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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- α 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- κ B

Effects of Luteolin on the Expressions of TGF- β 1R II, NF- κ 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

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

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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- α 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

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Testes

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

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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-

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Thyroid cancer, papillary

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Thyroid gland

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

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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

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TNF- α

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- α 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

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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

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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- α

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

Tumorigenesis

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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

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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

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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- β 1R II, NF- κ 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- α Expression in Peripheral Nerves in Experimental Diabetic Neuropathy. (Baloglu et al), 2018;40:231–238

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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

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