

# Subject Index

*Volume 40, 2018*

Contributor index on page 294.

## A

### **ABCC1**

Overexpression of miR-134 Enhanced the Sensitivity of Breast Cancer Cells to Doxorubicin by Downregulating ABCC1 Expression. (Wang et al), 2018;40:161–167

### **Acantholytic**

Pseudoangiosarcomatous Urothelial Bladder Carcinoma: A Report of Two New Cases with Clinicopathological and Immunohistochemical Findings: Importance of Recognizing This Rare Morphological Pattern. (Rodríguez-Aguilar et al), 2018;40:49–53

### **Acute myeloid leukemia**

Comparative Analysis of Karyometric Parameters in Acute Myeloid Leukemia Blasts and FLT3 ITD Mutation Status. (Govedarovic et al), 2018;40:193–198

### **Acute rejection**

Association of 2 Polymorphisms in Transforming Growth Factor Beta 1 and Their Effect on the Risk of Acute Liver Graft Rejection. (Yu et al), 2018;40:168–175

### **Adhesion molecules**

Pseudoangiosarcomatous Urothelial Bladder Carcinoma: A Report of Two New Cases with Clinicopathological and Immunohistochemical Findings: Importance of Recognizing This Rare Morphological Pattern. (Rodríguez-Aguilar et al), 2018;40:49–53

### **Agricultural chemistry**

Liver Evaluation of Pigs Exposed to the Fungicide Captan. (Souza et al), 2018;40:176–182

### **Agrochemicals**

Liver Evaluation of Pigs Exposed to the Fungicide Captan. (Souza et al), 2018;40:176–182

### **Alternative medicine**

Kanglaite Enhances Nedaplatin-Induced Inhibition of Cell Viability, Migration, and Epithelial-Mesenchymal Transition in Cervical Cancer Cells. (Wang et al), 2018;40:284–290

tion of Cell Viability, Migration, and Epithelial-Mesenchymal Transition in Cervical Cancer Cells. (Wang et al), 2018;40:284–290

### **Angiotensin II**

A Study on the Expression of Vascular Epidermal Growth Factor and Angiotensin II in Clear Cell Renal Cell Carcinoma and Sunitinib in Renal Cell Treatment. (Che et al), 2018;40:116–124

### **Antagomirs**

Overexpression of miR-134 Enhanced the Sensitivity of Breast Cancer Cells to Doxorubicin by Downregulating ABCC1 Expression. (Wang et al), 2018;40:161–167

### **Anti-SLFN11 antibody**

Schlafen 11 Assessment in High-Grade Serous Ovarian Carcinoma: Phenotypic and Histological Distribution. (Ferraioli et al), 2018;40:222–230

### **Antioxidant effects**

Protective Effect of Lycopene in a Mouse Model of Parkinson's Disease via Reducing Oxidative Stress and Apoptosis. (Man and Bi), 2018;40:253–258

### **Antioxidants**

Protective Effect of Lycopene in a Mouse Model of Parkinson's Disease via Reducing Oxidative Stress and Apoptosis. (Man and Bi), 2018;40:253–258

### **Apoptosis**

Protective Effect of Lycopene in a Mouse Model of Parkinson's Disease via Reducing Oxidative Stress and Apoptosis. (Man and Bi), 2018;40:253–258

Pterostilbene Attenuates Inflammation in Rat Heart Subjected to Ischemia-Reperfusion via eNOS Activation. (Zhang et al), 2018;40:132–140

**Ascetic fluid**

Combination of Flow Cytometry and Image Cytometry for Detecting DNA Aneuploidy and Improving the Diagnostic Efficiency of Effusion. (He et al), 2018;40:85–90

**Atherosclerosis**

Atherosclerotic Rat Model After a High-Fat, High-Sucrose Diet: Protective Role of Quercetin, O-Coumaric, and Berberine. (Omar et al), 2018;40:76–84

**Automated immunostaining**

Multiple Sections per Slide for Immunohistochemistry: A Cost-Effective Alternative in Resource-Limited Settings. (Bychkov and Jain), 2018;40:211–212 (Letter)

**Automation, laboratory**

Multiple Sections per Slide for Immunohistochemistry: A Cost-Effective Alternative in Resource-Limited Settings. (Bychkov and Jain), 2018;40:211–212 (Letter)

**Axillary block dissection**

Intraoperative Imprint Cytology of Sentinel Lymph Node in Breast Cancer After Negative Preoperative Ultrasound Assessment of Axilla: How Many Second Operations Are Avoided? (Sakai et al), 2018;40:57–62

**B****Berberine**

Atherosclerotic Rat Model After a High-Fat, High-Sucrose Diet: Protective Role of Quercetin, O-Coumaric, and Berberine. (Omar et al), 2018;40:76–84

**Biomarkers**

Immunohistochemical Features of the Pseudomyxoma Peritonei Microenvironment: An Opportunity for Clinicians. (Grizzi et al), 2018;40:109–115

**Bladder cancer**

NRP-1 Silencing Suppresses Bladder Cancer Cell Line Proliferation Both in Vitro and in Vivo. (Fu et al), 2018;40:277–283

Pseudoangiosarcomatous Urothelial Bladder Carcinoma: A Report of Two New Cases with Clinicopathological and Immunohistochemical Findings: Importance of Recognizing This Rare Morphological Pattern. (Rodríguez-Aguilar et al), 2018;40:49–53

**Blue nevus**

Blue Nevus of the Prostate: Is It Truly a Rare Lesion? (Piol et al), 2018;40:54–55 (Letter)

**Bone formation**

Effects of Clomiphene Citrate on Bone Damage in the Tibial Bones of Ovariectomized Rats. (Murat and Engin), 2018;40:213–221

**Bone marrow mesenchymal stem cells**

Effect of SDF-1/CXCR4 Pathway on Bone Marrow Mesenchymal Stem Cells Under Direct Current Microelectric Field. (Wu et al), 2018;40:263–269

**Bone matrix**

Effects of Clomiphene Citrate on Bone Damage in the Tibial Bones of Ovariectomized Rats. (Murat and Engin), 2018;40:213–221

**Bone regeneration**

Effects of Clomiphene Citrate on Bone Damage in the Tibial Bones of Ovariectomized Rats. (Murat and Engin), 2018;40:213–221

**Breast cancer**

Intraoperative Imprint Cytology of Sentinel Lymph Node in Breast Cancer After Negative Preoperative Ultrasound Assessment of Axilla: How Many Second Operations Are Avoided? (Sakai et al), 2018;40:57–62

Overexpression of miR-134 Enhanced the Sensitivity of Breast Cancer Cells to Doxorubicin by Downregulating ABCC1 Expression. (Wang et al), 2018;40:161–167

**C****Caffeic acid phenethyl ester**

Effects of Caffeic Acid Phenethyl Ester on Testicular Torsion/Detorsion Injury in Rats. (İpek et al), 2018;40:270–276

**Cancer stem cells**

Effect of Yiqi Bushen Recipe on Expression of Notch1 and Jagged1 in Tumor Cells of Mouse Gastric Cancer Model. (Liu et al), 2018;40:246–252

**Captan**

Liver Evaluation of Pigs Exposed to the Fungicide Captan. (Souza et al), 2018;40:176–182

**Carcinoma**

Papillary Carcinoma in Struma Ovarii: A Case Report. (Piol et al), 2018;40:100–105

**Carotene**

Protective Effect of Lycopene in a Mouse Model of Parkinson's Disease via Reducing Oxidative Stress and Apoptosis. (Man and Bi), 2018;40:253–258

**Carotenoids**

Protective Effect of Lycopene in a Mouse Model of Parkinson's Disease via Reducing Oxidative

Stress and Apoptosis. (Man and Bi), 2018;40:253–258

### **Catalase**

Oxidative and Immunohistochemical Changes in Various Tissues of Rats Exposed to Cigarette Smoking. (Ahmet et al), 2018;40:141–148

### **CCN3**

Expression of CCN3 in Glioblastoma Cells and the Effects on Migration. (Lin et al), 2018;40:27–32

### **CD34**

Effects of Macrophage Migration Inhibitory Factor, Vascular Endothelial Growth Factor, CD34-Labeled Microvessel Density, and Inhibitor of Growth 4 on the Onset, Progression, and Angiogenesis of Prostate Cancer and Their Correlation. (Wang and Liang), 2018;40:91–99

### **Cell migration**

Effect of SDF-1/CXCR4 Pathway on Bone Marrow Mesenchymal Stem Cells Under Direct Current Microelectric Field. (Wu et al), 2018;40:263–269

Kanglaite Enhances Nedaplatin-Induced Inhibition of Cell Viability, Migration, and Epithelial-Mesenchymal Transition in Cervical Cancer Cells. (Wang et al), 2018;40:284–290

### **Cerebellum**

Protective Effect of *Potentilla fulgens* on Changes in Cerebellum Following Traumatic Head Injury. (Hüseysin et al), 2018;40:33–42

### **Cervical cancer**

HPV L1 Capsid Protein Is Suitable for Distinguishing CIN 2/3 and Cancer from CIN 1 Rather Than from CIN 1 and Lower Conditions. (Chen et al), 2018;40:199–204

Kanglaite Enhances Nedaplatin-Induced Inhibition of Cell Viability, Migration, and Epithelial-Mesenchymal Transition in Cervical Cancer Cells. (Wang et al), 2018;40:284–290

### **Cervical intraepithelial neoplasia**

HPV L1 Capsid Protein Is Suitable for Distinguishing CIN 2/3 and Cancer from CIN 1 Rather Than from CIN 1 and Lower Conditions. (Chen et al), 2018;40:199–204

### **Cervicitis**

Ligneous Cervicitis: Rare Cause of Infertility Mimicking Cervical Adenocarcinoma: A Multidisciplinary Approach. (Piol et al), 2018;40:259–262

### **Cervix adenocarcinoma**

Ligneous Cervicitis: Rare Cause of Infertility

Mimicking Cervical Adenocarcinoma: A Multidisciplinary Approach. (Piol et al), 2018;40:259–262

### **Chinese herbal drugs**

Kanglaite Enhances Nedaplatin-Induced Inhibition of Cell Viability, Migration, and Epithelial-Mesenchymal Transition in Cervical Cancer Cells. (Wang et al), 2018;40:284–290

### **Cigarette smoking**

Oxidative and Immunohistochemical Changes in Various Tissues of Rats Exposed to Cigarette Smoking. (Ahmet et al), 2018;40:141–148

### **Cinquefoil**

Protective Effect of *Potentilla fulgens* on Changes in Cerebellum Following Traumatic Head Injury. (Hüseysin et al), 2018;40:33–42

### **Clear cell carcinoma**

From Kidney to Gallbladder: The Amazing Journey of Cancer. (Antonelli et al), 2018;40:159–160 (Letter)

### **Clear cell renal cell carcinoma**

A Study on the Expression of Vascular Epidermal Growth Factor and Angiotensin II in Clear Cell Renal Cell Carcinoma and Sunitinib in Renal Cell Treatment. (Che et al), 2018;40:116–124

Urine Cytology and UroVysion Fluorescence in Situ Hybridization of Renal Cell Carcinoma: A Case Report. (Chen et al), 2018;40:43–48

### **Clinical laboratory techniques**

Multiple Sections per Slide for Immunohistochemistry: A Cost-Effective Alternative in Resource-Limited Settings. (Bychkov and Jain), 2018;40:211–212 (Letter)

### **Clomiphene citrate**

Effects of Clomiphene Citrate on Bone Damage in the Tibial Bones of Ovariectomized Rats. (Murat and Engin), 2018;40:213–221

### **Complementary therapies**

Kanglaite Enhances Nedaplatin-Induced Inhibition of Cell Viability, Migration, and Epithelial-Mesenchymal Transition in Cervical Cancer Cells. (Wang et al), 2018;40:284–290

### **Co-occurrence matrix**

Detection of Ki67 Expression by Analyzing Texture of Hematoxylin-and-Eosin-Stained Images, the Effectiveness of Signal Intensity, and Co-occurrence Matrix Features. (Kimura et al), 2018;40:9–19

### **Co-suppression**

Overexpression of miR-134 Enhanced the Sensi-

tivity of Breast Cancer Cells to Doxorubicin by Downregulating ABCC1 Expression. (Wang et al), 2018;40:161–167

### **Colon cancer**

Effects of Luteolin on the Expressions of TGF- $\beta$ 1R II, NF- $\kappa$ B, and VEGF Genes in Tumor Tissues of Mice with H29 Colon Cancer. (Kuai et al), 2018;40:69–75

### **Colorectal cancer**

Multifocal Clonal Evolution Characterized Using Circulating Tumor DNA Compared with Tumor Biopsies in Metastatic Colorectal Cancer by Targeted Next Generation Sequencing. (Li et al), 2018;40:149–158

### **Conventional tissue processing**

Microwave Tissue Dehydration: A Fast and Reliable Tissue-Processing Method in Pathology. (Li et al), 2018;40:63–68

### **Coronary artery disease**

Atherosclerotic Rat Model After a High-Fat, High-Sucrose Diet: Protective Role of Quercetin, O-Coumaric, and Berberine. (Omar et al), 2018;40:76–84

### **Coumaric acids**

Atherosclerotic Rat Model After a High-Fat, High-Sucrose Diet: Protective Role of Quercetin, O-Coumaric, and Berberine. (Omar et al), 2018;40:76–84

### **CXCL12 chemokine**

Effect of SDF-1/CXCR4 Pathway on Bone Marrow Mesenchymal Stem Cells Under Direct Current Microelectric Field. (Wu et al), 2018;40:263–269

### **Cystic kidney diseases**

Mixed Epithelial Stromal Tumor of the Kidney with Polypoid Pattern: A Case Report. (Vidal et al), 2018;40:205–208

### **Cystic renal diseases**

Mixed Epithelial Stromal Tumor of the Kidney with Polypoid Pattern: A Case Report. (Vidal et al), 2018;40:205–208

### **Cytodiagnosis**

Intraoperative Imprint Cytology of Sentinel Lymph Node in Breast Cancer After Negative Preoperative Ultrasound Assessment of Axilla: How Many Second Operations Are Avoided? (Sakai et al), 2018;40:57–62

### **Cytokine gene polymorphisms**

Association of 2 Polymorphisms in Transforming Growth Factor Beta 1 and Their Effect on the Risk of Acute Liver Graft Rejection. (Yu et al), 2018;40:168–175

### **Cytological techniques**

Urine Cytology and UroVysion Fluorescence in Situ Hybridization of Renal Cell Carcinoma: A Case Report. (Chen et al), 2018;40:43–48

### **Cytotoxicity**

Kanglaite Enhances Nedaplatin-Induced Inhibition of Cell Viability, Migration, and Epithelial-Mesenchymal Transition in Cervical Cancer Cells. (Wang et al), 2018;40:284–290

## **D**

### **DCEF**

Effect of SDF-1/CXCR4 Pathway on Bone Marrow Mesenchymal Stem Cells Under Direct Current Microelectric Field. (Wu et al), 2018;40:263–269

### **Diabetes mellitus**

Vimentin and Tumor Necrosis Factor- $\alpha$  Expression in Peripheral Nerves in Experimental Diabetic Neuropathy. (Baloglu et al), 2018;40:231–238

### **Diabetic foot**

Vimentin and Tumor Necrosis Factor- $\alpha$  Expression in Peripheral Nerves in Experimental Diabetic Neuropathy. (Baloglu et al), 2018;40:231–238

### **Diabetic neuropathy, painful**

Vimentin and Tumor Necrosis Factor- $\alpha$  Expression in Peripheral Nerves in Experimental Diabetic Neuropathy. (Baloglu et al), 2018;40:231–238

### **Diabetic peripheral neuropathy**

Vimentin and Tumor Necrosis Factor- $\alpha$  Expression in Peripheral Nerves in Experimental Diabetic Neuropathy. (Baloglu et al), 2018;40:231–238

### **Diagnostic value**

HPV L1 Capsid Protein Is Suitable for Distinguishing CIN 2/3 and Cancer from CIN 1 Rather Than from CIN 1 and Lower Conditions. (Chen et al), 2018;40:199–204

### **Diet, food, and nutrition**

Atherosclerotic Rat Model After a High-Fat, High-Sucrose Diet: Protective Role of Quercetin, O-Coumaric, and Berberine. (Omar et al), 2018;40:76–84

### **Diet, high-fat**

Atherosclerotic Rat Model After a High-Fat, High-Sucrose Diet: Protective Role of Quercetin, O-Coumaric, and Berberine. (Omar et al), 2018;40:76–84



**Diet surveys**

Atherosclerotic Rat Model After a High-Fat, High-Sucrose Diet: Protective Role of Quercetin, O-Coumaric, and Berberine. (Omar et al), 2018;40:76–84

**Dietary sucrose**

Atherosclerotic Rat Model After a High-Fat, High-Sucrose Diet: Protective Role of Quercetin, O-Coumaric, and Berberine. (Omar et al), 2018;40:76–84

**Differential diagnosis**

Tissue HE4 Expression Distinguishes Pulmonary Adenocarcinoma from Squamous Cell Carcinoma and Small Cell Carcinoma: Correlation with TTF-1 and Napsin-A. (Bulut and Celik), 2018;40:1–8

**Differentiation**

Effect of SDF-1/CXCR4 Pathway on Bone Marrow Mesenchymal Stem Cells Under Direct Current Microelectric Field. (Wu et al), 2018;40:263–269

**Direct current electric field**

Effect of SDF-1/CXCR4 Pathway on Bone Marrow Mesenchymal Stem Cells Under Direct Current Microelectric Field. (Wu et al), 2018;40:263–269

**DNA, neoplasm**

Combination of Flow Cytometry and Image Cytometry for Detecting DNA Aneuploidy and Improving the Diagnostic Efficiency of Effusion. (He et al), 2018;40:85–90

**Dopamine receptors**

Protective Effect of Lycopene in a Mouse Model of Parkinson's Disease via Reducing Oxidative Stress and Apoptosis. (Man and Bi), 2018;40:253–258

**Doxorubicin**

Overexpression of miR-134 Enhanced the Sensitivity of Breast Cancer Cells to Doxorubicin by Downregulating ABCC1 Expression. (Wang et al), 2018;40:161–167

**Drugs, Chinese herbal**

Kanglaite Enhances Nedaplatin-Induced Inhibition of Cell Viability, Migration, and Epithelial-Mesenchymal Transition in Cervical Cancer Cells. (Wang et al), 2018;40:284–290

**Duchenne muscular dystrophy**

Spermatogenesis in Mdx Mouse Model of Duchenne Muscular Dystrophy. (Braz et al), 2018;40:125–131

**Dystrophin**

Spermatogenesis in Mdx Mouse Model of Du-

chenne Muscular Dystrophy. (Braz et al), 2018;40:125–131

**E****Enos**

Pterostilbene Attenuates Inflammation in Rat Heart Subjected to Ischemia-Reperfusion via eNOS Activation. (Zhang et al), 2018;40:132–140

**Epithelial-mesenchymal transition**

Kanglaite Enhances Nedaplatin-Induced Inhibition of Cell Viability, Migration, and Epithelial-Mesenchymal Transition in Cervical Cancer Cells. (Wang et al), 2018;40:284–290

**Estrogen**

Effects of Clomiphene Citrate on Bone Damage in the Tibial Bones of Ovariectomized Rats. (Murat and Engin), 2018;40:213–221

**Estrogen receptors**

Effects of Clomiphene Citrate on Bone Damage in the Tibial Bones of Ovariectomized Rats. (Murat and Engin), 2018;40:213–221

**F****FISH technique**

Urine Cytology and UroVysion Fluorescence in Situ Hybridization of Renal Cell Carcinoma: A Case Report. (Chen et al), 2018;40:43–48

**Flow cytometry**

Combination of Flow Cytometry and Image Cytometry for Detecting DNA Aneuploidy and Improving the Diagnostic Efficiency of Effusion. (He et al), 2018;40:85–90

**FLT3 ITD**

Comparative Analysis of Karyometric Parameters in Acute Myeloid Leukemia Blasts and FLT3 ITD Mutation Status. (Govedarovic et al), 2018;40:193–198

**Fluorescent in situ hybridization**

Urine Cytology and UroVysion Fluorescence in Situ Hybridization of Renal Cell Carcinoma: A Case Report. (Chen et al), 2018;40:43–48

**Frozen section**

Testicular Fibrous Pseudotumor: The Role of Ultrasound Examination and Intraoperative Frozen Section to Prevent Unnecessary Orchiectomy. (Olivero et al), 2018;40:106–107 (Letter)

**Fungicides**

Liver Evaluation of Pigs Exposed to the Fungicide Captan. (Souza et al), 2018;40:176–182

## G

**Gallbladder**

From Kidney to Gallbladder: The Amazing Journey of Cancer. (Antonelli et al), 2018;40:159–160 (Letter)

**Gastric cancer**

Effect of Yiqi Bushen Recipe on Expression of Notch1 and Jagged1 in Tumor Cells of Mouse Gastric Cancer Model. (Liu et al), 2018;40:246–252

**Gastrointestinal stromal tumor**

Mixed Epithelial Stromal Tumor of the Kidney with Polypoid Pattern: A Case Report. (Vidal et al), 2018;40:205–208

**Glioblastoma**

Expression of CCN3 in Glioblastoma Cells and the Effects on Migration. (Lin et al), 2018;40:27–32

**Graft rejection**

Association of 2 Polymorphisms in Transforming Growth Factor Beta 1 and Their Effect on the Risk of Acute Liver Graft Rejection. (Yu et al), 2018;40:168–175

**Grafting, liver**

Association of 2 Polymorphisms in Transforming Growth Factor Beta 1 and Their Effect on the Risk of Acute Liver Graft Rejection. (Yu et al), 2018;40:168–175

## H

**H29 colon cancer**

Effects of Luteolin on the Expressions of TGF- $\beta$ 1R II, NF- $\kappa$ B, and VEGF Genes in Tumor Tissues of Mice with H29 Colon Cancer. (Kuai et al), 2018;40:69–75

**Hamartoma**

Mixed Epithelial Stromal Tumor of the Kidney with Polypoid Pattern: A Case Report. (Vidal et al), 2018;40:205–208

**HE4**

Tissue HE4 Expression Distinguishes Pulmonary Adenocarcinoma from Squamous Cell Carcinoma and Small Cell Carcinoma: Correlation with TTF-1 and Napsin-A. (Bulut and Celik), 2018;40:1–8

**Head injury, blunt**

Protective Effect of *Potentilla fulgens* on Changes in Cerebellum Following Traumatic Head Injury. (Hüseyin et al), 2018;40:33–42

**Head trauma**

Protective Effect of *Potentilla fulgens* on Changes

in Cerebellum Following Traumatic Head Injury. (Hüseyin et al), 2018;40:33–42

**Hepatic anisonucleosis**

Liver Evaluation of Pigs Exposed to the Fungicide Captan. (Souza et al), 2018;40:176–182

**Hepatic transplantation**

Association of 2 Polymorphisms in Transforming Growth Factor Beta 1 and Their Effect on the Risk of Acute Liver Graft Rejection. (Yu et al), 2018;40:168–175

**High-fat-sucrose diet**

Atherosclerotic Rat Model After a High-Fat, High-Sucrose Diet: Protective Role of Quercetin, O-Coumaric, and Berberine. (Omar et al), 2018;40:76–84

**Histological labeling**

Multiple Sections per Slide for Immunohistochemistry: A Cost-Effective Alternative in Resource-Limited Settings. (Bychkov and Jain), 2018;40:211–212 (Letter)

**Histological score**

Schlafen 11 Assessment in High-Grade Serous Ovarian Carcinoma: Phenotypic and Histological Distribution. (Ferraioli et al), 2018;40:222–230

**Histology**

Microwave Tissue Dehydration: A Fast and Reliable Tissue-Processing Method in Pathology. (Li et al), 2018;40:63–68

**Histotechnology**

Microwave Tissue Dehydration: A Fast and Reliable Tissue-Processing Method in Pathology. (Li et al), 2018;40:63–68

**HPV L1 capsid protein**

HPV L1 Capsid Protein Is Suitable for Distinguishing CIN 2/3 and Cancer from CIN 1 Rather Than from CIN 1 and Lower Conditions. (Chen et al), 2018;40:199–204

**Human epididymis 4 protein**

Tissue HE4 Expression Distinguishes Pulmonary Adenocarcinoma from Squamous Cell Carcinoma and Small Cell Carcinoma: Correlation with TTF-1 and Napsin-A. (Bulut and Celik), 2018;40:1–8

## I

**Image cytometry**

Combination of Flow Cytometry and Image Cytometry for Detecting DNA Aneuploidy and Improving the Diagnostic Efficiency of Effusion. (He et al), 2018;40:85–90

**Immunity**

Immunohistochemical Features of the Pseudomyxoma Peritonei Microenvironment: An Opportunity for Clinicians. (Grizzi et al), 2018;40:109–115

**Immunocytochemistry**

HPV L1 Capsid Protein Is Suitable for Distinguishing CIN 2/3 and Cancer from CIN 1 Rather Than from CIN 1 and Lower Conditions. (Chen et al), 2018;40:199–204

**Immunohistochemistry**

Lymphoid Infiltrate and ERG Status in Prostatic Carcinoma. (Mitek et al), 2018;40:183–192

Microwave Tissue Dehydration: A Fast and Reliable Tissue-Processing Method in Pathology. (Li et al), 2018;40:63–68

Multiple Sections per Slide for Immunohistochemistry: A Cost-Effective Alternative in Resource-Limited Settings. (Bychkov and Jain), 2018;40:211–212 (Letter)

Oxidative and Immunohistochemical Changes in Various Tissues of Rats Exposed to Cigarette Smoking. (Ahmet et al), 2018;40:141–148

Pseudoangiosarcomatous Urothelial Bladder Carcinoma: A Report of Two New Cases with Clinicopathological and Immunohistochemical Findings: Importance of Recognizing This Rare Morphological Pattern. (Rodríguez-Aguilar et al), 2018;40:49–53

Schlafen 11 Assessment in High-Grade Serous Ovarian Carcinoma: Phenotypic and Histological Distribution. (Ferraioli et al), 2018;40:222–230

**In situ hybridization, fluorescence**

Urine Cytology and UroVysion Fluorescence in Situ Hybridization of Renal Cell Carcinoma: A Case Report. (Chen et al), 2018;40:43–48

**Industrial fungicides**

Liver Evaluation of Pigs Exposed to the Fungicide Captan. (Souza et al), 2018;40:176–182

**Infertility**

Ligneous Cervicitis: Rare Cause of Infertility Mimicking Cervical Adenocarcinoma: A Multidisciplinary Approach. (Piol et al), 2018;40:259–262

**Intraoperative imprint cytology**

Intraoperative Imprint Cytology of Sentinel Lymph Node in Breast Cancer After Negative Preoperative Ultrasound Assessment of Axilla: How Many Second Operations Are Avoided? (Sakai et al), 2018;40:57–62

**Intravenous fluids**

Resuscitation with Ringer's Lactate, Hydroxyethyl Starch, and Albumin Did Not Improve Myocardial Mitochondrial Dysfunction in Septic Rats. (Liu et al), 2018;40:20–26

**Ischemia/reperfusion injury**

Effects of Caffeic Acid Phenethyl Ester on Testicular Torsion/Detorsion Injury in Rats. (İpek et al), 2018;40:270–276

Pterostilbene Attenuates Inflammation in Rat Heart Subjected to Ischemia-Reperfusion via eNOS Activation. (Zhang et al), 2018;40:132–140

**J****Jagged1 protein**

Effect of Yiqi Bushen Recipe on Expression of Notch1 and Jagged1 in Tumor Cells of Mouse Gastric Cancer Model. (Liu et al), 2018;40:246–252

**K****Kanglaite**

Kanglaite Enhances Nedaplatin-Induced Inhibition of Cell Viability, Migration, and Epithelial-Mesenchymal Transition in Cervical Cancer Cells. (Wang et al), 2018;40:284–290

**Karyometry**

Comparative Analysis of Karyometric Parameters in Acute Myeloid Leukemia Blasts and FLT3 ITD Mutation Status. (Govedarovic et al), 2018;40:193–198

**Ki-67**

Detection of Ki67 Expression by Analyzing Texture of Hematoxylin-and-Eosin-Stained Images, the Effectiveness of Signal Intensity, and Co-occurrence Matrix Features. (Kimura et al), 2018;40:9–19

**Kidney**

Mixed Epithelial Stromal Tumor of the Kidney with Polypoid Pattern: A Case Report. (Vidal et al), 2018;40:205–208

Urine Cytology and UroVysion Fluorescence in Situ Hybridization of Renal Cell Carcinoma: A Case Report. (Chen et al), 2018;40:43–48

**Kidney neoplasm**

Mixed Epithelial Stromal Tumor of the Kidney with Polypoid Pattern: A Case Report. (Vidal et al), 2018;40:205–208

## L

**Laterocervical lymph node**

Metastasis of Papillary Renal Cell Carcinoma in a Neck Lymph Node. (Pitto et al), 2018;40:291–292 (Letter)

**Leukemia**

Comparative Analysis of Karyometric Parameters in Acute Myeloid Leukemia Blasts and FLT3 ITD Mutation Status. (Govedarovic et al), 2018;40:193–198

**Leukocyte common antigens**

Lymphoid Infiltrate and ERG Status in Prostatic Carcinoma. (Mitek et al), 2018;40:183–192

**Ligneous cervicitis**

Ligneous Cervicitis: Rare Cause of Infertility Mimicking Cervical Adenocarcinoma: A Multidisciplinary Approach. (Piol et al), 2018;40:259–262

**Liver transplantation**

Association of 2 Polymorphisms in Transforming Growth Factor Beta 1 and Their Effect on the Risk of Acute Liver Graft Rejection. (Yu et al), 2018;40:168–175

**Lung carcinoma**

Tissue HE4 Expression Distinguishes Pulmonary Adenocarcinoma from Squamous Cell Carcinoma and Small Cell Carcinoma: Correlation with TTF-1 and Napsin-A. (Bulut and Celik), 2018;40:1–8

**Luteolin**

Effects of Luteolin on the Expressions of TGF- $\beta$ 1R II, NF- $\kappa$ B, and VEGF Genes in Tumor Tissues of Mice with H29 Colon Cancer. (Kuai et al), 2018;40:69–75

**Lycopene**

Protective Effect of Lycopene in a Mouse Model of Parkinson's Disease via Reducing Oxidative Stress and Apoptosis. (Man and Bi), 2018;40:253–258

**Lymphocytes**

Lymphoid Infiltrate and ERG Status in Prostatic Carcinoma. (Mitek et al), 2018;40:183–192

## M

**Macrophage migration inhibitory factor**

Effects of Macrophage Migration Inhibitory Factor, Vascular Endothelial Growth Factor, CD34-Labeled Microvessel Density, and Inhibitor of Growth 4 on the Onset, Progression, and Angiogenesis of Prostate Cancer and Their Correlation. (Wang and Liang), 2018;40:91–99

**Male**

Lymphoid Infiltrate and ERG Status in Prostatic Carcinoma. (Mitek et al), 2018;40:183–192

**Malondialdehyde**

Oxidative and Immunohistochemical Changes in Various Tissues of Rats Exposed to Cigarette Smoking. (Ahmet et al), 2018;40:141–148

**Medullary thyroid cancer**

Simultaneous Medullary and Renal Cell Carcinoma: Primary and Secondary Neoplasms in the Thyroid. (Campora et al), 2018;40:209–210 (Letter)

**Melanin**

Blue Nevus of the Prostate: Is It Truly a Rare Lesion? (Piol et al), 2018;40:54–55 (Letter)

**Melanocytes**

Blue Nevus of the Prostate: Is It Truly a Rare Lesion? (Piol et al), 2018;40:54–55 (Letter)

**Mesenchymal stem cells**

Effect of SDF-1/CXCR4 Pathway on Bone Marrow Mesenchymal Stem Cells Under Direct Current Microelectric Field. (Wu et al), 2018;40:263–269

**Mesoblastic nephroma**

Mixed Epithelial Stromal Tumor of the Kidney with Polypoid Pattern: A Case Report. (Vidal et al), 2018;40:205–208

**Meta-analysis**

Association of 2 Polymorphisms in Transforming Growth Factor Beta 1 and Their Effect on the Risk of Acute Liver Graft Rejection. (Yu et al), 2018;40:168–175

**Metastasis**

From Kidney to Gallbladder: The Amazing Journey of Cancer. (Antonelli et al), 2018;40:159–160 (Letter)

Metastasis of Papillary Renal Cell Carcinoma in a Neck Lymph Node. (Pitto et al), 2018;40:291–292 (Letter)

**MicroRNAs**

Overexpression of miR-134 Enhanced the Sensitivity of Breast Cancer Cells to Doxorubicin by Downregulating ABCC1 Expression. (Wang et al), 2018;40:161–167

**Microvessel density**

Effects of Macrophage Migration Inhibitory Factor, Vascular Endothelial Growth Factor, CD34-Labeled Microvessel Density, and Inhibitor of Growth 4 on the Onset, Progression, and Angiogenesis of Prostate Cancer and Their Correlation. (Wang and Liang), 2018;40:91–99



**Microwave tissue dehydration**

Microwave Tissue Dehydration: A Fast and Reliable Tissue-Processing Method in Pathology. (Li et al), 2018;40:63–68

**Migration**

Expression of CCN3 in Glioblastoma Cells and the Effects on Migration. (Lin et al), 2018;40:27–32

**MiR-134**

Overexpression of miR-134 Enhanced the Sensitivity of Breast Cancer Cells to Doxorubicin by Downregulating ABCC1 Expression. (Wang et al), 2018;40:161–167

**Mixed epithelial stromal tumor**

Mixed Epithelial Stromal Tumor of the Kidney with Polypoid Pattern: A Case Report. (Vidal et al), 2018;40:205–208

**Molecular mechanisms of pharmacological action**

Effect of Yiqi Bushen Recipe on Expression of Notch1 and Jagged1 in Tumor Cells of Mouse Gastric Cancer Model. (Liu et al), 2018;40:246–252

**Morphometry**

Comparative Analysis of Karyometric Parameters in Acute Myeloid Leukemia Blasts and FLT3 ITD Mutation Status. (Govedarovic et al), 2018;40:193–198

**MPTP**

Protective Effect of Lycopene in a Mouse Model of Parkinson's Disease via Reducing Oxidative Stress and Apoptosis. (Man and Bi), 2018;40:253–258

**Multidisciplinary team**

Ligneous Cervicitis: Rare Cause of Infertility Mimicking Cervical Adenocarcinoma: A Multidisciplinary Approach. (Piol et al), 2018;40:259–262

**Multifocal**

Blue Nevus of the Prostate: Is It Truly a Rare Lesion? (Piol et al), 2018;40:54–55 (Letter)

**Muscular dystrophy**

Spermatogenesis in Mdx Mouse Model of Duchenne Muscular Dystrophy. (Braz et al), 2018;40:125–131

**Myeloblast**

Comparative Analysis of Karyometric Parameters in Acute Myeloid Leukemia Blasts and FLT3 ITD Mutation Status. (Govedarovic et al), 2018;40:193–198

**Myocardial mitochondrial dysfunction**

Resuscitation with Ringer's Lactate, Hydroxyethyl Starch, and Albumin Did Not Improve

Myocardial Mitochondrial Dysfunction in Septic Rats. (Liu et al), 2018;40:20–26

**Myopathy**

Spermatogenesis in Mdx Mouse Model of Duchenne Muscular Dystrophy. (Braz et al), 2018;40:125–131

**N****N-Trichloromethylthio-4-cyclohexane-1,2-dicarboximide**

Liver Evaluation of Pigs Exposed to the Fungicide Captan. (Souza et al), 2018;40:176–182

**Nedaplatin**

Kanglaite Enhances Nedaplatin-Induced Inhibition of Cell Viability, Migration, and Epithelial-Mesenchymal Transition in Cervical Cancer Cells. (Wang et al), 2018;40:284–290

**Neoplastic stem cells**

Effect of Yiqi Bushen Recipe on Expression of Notch1 and Jagged1 in Tumor Cells of Mouse Gastric Cancer Model. (Liu et al), 2018;40:246–252

**Nephroblastoma**

The Roles of Notch and Wnt Signaling Pathways in the Pathogenesis of Wilms Tumor. (Li et al), 2018;40:239–245

**Neurodegenerative diseases**

Protective Effect of Lycopene in a Mouse Model of Parkinson's Disease via Reducing Oxidative Stress and Apoptosis. (Man and Bi), 2018;40:253–258

**Neuropathy**

Vimentin and Tumor Necrosis Factor- $\alpha$  Expression in Peripheral Nerves in Experimental Diabetic Neuropathy. (Baloglu et al), 2018;40:231–238

**Neuropilin-1**

NRP-1 Silencing Suppresses Bladder Cancer Cell Line Proliferation Both in Vitro and in Vivo. (Fu et al), 2018;40:277–283

**Neurotoxins**

Protective Effect of Lycopene in a Mouse Model of Parkinson's Disease via Reducing Oxidative Stress and Apoptosis. (Man and Bi), 2018;40:253–258

**Neutrophil**

Pterostilbene Attenuates Inflammation in Rat Heart Subjected to Ischemia-Reperfusion via eNOS Activation. (Zhang et al), 2018;40:132–140

**NF- $\kappa$ B**

Effects of Luteolin on the Expressions of TGF- $\beta$ 1R II, NF- $\kappa$ B, and VEGF Genes in Tumor Tissues of Mice with H29 Colon Cancer. (Kuai et al), 2018;40:69–75

**Notch proteins**

The Roles of Notch and Wnt Signaling Pathways in the Pathogenesis of Wilms Tumor. (Li et al), 2018;40:239–245

**Notch receptors**

The Roles of Notch and Wnt Signaling Pathways in the Pathogenesis of Wilms Tumor. (Li et al), 2018;40:239–245

**Notch1 and Jagged1 signaling pathway**

Effect of Yiqi Bushen Recipe on Expression of Notch1 and Jagged1 in Tumor Cells of Mouse Gastric Cancer Model. (Liu et al), 2018;40:246–252

**Notch1 protein**

Effect of Yiqi Bushen Recipe on Expression of Notch1 and Jagged1 in Tumor Cells of Mouse Gastric Cancer Model. (Liu et al), 2018;40:246–252

**Notch1 receptor**

Effect of Yiqi Bushen Recipe on Expression of Notch1 and Jagged1 in Tumor Cells of Mouse Gastric Cancer Model. (Liu et al), 2018;40:246–252

**Npn-1 protein**

NRP-1 Silencing Suppresses Bladder Cancer Cell Line Proliferation Both in Vitro and in Vivo. (Fu et al), 2018;40:277–283

**NRP-1 protein**

NRP-1 Silencing Suppresses Bladder Cancer Cell Line Proliferation Both in Vitro and in Vivo. (Fu et al), 2018;40:277–283

**Nucleometry**

Liver Evaluation of Pigs Exposed to the Fungicide Captan. (Souza et al), 2018;40:176–182

**O****O-coumaric**

Atherosclerotic Rat Model After a High-Fat, High-Sucrose Diet: Protective Role of Quercetin, O-Coumaric, and Berberine. (Omar et al), 2018;40:76–84

**Orchiectomy**

Testicular Fibrous Pseudotumor: The Role of Ultrasound Examination and Intraoperative Frozen Section to Prevent Unnecessary Orchiectomy. (Olivero et al), 2018;40:106–107 (Letter)

**Osteogenesis**

Effects of Clomiphene Citrate on Bone Damage in the Tibial Bones of Ovariectomized Rats. (Murat and Engin), 2018;40:213–221

**Osteonectin**

Effects of Clomiphene Citrate on Bone Damage in the Tibial Bones of Ovariectomized Rats. (Murat and Engin), 2018;40:213–221

**Osteopontin**

Effects of Clomiphene Citrate on Bone Damage in the Tibial Bones of Ovariectomized Rats. (Murat and Engin), 2018;40:213–221

**Osteoporosis**

Effects of Clomiphene Citrate on Bone Damage in the Tibial Bones of Ovariectomized Rats. (Murat and Engin), 2018;40:213–221

**Ovarian cancer**

Papillary Carcinoma in Struma Ovarii: A Case Report. (Piol et al), 2018;40:100–105

Schlafen 11 Assessment in High-Grade Serous Ovarian Carcinoma: Phenotypic and Histologica Distribution. (Ferraioli et al), 2018;40:222–230

**Ovarian teratoma**

Papillary Carcinoma in Struma Ovarii: A Case Report. (Piol et al), 2018;40:100–105

**Ovariectomy**

Effects of Clomiphene Citrate on Bone Damage in the Tibial Bones of Ovariectomized Rats. (Murat and Engin), 2018;40:213–221

**Ovary**

Papillary Carcinoma in Struma Ovarii: A Case Report. (Piol et al), 2018;40:100–105

**Oxidative stress**

Protective Effect of Lycopene in a Mouse Model of Parkinson's Disease via Reducing Oxidative Stress and Apoptosis. (Man and Bi), 2018;40:253–258

**P****Palpation**

Testicular Fibrous Pseudotumor: The Role of Ultrasound Examination and Intraoperative Frozen Section to Prevent Unnecessary Orchiectomy. (Olivero et al), 2018;40:106–107 (Letter)

**Papillary renal cell carcinoma**

Metastasis of Papillary Renal Cell Carcinoma in a Neck Lymph Node. (Pitto et al), 2018;40:291–292 (Letter)

**Parkinson's disease**

Protective Effect of Lycopene in a Mouse Model

of Parkinson's Disease via Reducing Oxidative Stress and Apoptosis. (Man and Bi), 2018;40:253–258

### Pathogenesis

The Roles of Notch and Wnt Signaling Pathways in the Pathogenesis of Wilms Tumor. (Li et al), 2018;40:239–245

### Pelvic neoplasms

Mixed Epithelial Stromal Tumor of the Kidney with Polypoid Pattern: A Case Report. (Vidal et al), 2018;40:205–208

### Pesticides

Liver Evaluation of Pigs Exposed to the Fungicide Captan. (Souza et al), 2018;40:176–182

### Pig

Liver Evaluation of Pigs Exposed to the Fungicide Captan. (Souza et al), 2018;40:176–182

### Pituitary-tumor transforming gene 1

Immunohistochemical Features of the Pseudomyxoma Peritonei Microenvironment: An Opportunity for Clinicians. (Grizzi et al), 2018;40:109–115

### Plant extracts, Chinese

Kanglaite Enhances Nedaplatin-Induced Inhibition of Cell Viability, Migration, and Epithelial-Mesenchymal Transition in Cervical Cancer Cells. (Wang et al), 2018;40:284–290

### Pleural effusion

Combination of Flow Cytometry and Image Cytometry for Detecting DNA Aneuploidy and Improving the Diagnostic Efficiency of Effusion. (He et al), 2018;40:85–90

### Polypoid tumor

Mixed Epithelial Stromal Tumor of the Kidney with Polypoid Pattern: A Case Report. (Vidal et al), 2018;40:205–208

### Postmenopause

Effects of Clomiphene Citrate on Bone Damage in the Tibial Bones of Ovariectomized Rats. (Murat and Engin), 2018;40:213–221

### Potentilla

Protective Effect of *Potentilla fulgens* on Changes in Cerebellum Following Traumatic Head Injury. (Hüseyin et al), 2018;40:33–42

### Prostate

Blue Nevus of the Prostate: Is It Truly a Rare Lesion? (Piol et al), 2018;40:54–55 (Letter)

Effects of Macrophage Migration Inhibitory Factor, Vascular Endothelial Growth Factor, CD34-Labeled Microvessel Density, and Inhibitor of Growth 4 on the Onset, Progression, and Angiogenesis of Prostate Cancer and

Their Correlation. (Wang and Liang), 2018;40:91–99

### Prostate cancer

Effects of Macrophage Migration Inhibitory Factor, Vascular Endothelial Growth Factor, CD34-Labeled Microvessel Density, and Inhibitor of Growth 4 on the Onset, Progression, and Angiogenesis of Prostate Cancer and Their Correlation. (Wang and Liang), 2018;40:91–99

Lymphoid Infiltrate and ERG Status in Prostatic Carcinoma. (Mitek et al), 2018;40:183–192

### Prostate-specific antigen

Lymphoid Infiltrate and ERG Status in Prostatic Carcinoma. (Mitek et al), 2018;40:183–192

### Prostatectomy

Lymphoid Infiltrate and ERG Status in Prostatic Carcinoma. (Mitek et al), 2018;40:183–192

### Prostatic neoplasms

Lymphoid Infiltrate and ERG Status in Prostatic Carcinoma. (Mitek et al), 2018;40:183–192

### Pseudoangiosarcomatous

Pseudoangiosarcomatous Urothelial Bladder Carcinoma: A Report of Two New Cases with Clinicopathological and Immunohistochemical Findings: Importance of Recognizing This Rare Morphological Pattern. (Rodríguez-Aguilar et al), 2018;40:49–53

### Pseudomyxoma peritonei

Immunohistochemical Features of the Pseudomyxoma Peritonei Microenvironment: An Opportunity for Clinicians. (Grizzi et al), 2018;40:109–115

### Pterostilbene

Pterostilbene Attenuates Inflammation in Rat Heart Subjected to Ischemia-Reperfusion via eNOS Activation. (Zhang et al), 2018;40:132–140

## Q

### Quercetin

Atherosclerotic Rat Model After a High-Fat, High-Sucrose Diet: Protective Role of Quercetin, O-Coumaric, and Berberine. (Omar et al), 2018;40:76–84

## R

### Rapid tissue processing

Microwave Tissue Dehydration: A Fast and Reliable Tissue-Processing Method in Pathology. (Li et al), 2018;40:63–68

**Rare diseases**

Papillary Carcinoma in Struma Ovarii: A Case Report. (Piol et al), 2018;40:100–105

**Rats, laboratory**

Protective Effect of *Potentilla fulgens* on Changes in Cerebellum Following Traumatic Head Injury. (Hüseysin et al), 2018;40:33–42

Vimentin and Tumor Necrosis Factor- $\alpha$  Expression in Peripheral Nerves in Experimental Diabetic Neuropathy. (Baloglu et al), 2018;40:231–238

**Renal cell carcinoma**

A Study on the Expression of Vascular Epidermal Growth Factor and Angiotensin II in Clear Cell Renal Cell Carcinoma and Sunitinib in Renal Cell Treatment. (Che et al), 2018;40:116–124

From Kidney to Gallbladder: The Amazing Journey of Cancer. (Antonelli et al), 2018;40:159–160 (Letter)

Metastasis of Papillary Renal Cell Carcinoma in a Neck Lymph Node. (Pitto et al), 2018;40:291–292 (Letter)

Simultaneous Medullary and Renal Cell Carcinoma: Primary and Secondary Neoplasms in the Thyroid. (Campora et al), 2018;40:209–210 (Letter)

Urine Cytology and UroVysion Fluorescence in Situ Hybridization of Renal Cell Carcinoma: A Case Report. (Chen et al), 2018;40:43–48

**Renal pelvis**

Mixed Epithelial Stromal Tumor of the Kidney with Polypoid Pattern: A Case Report. (Vidal et al), 2018;40:205–208

**RNA interference**

Overexpression of miR-134 Enhanced the Sensitivity of Breast Cancer Cells to Doxorubicin by Downregulating ABCC1 Expression. (Wang et al), 2018;40:161–167

**S****Sarcomatoid**

Pseudoangiosarcomatous Urothelial Bladder Carcinoma: A Report of Two New Cases with Clinicopathological and Immunohistochemical Findings: Importance of Recognizing This Rare Morphological Pattern. (Rodríguez-Aguilar et al), 2018;40:49–53

**Schlafen-11**

Schlafen 11 Assessment in High-Grade Serous Ovarian Carcinoma: Phenotypic and Histolog-

ica Distribution. (Ferraioli et al), 2018;40:222–230

**SDF-1/CXCR-4**

Effect of SDF-1/CXCR4 Pathway on Bone Marrow Mesenchymal Stem Cells Under Direct Current Microelectric Field. (Wu et al), 2018;40:263–269

**Sema III receptor**

NRP-1 Silencing Suppresses Bladder Cancer Cell Line Proliferation Both in Vitro and in Vivo. (Fu et al), 2018;40:277–283

**Seminiferous tubules**

Spermatogenesis in Mdx Mouse Model of Duchenne Muscular Dystrophy. (Braz et al), 2018;40:125–131

**Sentinel lymph node biopsy**

Intraoperative Imprint Cytology of Sentinel Lymph Node in Breast Cancer After Negative Preoperative Ultrasound Assessment of Axilla: How Many Second Operations Are Avoided? (Sakai et al), 2018;40:57–62

**Septic cardiomyopathy**

Resuscitation with Ringer's Lactate, Hydroxyethyl Starch, and Albumin Did Not Improve Myocardial Mitochondrial Dysfunction in Septic Rats. (Liu et al), 2018;40:20–26

**Serous high grade ovarian cancer**

Schlafen 11 Assessment in High-Grade Serous Ovarian Carcinoma: Phenotypic and Histologica Distribution. (Ferraioli et al), 2018;40:222–230

**Signal intensity**

Detection of Ki67 Expression by Analyzing Texture of Hematoxylin-and-Eosin-Stained Images, the Effectiveness of Signal Intensity, and Co-occurrence Matrix Features. (Kimura et al), 2018;40:9–19

**Signal pathways**

Effect of Yiqi Bushen Recipe on Expression of Notch1 and Jagged1 in Tumor Cells of Mouse Gastric Cancer Model. (Liu et al), 2018;40:246–252

**Silverweed**

Protective Effect of *Potentilla fulgens* on Changes in Cerebellum Following Traumatic Head Injury. (Hüseysin et al), 2018;40:33–42

**siRNA**

NRP-1 Silencing Suppresses Bladder Cancer Cell Line Proliferation Both in Vitro and in Vivo. (Fu et al), 2018;40:277–283

**SLFN11**

Schlafen 11 Assessment in High-Grade Serous



Ovarian Carcinoma: Phenotypic and Histologica Distribution. (Ferraioli et al), 2018;40:222–230

### Smoking

Oxidative and Immunohistochemical Changes in Various Tissues of Rats Exposed to Cigarette Smoking. (Ahmet et al), 2018;40:141–148

### Spermatic cord torsion

Effects of Caffeic Acid Phenethyl Ester on Testicular Torsion/Detorsion Injury in Rats. (İpek et al), 2018;40:270–276

### Spermatogenesis

Spermatogenesis in Mdx Mouse Model of Duchenne Muscular Dystrophy. (Braz et al), 2018;40:125–131

### Squamous cell carcinoma antigen 1

Immunohistochemical Features of the Pseudomyxoma Peritonei Microenvironment: An Opportunity for Clinicians. (Grizzi et al), 2018;40:109–115

### Staining

Microwave Tissue Dehydration: A Fast and Reliable Tissue-Processing Method in Pathology. (Li et al), 2018;40:63–68

Multiple Sections per Slide for Immunohistochemistry: A Cost-Effective Alternative in Resource-Limited Settings. (Bychkov and Jain), 2018;40:211–212 (Letter)

### Staining and labeling

Multiple Sections per Slide for Immunohistochemistry: A Cost-Effective Alternative in Resource-Limited Settings. (Bychkov and Jain), 2018;40:211–212 (Letter)

### Stereological parameters

Liver Evaluation of Pigs Exposed to the Fungicide Captan. (Souza et al), 2018;40:176–182

### Stereology

Spermatogenesis in Mdx Mouse Model of Duchenne Muscular Dystrophy. (Braz et al), 2018;40:125–131

### Stromal cell-derived factor 1

Effect of SDF-1/CXCR4 Pathway on Bone Marrow Mesenchymal Stem Cells Under Direct Current Microelectric Field. (Wu et al), 2018;40:263–269

### Struma ovarii

Papillary Carcinoma in Struma Ovarii: A Case Report. (Piol et al), 2018;40:100–105

### Sucrose

Atherosclerotic Rat Model After a High-Fat, High-Sucrose Diet: Protective Role of Querce-

tin, O-Coumaric, and Berberine. (Omar et al), 2018;40:76–84

### Sunitinib

A Study on the Expression of Vascular Epidermal Growth Factor and Angiotensin II in Clear Cell Renal Cell Carcinoma and Sunitinib in Renal Cell Treatment. (Che et al), 2018;40:116–124

### Support vector machine

Detection of Ki67 Expression by Analyzing Texture of Hematoxylin-and-Eosin-Stained Images, the Effectiveness of Signal Intensity, and Co-occurrence Matrix Features. (Kimura et al), 2018;40:9–19

## T

### Testes

Effects of Caffeic Acid Phenethyl Ester on Testicular Torsion/Detorsion Injury in Rats. (İpek et al), 2018;40:270–276

Spermatogenesis in Mdx Mouse Model of Duchenne Muscular Dystrophy. (Braz et al), 2018;40:125–131

Testicular Fibrous Pseudotumor: The Role of Ultrasound Examination and Intraoperative Frozen Section to Prevent Unnecessary Orchiectomy. (Olivero et al), 2018;40:106–107 (Letter)

### Testicular fibrous pseudotumor

Testicular Fibrous Pseudotumor: The Role of Ultrasound Examination and Intraoperative Frozen Section to Prevent Unnecessary Orchiectomy. (Olivero et al), 2018;40:106–107 (Letter)

### Testicular torsion

Effects of Caffeic Acid Phenethyl Ester on Testicular Torsion/Detorsion Injury in Rats. (İpek et al), 2018;40:270–276

### Texture analysis

Detection of Ki67 Expression by Analyzing Texture of Hematoxylin-and-Eosin-Stained Images, the Effectiveness of Signal Intensity, and Co-occurrence Matrix Features. (Kimura et al), 2018;40:9–19

### TGF-beta1

Association of 2 Polymorphisms in Transforming Growth Factor Beta 1 and Their Effect on the Risk of Acute Liver Graft Rejection. (Yu et al), 2018;40:168–175

### TGF-β1RII

Effects of Luteolin on the Expressions of TGF-β1R II, NF-κB, and VEGF Genes in Tumor Tis-

sues of Mice with H29 Colon Cancer. (Kuai et al), 2018;40:69–75

### **Thyroid cancer, papillary**

Papillary Carcinoma in Struma Ovarii: A Case Report. (Piol et al), 2018;40:100–105

### **Thyroid gland**

Simultaneous Medullary and Renal Cell Carcinoma: Primary and Secondary Neoplasms in the Thyroid. (Campora et al), 2018;40:209–210 (Letter)

### **Thyroid neoplasms**

Papillary Carcinoma in Struma Ovarii: A Case Report. (Piol et al), 2018;40:100–105

### **Tibia bone**

Effects of Clomiphene Citrate on Bone Damage in the Tibial Bones of Ovariectomized Rats. (Murat and Engin), 2018;40:213–221

### **Tissue stains**

Microwave Tissue Dehydration: A Fast and Reliable Tissue-Processing Method in Pathology. (Li et al), 2018;40:63–68

### **TNF- $\alpha$**

Pterostilbene Attenuates Inflammation in Rat Heart Subjected to Ischemia-Reperfusion via eNOS Activation. (Zhang et al), 2018;40:132–140

Vimentin and Tumor Necrosis Factor- $\alpha$  Expression in Peripheral Nerves in Experimental Diabetic Neuropathy. (Baloglu et al), 2018;40:231–238

### **Tobacco products**

Oxidative and Immunohistochemical Changes in Various Tissues of Rats Exposed to Cigarette Smoking. (Ahmet et al), 2018;40:141–148

### **Torsion of testicular cord**

Effects of Caffeic Acid Phenethyl Ester on Testicular Torsion/Detorsion Injury in Rats. (İpek et al), 2018;40:270–276

### **Traditional Chinese medicine**

Kanglaite Enhances Nedaplatin-Induced Inhibition of Cell Viability, Migration, and Epithelial-Mesenchymal Transition in Cervical Cancer Cells. (Wang et al), 2018;40:284–290

### **Transforming growth factor beta1**

Association of 2 Polymorphisms in Transforming Growth Factor Beta 1 and Their Effect on the Risk of Acute Liver Graft Rejection. (Yu et al), 2018;40:168–175

### **Transplant rejection**

Association of 2 Polymorphisms in Transforming Growth Factor Beta 1 and Their Effect on the

Risk of Acute Liver Graft Rejection. (Yu et al), 2018;40:168–175

### **Transplantation rejection**

Association of 2 Polymorphisms in Transforming Growth Factor Beta 1 and Their Effect on the Risk of Acute Liver Graft Rejection. (Yu et al), 2018;40:168–175

### **Tumor biopsies**

Multifocal Clonal Evolution Characterized Using Circulating Tumor DNA Compared with Tumor Biopsies in Metastatic Colorectal Cancer by Targeted Next Generation Sequencing. (Li et al), 2018;40:149–158

### **Tumor DNA**

Multifocal Clonal Evolution Characterized Using Circulating Tumor DNA Compared with Tumor Biopsies in Metastatic Colorectal Cancer by Targeted Next Generation Sequencing. (Li et al), 2018;40:149–158

### **Tumor metastasis**

Effect of Yiqi Bushen Recipe on Expression of Notch1 and Jagged1 in Tumor Cells of Mouse Gastric Cancer Model. (Liu et al), 2018;40:246–252

### **Tumor microenvironment**

Expression of CCN3 in Glioblastoma Cells and the Effects on Migration. (Lin et al), 2018;40:27–32

### **Tumor necrosis factor- $\alpha$**

Vimentin and Tumor Necrosis Factor- $\alpha$  Expression in Peripheral Nerves in Experimental Diabetic Neuropathy. (Baloglu et al), 2018;40:231–238

### **Tumorigenesis**

NRP-1 Silencing Suppresses Bladder Cancer Cell Line Proliferation Both in Vitro and in Vivo. (Fu et al), 2018;40:277–283

## **U**

### **Ultrasound**

Testicular Fibrous Pseudotumor: The Role of Ultrasound Examination and Intraoperative Frozen Section to Prevent Unnecessary Orchiectomy. (Olivero et al), 2018;40:106–107 (Letter)

### **Urine cytology**

Urine Cytology and UroVysion Fluorescence in Situ Hybridization of Renal Cell Carcinoma: A Case Report. (Chen et al), 2018;40:43–48

### **Urothelial bladder carcinomas**

Pseudoangiosarcomatous Urothelial Bladder Carcinoma: A Report of Two New Cases with

Clinicopathological and Immunohistochemical Findings: Importance of Recognizing This Rare Morphological Pattern. (Rodríguez-Aguilar et al), 2018;40:49–53

#### **Uterine cervicitis**

Ligneous Cervicitis: Rare Cause of Infertility Mimicking Cervical Adenocarcinoma: A Multidisciplinary Approach. (Piol et al), 2018;40:259–262

### **V**

#### **Vancide 89**

Liver Evaluation of Pigs Exposed to the Fungicide Captan. (Souza et al), 2018;40:176–182

#### **Vascular endothelial growth factor**

Effects of Macrophage Migration Inhibitory Factor, Vascular Endothelial Growth Factor, CD34-Labeled Microvessel Density, and Inhibitor of Growth 4 on the Onset, Progression, and Angiogenesis of Prostate Cancer and Their Correlation. (Wang and Liang), 2018;40:91–99

The Roles of Notch and Wnt Signaling Pathways in the Pathogenesis of Wilms Tumor. (Li et al), 2018;40:239–245

#### **Vascular epidermal growth factors**

A Study on the Expression of Vascular Epidermal Growth Factor and Angiotensin II in Clear Cell Renal Cell Carcinoma and Sunitinib in Renal Cell Treatment. (Che et al), 2018;40:116–124

#### **VEGFs**

A Study on the Expression of Vascular Epi-

dermal Growth Factor and Angiotensin II in Clear Cell Renal Cell Carcinoma and Sunitinib in Renal Cell Treatment. (Che et al), 2018;40:116–124

Effects of Luteolin on the Expressions of TGF- $\beta$ 1R II, NF- $\kappa$ B, and VEGF Genes in Tumor Tissues of Mice with H29 Colon Cancer. (Kuai et al), 2018;40:69–75

The Roles of Notch and Wnt Signaling Pathways in the Pathogenesis of Wilms Tumor. (Li et al), 2018;40:239–245

#### **Vimentin**

Vimentin and Tumor Necrosis Factor- $\alpha$  Expression in Peripheral Nerves in Experimental Diabetic Neuropathy. (Baloglu et al), 2018;40:231–238

### **W**

#### **Wilms tumor**

The Roles of Notch and Wnt Signaling Pathways in the Pathogenesis of Wilms Tumor. (Li et al), 2018;40:239–245

#### **Wnt pathway**

The Roles of Notch and Wnt Signaling Pathways in the Pathogenesis of Wilms Tumor. (Li et al), 2018;40:239–245

### **Y**

#### **Yiqi Bushen recipe**

Effect of Yiqi Bushen Recipe on Expression of Notch1 and Jagged1 in Tumor Cells of Mouse Gastric Cancer Model. (Liu et al), 2018;40:246–252