, The assessment of DNA and RNA preservation in liquid based cytology media, **125**
- cervix cancer**, Postmodern cancer: the role of human immunodeficiency virus in uterine cervical cancer, **19**
- chimaerisation**, The production and characterisation of a chimaeric human IgE antibody, recognising the major mite allergen Der p 1, and its chimaeric human IgG1 anti-idiotypic, **315**
- chondrocyte**, Expression of chondrocyte markers by cells of normal and degenerate intervertebral discs, **91**
- chromosomal translocations**, Molecular aspects of multiple myeloma, **273**
- chromosome alterations**, Evaluation of paediatric osteosarcomas by classic cytogenetic and CGH analyses, **389**
- chromosome instability**, Cyclin E and chromosome instability in colorectal cancer cell lines, **200**
- clonality analysis**, Improvements to B cell clonality analysis using PCR amplification of immunoglobulin light chain genes, **98**
- c-myc**, Alteration of C-MYC DNA binding to cognate responsive elements in HL-60 variant cells, **325**
Alterations of the MDV oncogenic regions in an MDV transformed lymphoblastoid cell line, **262**
- colon carcinogenesis**, Expression of Wnt ligands and Frizzled receptors in colonic mucosa and in colon carcinoma, **220**
- colorectal cancer**, Cyclin E and chromosome instability in colorectal cancer cell lines, **200**
Limitations of cytokeratin 20 RT-PCR to detect disseminated tumour cells in blood and bone marrow of patients with colorectal cancer: expression in controls and downregulation in tumour tissue, **156**
- colorectal carcinoma**, Frequent loss of SMAD4/DPC4 protein in colorectal cancers, **385**
Molecular histology in the study of solid tumours, **80**
- comparative genomic hybridisation**, Methods of molecular analysis: assessing losses and gains in tumours, **25**
Evaluation of paediatric osteosarcomas by classic cytogenetic and CGH analyses, **389**
- complement regulatory protein**, Expression of complement regulating factors in gastric cancer cells, **193**
- connective tissue growth factor**, A role for CCN3 (NOV) in calcium signalling, **250**
- cord blood**, Expression of components of the IGF signalling system in childhood acute lymphoblastic leukaemia, **40**
- CpG-island**, 7-Deaza-2'-deoxyguanosine allows PCR and sequencing reactions from CpG islands, **55**
- Cpn 60**, Chaperonins in disease: mechanisms, models, and treatments, **209**
- creatine kinase**, Inactivation of phosphoglycerate mutase and creatine kinase isoenzymes in human serum, **242**
- Cushing's disease**, An R201H activating mutation of the GNAS1 (Gs α) gene in a corticotroph pituitary adenoma, **58**

- cyclin dependent kinase**, Cyclin E and chromosome instability in colorectal cancer cell lines, **200**
- cyclin**, Cyclin E and chromosome instability in colorectal cancer cell lines, **200**
- cytogenetics**, Methods of molecular analysis: assessing losses and gains in tumours, **25**
Molecular aspects of multiple myeloma, **273**
- cytokeratin 20**, Limitations of cytokeratin 20 RT-PCR to detect disseminated tumour cells in blood and bone marrow of patients with colorectal cancer: expression in controls and downregulation in tumour tissue, **156**
- cytokines**, CD40 activation in epithelial ovarian carcinoma cells modulates growth, apoptosis, and cytokine secretion, **110**
- 7-deaza-2'-deoxyguanosine**, 7-Deaza-2'-deoxyguanosine allows PCR and sequencing reactions from CpG islands, **55**
- decay accelerating factor (CD55)**, Expression of complement regulating factors in gastric cancer cells, **193**
- Der p 1**, The production and characterisation of a chimaeric human IgE antibody, recognising the major mite allergen Der p 1, and its chimaeric human IgG1 anti-idiotypic, **315**
- developmental disorder**, Potential viral pathogenic mechanism for new variant inflammatory bowel disease, **84**
- disseminated tumour cells**, Limitations of cytokeratin 20 RT-PCR to detect disseminated tumour cells in blood and bone marrow of patients with colorectal cancer: expression in controls and downregulation in tumour tissue, **156**
- DNA**, The assessment of DNA and RNA preservation in liquid based cytology media, **125**
- DPC4**, Frequent loss of SMAD4/DPC4 protein in colorectal cancers, **385**
- EMT6 cells**, Treatment of murine breast cancer cells with antisense RNA to the type I insulin-like growth factor receptor decreases the level of plasminogen activator transcripts, inhibits cell growth in vitro, and reduces tumorigenesis in vivo, **102**
- end organ damage**, Association of the D allele of the angiotensin I converting enzyme polymorphism with malignant vascular injury, **29**
- endothelium**, Temporal and spatial expression of connective tissue growth factor (CCN2; CTGF) and transforming growth factor β type 1 (TGF- β 1) at the utero-placental interface during early pregnancy in the pig, **186**
- epithelial ovarian cancer**, Angiogenesis in epithelial ovarian cancer, **348**
- epithelium**, Temporal and spatial expression of connective tissue growth factor (CCN2; CTGF) and transforming growth factor β type 1 (TGF- β 1) at the utero-placental interface during early pregnancy in the pig, **186**
- extracellular matrix**, Temporal and spatial expression of connective tissue growth factor (CCN2; CTGF) and transforming growth factor β type 1 (TGF- β 1) at the utero-placental interface during early pregnancy in the pig, **186**
- factor IX**, Haemophilia A and haemophilia B: molecular insights, **1**
Haemophilia A and haemophilia B: molecular insights, **127**
- factor VIII**, Haemophilia A and haemophilia B: molecular insights, **1**
Haemophilia A and haemophilia B: molecular insights, **127**
- fallopian tube carcinoma**, Molecular evidence for putative tumour suppressor genes on chromosome 13q specific to BRCA1 related ovarian and fallopian tube cancer, **305**
- fibroblast growth factor 2**, TGF- β 1 regulates TGF- β 1 and FGF-2 mRNA expression during fibroblast wound healing, **164**
- fission yeast**, Identification of an IGF-1R kinase regulatory phosphatase using the fission yeast *Schizosaccharomyces pombe* and a GFP tagged IGF-1R in mammalian cells, **46**
- fluorescence in situ hybridisation**, Improved technique for fluorescence in situ hybridisation analysis of isolated nuclei from archival, B5 or formalin fixed, paraffin wax embedded tissue, **121**
Methods of molecular analysis: assessing losses and gains in tumours, **25**
Molecular aspects of multiple myeloma, **273**
Demystified . . . Molecular pathology in oncology, **337**
- formalin**, Improved technique for fluorescence in situ hybridisation analysis of isolated nuclei from archival, B5 or formalin fixed, paraffin wax embedded tissue, **121**
- 5-FU chemotherapy**, Thymidylate synthase protein expression and activity are related to the cell proliferation rate in human cancer cell lines, **310**
- gastric cancer**, Expression of complement regulating factors in gastric cancer cells, **193**
Molecular aspects of multiple myeloma, **273**
- giant cell tumour of bone**, The expression of ADAM12 (meltrin α) in human giant cell tumours of bone, **394**
- gingival crevicular fluid**, Glutathione in gingival crevicular fluid and its relation to local antioxidant capacity in periodontal health and disease, **367**
- glucocorticoid receptor**, Expression of glucocorticoid receptor and 11 β hydroxysteroid dehydrogenase in a case of pulmonary epithelioid haemangioendothelioma, **61**
- glutathione**, Glutathione in gingival crevicular fluid and its relation to local antioxidant capacity in periodontal health and disease, **367**
- GNAS1 mutations**, An R201H activating mutation of the GNAS1 (Gso) gene in a corticotroph pituitary adenoma, **58**
- green fluorescent protein**, Identification of an IGF-1R kinase regulatory phosphatase using the fission yeast *Schizosaccharomyces pombe* and a GFP tagged IGF-1R in mammalian cells, **46**
- haemophilia A**, Haemophilia A and haemophilia B: molecular insights, **1**
Haemophilia A and haemophilia B: molecular insights, **127**
- haemophilia B**, Haemophilia A and haemophilia B: molecular insights, **1**
Haemophilia A and haemophilia B: molecular insights, **127**
- head and neck cancer**, Mutation screening analysis of the retinoblastoma related gene RB2/p130 in sporadic ovarian cancer and head and neck squamous cell cancer, **153**
- heat shock protein**, Chaperonins in disease: mechanisms, models, and treatments, **209**
- Helicobacter pylori**, Analysis of apoptotic and antiapoptotic signalling pathways induced by *Helicobacter pylori*, **286**
Molecular aspects of multiple myeloma, **273**
- heteroplasmy**, Comparison between mitochondrial DNA sequences in low grade astrocytomas and corresponding blood samples, **204**
- HL-60**, Alteration of C-MYB DNA binding to cognate responsive elements in HL-60 variant cells, **325**
- human immunodeficiency virus**, Postmodern cancer: the role of human immunodeficiency virus in uterine cervical cancer, **19**
- human papillomavirus**, Postmodern cancer: the role of human immunodeficiency virus in uterine cervical cancer, **19**
- 11 β hydroxysteroid dehydrogenase**, Expression of glucocorticoid receptor and 11 β hydroxysteroid dehydrogenase in a case of pulmonary epithelioid haemangioendothelioma, **61**
- ICP4 homologue gene**, Alterations of the MDV oncogenic regions in an MDV transformed lymphoblastoid cell line, **262**
- IgE**, The production and characterisation of a chimaeric human IgE antibody, recognising the major mite allergen Der p 1, and its chimaeric human IgG1 anti-idiotypic, **315**
- immunogen**, Chaperonins in disease: mechanisms, models, and treatments, **209**
- immunoglobulin light chain genes**, Improvements to B cell clonality analysis using PCR amplification of immunoglobulin light chain genes, **98**
- immunohistochemistry**, Frequent loss of SMAD4/DPC4 protein in colorectal cancers, **385**
- in situ hybridisation**, Detection of genes expressed in primary colon cancers by in situ hybridisation: overexpression of RACK 1, **34**
Expression of Wnt ligands and Frizzled receptors in colonic mucosa and in colon carcinoma, **220**
- inactivation by serum**, Inactivation of phosphoglycerate mutase and creatine kinase isoenzymes in human serum, **242**
- inflammatory bowel disease**, Molecular histology in the study of solid tumours, **80**
Molecular histology in the study of solid tumours, **80**
Potential viral pathogenic mechanism for new variant inflammatory bowel disease, **84**
- inhibitor**, Haemophilia A and haemophilia B: molecular insights, **1**
Haemophilia A and haemophilia B: molecular insights, **127**
- insulin-like growth factor 1 receptor**, Identification of an IGF-1R kinase regulatory phosphatase using the fission yeast *Schizosaccharomyces pombe* and a GFP tagged IGF-1R in mammalian cells, **46**
- insulin-like growth factor binding protein superfamily**, Expression of components of the IGF signalling system in childhood acute lymphoblastic leukaemia, **40**
- insulin-like growth factor binding protein**, Expression of components of the IGF signalling system in childhood acute lymphoblastic leukaemia, **40**
- insulin-like growth factor**, Expression of components of the IGF signalling system in childhood acute lymphoblastic leukaemia, **40**
- intervertebral disc**, Expression of chondrocyte markers by cells of normal and degenerate intervertebral discs, **91**
- KLK8**, Epidermal expression of serine protease, neuropsin (KLK8) in normal and pathological skin samples, **235**
- liver cell adenoma**, INK4a-ARF alterations in liver cell adenoma, **379**
- loss of heterozygosity**, Molecular evidence for putative tumour suppressor genes on chromosome 13q specific to BRCA1 related ovarian and fallopian tube cancer, **305**
- macro-DNA array**, Detection of genes expressed in primary colon cancers by in situ hybridisation: overexpression of RACK 1, **34**

- malignant hypertension**, Association of the D allele of the angiotensin I converting enzyme polymorphism with malignant vascular injury, **29**
- Marek's disease virus**, Alterations of the MDV oncogenic regions in an MDV transformed lymphoblastoid cell line, **262**
- matrix metalloproteinases**, Expression of proteinases and inhibitors in human breast cancer progression and survival, **300**
- MDA-MB-435 cell line**, Further evidence to support the melanocytic origin of MDA-MB-435, **294**
- measles**, Molecular histology in the study of solid tumours, **80**
Molecular histology in the study of solid tumours, **80**
Potential viral pathogenic mechanism for new variant inflammatory bowel disease, **84**
- melanoma**, Further evidence to support the melanocytic origin of MDA-MB-435, **294**
- meliodiosis**, Strategies for PCR based detection of *Burkholderia pseudomallei* DNA in paraffin wax embedded tissues, **398**
- meq**, Alterations of the MDV oncogenic regions in an MDV transformed lymphoblastoid cell line, **262**
- methylation**, INK4a-ARF alterations in liver cell adenoma, **379**
- microarray analysis**, Demystified . . . Molecular pathology in oncology, **337**
- microsatellite instability**, Methods of molecular analysis: mutation detection in solid tumours, **73**
- microvessel density**, Angiogenesis in epithelial ovarian cancer, **348**
- migration**, TGF- β 1 regulates TGF- β 1 and FGF-2 mRNA expression during fibroblast wound healing, **164**
- mitochondrial DNA**, Comparison between mitochondrial DNA sequences in low grade astrocytomas and corresponding blood samples, **204**
- molecular histology**, Molecular histology in the study of solid tumours, **80**
- molecular pathology**, Demystified . . . Molecular pathology in oncology, **337**
- monocytic differentiation**, Alteration of C-MYB DNA binding to cognate responsive elements in HL-60 variant cells, **325**
- monolayer**, The assessment of DNA and RNA preservation in liquid based cytology media, **125**
- morphoea**, Morphoea and *Borrelia burgdorferi*: results from the Scottish Highlands in the context of the world literature, **374**
- multiple myeloma**, Molecular aspects of multiple myeloma, **273**
- mumps, measles, and rubella**, Molecular histology in the study of solid tumours, **80**
- mutation detection**, Methods of molecular analysis: mutation detection in solid tumours, **73**
- mutation**, Haemophilia A and haemophilia B: molecular insights, **1**
Haemophilia A and haemophilia B: molecular insights, **127**
- MYB recognition elements**, Alteration of C-MYB DNA binding to cognate responsive elements in HL-60 variant cells, **325**
- neuropsin**, Epidermal expression of serine protease, neuropsin (KLK8) in normal and pathological skin samples, **235**
- nitric oxide**, Demystified . . . Nitric oxide, **360**
- NOVH**, A role for CCN3 (NOV) in calcium signalling, **250**
- oncology**, Demystified . . . Molecular pathology in oncology, **337**
- osteoclast**, Acid phosphatases, **65**
- ovarian cancer**, Mutation screening analysis of the retinoblastoma related gene RB2/p130 in sporadic ovarian cancer and head and neck squamous cell cancer, **153**
- ovarian carcinoma**, CD40 activation in epithelial ovarian carcinoma cells modulates growth, apoptosis, and cytokine secretion, **110**
Molecular evidence for putative tumour suppressor genes on chromosome 13q specific to BRCA1 related ovarian and fallopian tube cancer, **305**
- oxidative stress**, Demystified . . . Nitric oxide, **360**
- p14^{ARF}**, INK4a-ARF alterations in liver cell adenoma, **379**
- p16^{INK4a}**, INK4a-ARF alterations in liver cell adenoma, **379**
- paediatric osteosarcoma**, Evaluation of paediatric osteosarcomas by classic cytogenetic and CGH analyses, **389**
- paraffin wax**, Improved technique for fluorescence in situ hybridisation analysis of isolated nuclei from archival, B5 or formalin fixed, paraffin wax embedded tissue, **121**
- paroxysmal nocturnal haemoglobinuria**, Paroxysmal nocturnal haemoglobinuria: Nature's gene therapy?, **145**
- pathology**, Strategies for PCR based detection of *Burkholderia pseudomallei* DNA in paraffin wax embedded tissues, **398**
- periodontal disease**, Glutathione in gingival crevicular fluid and its relation to local antioxidant capacity in periodontal health and disease, **367**
- phenotype**, Expression of chondrocyte markers by cells of normal and degenerate intervertebral discs, **91**
- phosphatases**, Identification of an IGF-1R kinase regulatory phosphatase using the fission yeast *Schizosaccharomyces pombe* and a GFP tagged IGF-1R in mammalian cells, **46**
- phosphoglycerate mutase**, Inactivation of phosphoglycerate mutase and creatine kinase isoenzymes in human serum, **242**
- picornavirus**, Picornavirus uncoating, **214**
- PIG-A gene**, Paroxysmal nocturnal haemoglobinuria: Nature's gene therapy?, **145**
- pituitary tumours**, An R201H activating mutation of the GNAS1 (Gs α) gene in a corticotroph pituitary adenoma, **58**
- placenta**, Temporal and spatial expression of connective tissue growth factor (CCN2; CTGF) and transforming growth factor β type 1 (TGF- β 1) at the utero-placental interface during early pregnancy in the pig, **186**
- plasminogen activators**, Expression of proteinases and inhibitors in human breast cancer progression and survival, **300**
- polymerase chain reaction**, 7-Deaza-2'-deoxyguanosine allows PCR and sequencing reactions from CpG islands, **55**
Demystified . . . Molecular pathology in oncology, **337**
Improvements to B cell clonality analysis using PCR amplification of immunoglobulin light chain genes, **98**
Morphoea and *Borrelia burgdorferi*: results from the Scottish Highlands in the context of the world literature, **374**
Strategies for PCR based detection of *Burkholderia pseudomallei* DNA in paraffin wax embedded tissues, **398**
- polymorphism**, Association of the D allele of the angiotensin I converting enzyme polymorphism with malignant vascular injury, **29**
Haemophilia A and haemophilia B: molecular insights, **1**
Haemophilia A and haemophilia B: molecular insights, **127**
- pp38**, Alterations of the MDV oncogenic regions in an MDV transformed lymphoblastoid cell line, **262**
- PR264**, Alteration of C-MYB DNA binding to cognate responsive elements in HL-60 variant cells, **325**
- progenitor cells**, Limitations of the use of single base changes in the p53 gene to detect minimal residual disease of breast cancer, **177**
- prognosis**, Angiogenesis in epithelial ovarian cancer, **348**
- prostate cancer**, Synthetic inhibitors of CDKs induce different responses in androgen sensitive and androgen insensitive prostatic cancer cell lines, **227**
- pulmonary epithelioid haemangioendothelioma**, Expression of glucocorticoid receptor and 11 β hydroxysteroid dehydrogenase in a case of pulmonary epithelioid haemangioendothelioma, **61**
- quantitative reverse transcription polymerase chain reaction**, Further evidence to support the melanocytic origin of MDA-MB-435, **294**
- RB2/p120**, Mutation screening analysis of the retinoblastoma related gene RB2/p130 in sporadic ovarian cancer and head and neck squamous cell cancer, **153**
- reverse transcriptase polymerase chain reaction**, Limitations of cytochrome 20 RT-PCR to detect disseminated tumour cells in blood and bone marrow of patients with colorectal cancer: expression in controls and downregulation in tumour tissue, **156**
- RNA**, The assessment of DNA and RNA preservation in liquid based cytology media, **125**
- 16S rRNA**, Identification by 16S ribosomal RNA gene sequencing of *Arcobacter butzleri* bacteraemia in a patient with acute gangrenous appendicitis, **182**
- S100A4**, A role for CCN3 (NOV) in calcium signalling, **250**
- SC35**, Alteration of C-MYB DNA binding to cognate responsive elements in HL-60 variant cells, **325**
- sequencing**, 7-Deaza-2'-deoxyguanosine allows PCR and sequencing reactions from CpG islands, **55**
Identification by 16S ribosomal RNA gene sequencing of *Arcobacter butzleri* bacteraemia in a patient with acute gangrenous appendicitis, **182**
- signal transduction**, Expression of Wnt ligands and Frizzled receptors in colonic mucosa and in colon carcinoma, **220**
- signalling pathway**, Analysis of apoptotic and antiapoptotic signalling pathways induced by *Helicobacter pylori*, **286**
- SMAD4**, Frequent loss of SMAD4/DPC4 protein in colorectal cancers, **385**
- Southern blotting**, Demystified . . . Molecular pathology in oncology, **337**
- store operated channels**, A role for CCN3 (NOV) in calcium signalling, **250**
- suppression subtractive hybridisation**, Detection of genes expressed in primary colon cancers by in situ hybridisation: overexpression of RACK 1, **34**
- synthetic CDK inhibitors**, Synthetic inhibitors of CDKs induce different responses in androgen sensitive and androgen insensitive prostatic cancer cell lines, **227**
- tartrate resistant acid phosphatase**, Acid phosphatases, **65**
- thymidylate synthase**, Thymidylate synthase protein expression and activity are related to the cell proliferation rate in human cancer cell lines, **310**
- tissue inhibitors of metalloproteinases**, Expression of proteinases and inhibitors in human breast cancer progression and survival, **300**
- tissue plasminogen activator**, Epidermal expression of serine protease, neuropsin (KLK8) in normal and pathological skin samples, **235**

tissue-type plasminogen activator, Treatment of murine breast cancer cells with antisense RNA to the type I insulin-like growth factor receptor decreases the level of plasminogen activator transcripts, inhibits cell growth in vitro, and reduces tumorigenesis in vivo, **102**

TPA, Alteration of C-MYB DNA binding to cognate responsive elements in HL-60 variant cells, **325**

transforming growth factor β 1, TGF- β 1 regulates TGF- β 1 and FGF-2 mRNA expression during fibroblast wound healing, **164**

tumour contamination, Limitations of the use of single base changes in the p53 gene to detect minimal residual disease of breast cancer, **177**

tumours, Methods of molecular analysis: mutation detection in solid tumours, **73**

uncoating, Picornavirus uncoating, **214**

urokinase-type plasminogen activator, Treatment of murine breast cancer cells with antisense RNA to the type I insulin-like growth factor receptor decreases the level of plasminogen activator transcripts, inhibits cell growth in vitro, and reduces tumorigenesis in vivo, **102**

vaccination, Molecular histology in the study of solid tumours, **80**

wound repair, TGF- β 1 regulates TGF- β 1 and FGF-2 mRNA expression during fibroblast wound healing, **164**

x ray crystallography Picornavirus uncoating, **214**