

# Subject Index

## Volume 39, 2017

Contributor index on page 332.

### A

#### Abberant tissue

Choristoma of the Tonsil: A Rare Diagnosis: A Case Report. (Gupta et al), 2017;39:50–52

#### Activated clotting time

Myocardial Protective Effects of Bivalirudin on the Improvement of Coronary Microcirculation Obstruction. (Ding et al), 2017;39:254–258

#### Adenocarcinoma

EGFR, ERCC1, TUBB3, TYMS, and RRM1 Expressions in Malignant Pleural Effusions from Patients with Adenocarcinoma Non–Small Cell Lung Cancer and Their Biological Significance. (Liu et al), 2017;39:182–186

#### Adenoids

Choristoma of the Tonsil: A Rare Diagnosis: A Case Report. (Gupta et al), 2017;39:50–52

#### African ostrich

Distribution and Morphology of Ghrelin-Immunopositive Cells in the Spleen of the African Ostrich. (Ye et al), 2017;39:277–282

#### Agarose

Agarose Floor Technique: A Simple Scaffold-Free Method for 3D Cell Culture and Multicellular Tumor Spheroid Formation. (Rivera), 2017;39:114–115 (Letter)

#### Alendronate

Ultrastructural Alterations in the Rat Kidney After Alendronate Administration: A Pilot Study. (Milioglou et al), 2017;39:117–126

#### Altitude sickness

Does *Ginkgo biloba* Protect Developing Testes from Chronic Hypobaric Hypoxia? (Gül et al), 2017; 39:317–325

#### Aneuploid tumors

Young Breast Cancer Patients Aged <40 Years

and Tumor DNA Ploidy Progression. (Sennerstam et al), 2017;39:57–68

#### Angiosarcoma

Brachytherapy-Associated Angiosarcoma of the Bladder-Prostate with Splenic Metastasis: A Case Report. (Rodríguez-Aguilar et al), 2017;39: 326–330

#### Animal model

Glomerular Hypertrophy and Hyperfiltration in Obesity-Related Diabetic (*ob/ob*) Mouse. (Tokunaga et al), 2017;39:223–230

#### Apoptosis

Cell Proliferation Plays an Important Role in the Recurrence of Human Pterygia. (Liang et al), 2017;39:87–93

Evaluation of Antiproliferative Activities of Rutin on Human Colon Cancer LoVo Cells and Breast Cancer MCF-7 Cells. (Yang et al), 2017; 39:99–107

Oxidative Damage and Histopathological Changes in the Adult Male Sprague Dawley Rat Liver Following Exposure to a Continuous 900-MHz Electromagnetic Field Throughout the Entire Adolescent Period. (Kerimoğlu and Odacı), 2017;39:134–140

#### Apoptosis-related cytokine

Effects of Tanshinone IIA on Oxidative Stress and Apoptosis-Related Cytokine Expressions of Human Peritoneal Mesothelial Cells. (Xia et al), 2017;39:45–49

### B

#### Bcl-2 genes

Expressions of FHIT, BCRP, and Bcl-2 Proteins in Breast Invasive Ductal Carcinoma. (Yun et al), 2017;39:201–207

**BCRP**

Expressions of FHIT, BCRP, and Bcl-2 Proteins in Breast Invasive Ductal Carcinoma. (Yun et al), 2017;39:201–207

**Biochemistry**

Oxidative Damage and Histopathological Changes in the Adult Male Sprague Dawley Rat Liver Following Exposure to a Continuous 900-MHz Electromagnetic Field Throughout the Entire Adolescent Period. (Kerimoğlu and Odacı), 2017;39:134–140

**Bisphosphonates**

Ultrastructural Alterations in the Rat Kidney After Alendronate Administration: A Pilot Study. (Milioglou et al), 2017;39:117–126

**Bivalirudin**

Myocardial Protective Effects of Bivalirudin on the Improvement of Coronary Microcirculation Obstruction. (Ding et al), 2017;39:254–258

**Bladder cancer**

Nested Type Bladder Cancer: A Tricky Entity: A Report of Two Cases. (Zucchi et al), 2017;39:108–113

**Blood coagulation**

Myocardial Protective Effects of Bivalirudin on the Improvement of Coronary Microcirculation Obstruction. (Ding et al), 2017;39:254–258

**Blood platelets**

Histomorphometric Assessment of Bone Marrow Megakaryocytes in the Course of Experimental Liver Damage. (Ostrowski et al), 2017;39:80–86

**Blood-brain barrier**

Neuroprotective Effects of Lamotrigine on Brain Injury in Rats. (Ozevren and Devenci), 2017;39:163–174

**Bone marrow**

Histomorphometric Assessment of Bone Marrow Megakaryocytes in the Course of Experimental Liver Damage. (Ostrowski et al), 2017;39:80–86

Transplantation of *Klotho*-Overexpressed Bone Marrow Mesenchymal Stem Cells Ameliorates Heart Failure in Rats. (Wang et al), 2017;39:302–310

**Brachytherapy**

Brachytherapy-Associated Angiosarcoma of the Bladder-Prostate with Splenic Metastasis: A Case Report. (Rodríguez-Aguilar et al), 2017;39:326–330

**Brain glioma**

Quantitative Analysis of Stereological Param-

eters on Tumor Cell Nuclei in Gliomas with Various Histological Grading. (Pan and Shen), 2017;39:187–191

**Branchioma**

Branchiogenic Carcinoma Associated with High-Risk Human Papillomavirus Infection and p16 Expression: A Case Report. (Pan et al), 2017;39:53–56

**Breast cancer MCF-7 cells**

Evaluation of Antiproliferative Activities of Rutin on Human Colon Cancer LoVo Cells and Breast Cancer MCF-7 Cells. (Yang et al), 2017;39:99–107

**Breast cancer resistance protein**

Expressions of FHIT, BCRP, and Bcl-2 Proteins in Breast Invasive Ductal Carcinoma. (Yun et al), 2017;39:201–207

**Breast invasive ductal carcinoma**

Expressions of FHIT, BCRP, and Bcl-2 Proteins in Breast Invasive Ductal Carcinoma. (Yun et al), 2017;39:201–207

**Breast neoplasms**

Evaluation of Antiproliferative Activities of Rutin on Human Colon Cancer LoVo Cells and Breast Cancer MCF-7 Cells. (Yang et al), 2017;39:99–107

Expressions of FHIT, BCRP, and Bcl-2 Proteins in Breast Invasive Ductal Carcinoma. (Yun et al), 2017;39:201–207

Metastatic Neoplasms to the Breast Diagnosed by Fine Needle Aspiration and Core Needle Biopsy: Clinicopathologic and Cytomorphologic Correlation. (Miyazaki et al), 2017;39:69–79

**Burns**

Stereological Study of Epidermis in Human Skin Grafts on Nude Athymic Mice. (Zou et al), 2017;39:295–301

**Butyl phthalate**

Protective Effect of Resveratrol in Di-n-butyl Phthalate-Induced Nephrotoxicity: Immunohistochemical and Ultrastructural Studies. (Elmas et al), 2017;39:17–34

**C****C-bcl-2 proto-oncogenes**

Expressions of FHIT, BCRP, and Bcl-2 Proteins in Breast Invasive Ductal Carcinoma. (Yun et al), 2017;39:201–207

**Cancer stem cells**

Proliferation and Dedifferentiation: The Initia-

tion and Progression of Tumors. (Zhang et al), 2017;39:265–276

#### **Carcinoma, large cell**

Sarcomatoid Large Cell Neuroendocrine Carcinoma of the Kidney: A Case Report. (Gönül et al), 2017;39:283–289

#### **Carcinoma, neuroendocrine**

Sarcomatoid Large Cell Neuroendocrine Carcinoma of the Kidney: A Case Report. (Gönül et al), 2017;39:283–289

#### **Carcinoma, renal cell**

Sarcomatoid Large Cell Neuroendocrine Carcinoma of the Kidney: A Case Report. (Gönül et al), 2017;39:283–289

#### **Cartilage**

Choristoma of the Tonsil: A Rare Diagnosis: A Case Report. (Gupta et al), 2017;39:50–52

#### **CASP3**

Protective Effect of Resveratrol in Di-n-butyl Phthalate-Induced Nephrotoxicity: Immunohistochemical and Ultrastructural Studies. (Elmas et al), 2017;39:17–34

#### **Caspase-3**

Protective Effect of Resveratrol in Di-n-butyl Phthalate-Induced Nephrotoxicity: Immunohistochemical and Ultrastructural Studies. (Elmas et al), 2017;39:17–34

#### **CD133 antigen**

Prognostic Value of Tumoral Stem Cells in Glioblastoma: Immunohistochemical Study of CD133 and HTERT Expression. (Rute et al), 2017;39:259–264

#### **Cell apoptosis analysis**

Evaluation of Antiproliferative Activities of Rutin on Human Colon Cancer LoVo Cells and Breast Cancer MCF-7 Cells. (Yang et al), 2017; 39:99–107

#### **Cell cycle analysis**

Evaluation of Antiproliferative Activities of Rutin on Human Colon Cancer LoVo Cells and Breast Cancer MCF-7 Cells. (Yang et al), 2017; 39:99–107

#### **Cell dedifferentiation**

Proliferation and Dedifferentiation: The Initiation and Progression of Tumors. (Zhang et al), 2017;39:265–276

#### **Cell phones**

Oxidative Damage and Histopathological Changes in the Adult Male Sprague Dawley Rat Liver Following Exposure to a Continuous 900-MHz Electromagnetic Field Throughout

the Entire Adolescent Period. (Kerimoğlu and Odacı), 2017;39:134–140

#### **Cell proliferation**

Cell Proliferation Plays an Important Role in the Recurrence of Human Pterygia. (Liang et al), 2017;39:87–93

Myocardial Protective Effects of Bivalirudin on the Improvement of Coronary Microcirculation Obstruction. (Ding et al), 2017;39:254–258

Proliferation and Dedifferentiation: The Initiation and Progression of Tumors. (Zhang et al), 2017;39:265–276

#### **Cell survival**

Evaluation of Antiproliferative Activities of Rutin on Human Colon Cancer LoVo Cells and Breast Cancer MCF-7 Cells. (Yang et al), 2017; 39:99–107

#### **Cell viability analysis**

Evaluation of Antiproliferative Activities of Rutin on Human Colon Cancer LoVo Cells and Breast Cancer MCF-7 Cells. (Yang et al), 2017; 39:99–107

#### **Choristoma**

Choristoma of the Tonsil: A Rare Diagnosis: A Case Report. (Gupta et al), 2017;39:50–52

#### **Chromosomal instability**

Young Breast Cancer Patients Aged <40 Years and Tumor DNA Ploidy Progression. (Sennerstam et al), 2017;39:57–68

#### **Cigarette smoke**

Biochemical and Histopathological Examination of the Effect of Cigarette Smoking on Rat Kidneys. (Dönder et al), 2017;39:215–222

#### **Cinquefoil**

Neuroprotective Effects of *Potentilla Fulgens* on Traumatic Brain Injury in Rats. (Hüseyin et al), 2017;39:35–44

#### **Circadian rhythm system**

Predictive Value of Deregulated Cryptochrome Genes in Human Hepatocellular Carcinoma. (Ding et al), 2017;39:127–133

#### **Clinical studies**

Salivary Alpha-Amylase Level Changes Under Surgical Dental Extraction-Induced Stress. (Shi et al), 2017;39:94–98

#### **Colon cancer**

Construction of a Combination Gene Vector PcDNA3.1(-)-shVEGF/yCDglyTK and Its Killing Effects on Colon Cancer Cells. (Tao et al), 2017;39:175–181

Evaluation of Antiproliferative Activities of Rutin on Human Colon Cancer LoVo Cells and

Breast Cancer MCF-7 Cells. (Yang et al), 2017; 39:99–107

#### **Combination gene**

Construction of a Combination Gene Vector PcDNA3.1(-)-shVEGF/yCDglyTK and Its Killing Effects on Colon Cancer Cells. (Tao et al), 2017;39:175–181

#### **Core needle biopsy**

Metastatic Neoplasms to the Breast Diagnosed by Fine Needle Aspiration and Core Needle Biopsy: Clinicopathologic and Cytomorphologic Correlation. (Miyazaki et al), 2017;39:69–79

#### **Craniocerebral injuries**

Neuroprotective Effects of *Potentilla Fulgens* on Traumatic Brain Injury in Rats. (Hüseyn et al), 2017;39:35–44

#### **Cryptochrome**

Predictive Value of Deregulated Cryptochrome Genes in Human Hepatocellular Carcinoma. (Ding et al), 2017;39:127–133

#### **Cyclophilin A**

Expression of Cyclophilin A in the Placental Tissue of Pregnant Women with Gestational Diabetes Mellitus. (Usta et al), 2017;39:238–246

#### **Cyclosporins**

Expression of Cyclophilin A in the Placental Tissue of Pregnant Women with Gestational Diabetes Mellitus. (Usta et al), 2017;39:238–246

#### **Cytokeratin-7**

Histological and Immunohistochemical Pattern of Hepatocellular Carcinoma Cytokeratin 7–Positive and –Negative: Comparison by Computerized Morphometry. (Vertemati et al), 2017;39:192–200

#### **Cytological techniques**

Metastatic Neoplasms to the Breast Diagnosed by Fine Needle Aspiration and Core Needle Biopsy: Clinicopathologic and Cytomorphologic Correlation. (Miyazaki et al), 2017;39:69–79

### **D**

#### **Decorin**

Treating Renal Failure with Decorin Gene: An Experimental Study. (Li et al), 2017;39:231–237  
Quantitative Analysis of Stereological Parameters on Tumor Cell Nuclei in Gliomas with Various Histological Grading. (Pan and Shen), 2017;39:187–191

#### **Di-n-butyl phthalate**

Protective Effect of Resveratrol in Di-n-butyl

Phthalate-Induced Nephrotoxicity: Immunohistochemical and Ultrastructural Studies. (Elmas et al), 2017;39:17–34

#### **Diabetic glomerulosclerosis**

Glomerular Hypertrophy and Hyperfiltration in Obesity-Related Diabetic (*ob/ob*) Mouse. (Tokunaga et al), 2017;39:223–230

#### **Diabetic kidney disease**

Glomerular Hypertrophy and Hyperfiltration in Obesity-Related Diabetic (*ob/ob*) Mouse. (Tokunaga et al), 2017;39:223–230

#### **Differential diagnosis**

Nested Type Bladder Cancer: A Tricky Entity: A Report of Two Cases. (Zucchi et al), 2017;39: 108–113

#### **Digital pathology**

Introducing an Interactive Method to Improve Digital Pathology Image Segmentation: Case Study on Prostate Cancer. (Zarei et al), 2017;39: 1–16

#### **Diploid**

Young Breast Cancer Patients Aged <40 Years and Tumor DNA Ploidy Progression. (Sennerstam et al), 2017;39:57–68

#### **Distribution**

Distribution and Morphology of Ghrelin-Immunopositive Cells in the Spleen of the African Ostrich. (Ye et al), 2017;39:277–282

#### **DNA ploidy**

Young Breast Cancer Patients Aged <40 Years and Tumor DNA Ploidy Progression. (Sennerstam et al), 2017;39:57–68

### **E**

#### **Ectopic tissue**

Choristoma of the Tonsil: A Rare Diagnosis: A Case Report. (Gupta et al), 2017;39:50–52

#### **EGFR genes**

EGFR, ERCC1, TUBB3, TYMS, and RRM1 Expressions in Malignant Pleural Effusions from Patients with Adenocarcinoma Non-Small Cell Lung Cancer and Their Biological Significance. (Liu et al), 2017;39:182–186

#### **Electromagnetic field**

Oxidative Damage and Histopathological Changes in the Adult Male Sprague Dawley Rat Liver Following Exposure to a Continuous 900-MHz Electromagnetic Field Throughout the Entire Adolescent Period. (Kerimoğlu and Odacı), 2017;39:134–140

#### **Electron microscopy**

Does *Ginkgo biloba* Protect Developing Testes from



Chronic Hypobaric Hypoxia? (Gül et al), 2017; 39:317–325

### **Epidermal growth factor receptor gene**

EGFR, ERCC1, TUBB3, TYMS, and RRM1 Expressions in Malignant Pleural Effusions from Patients with Adenocarcinoma Non–Small Cell Lung Cancer and Their Biological Significance. (Liu et al), 2017;39:182–186

### **Epidermis**

Stereological Study of Epidermis in Human Skin Grafts on Nude Athymic Mice. (Zou et al), 2017; 39:295–301

### **Epstein-Barr virus**

Extranodal Follicular Dendritic Cell Sarcomas: Inflammatory Pseudotumor-like Variant with Increased Frequency of a Concurrent Secondary Cancer. (Pan et al), 2017;39:208–214

### **ERCC1**

EGFR, ERCC1, TUBB3, TYMS, and RRM1 Expressions in Malignant Pleural Effusions from Patients with Adenocarcinoma Non–Small Cell Lung Cancer and Their Biological Significance. (Liu et al), 2017;39:182–186

### **ET1 protein**

Protective Effect of Resveratrol in Di-n-butyl Phthalate–Induced Nephrotoxicity: Immunohistochemical and Ultrastructural Studies. (Elmas et al), 2017;39:17–34

### **Extranodal follicular dendritic cell sarcoma**

Extranodal Follicular Dendritic Cell Sarcomas: Inflammatory Pseudotumor-like Variant with Increased Frequency of a Concurrent Secondary Cancer. (Pan et al), 2017;39:208–214

## **F**

### **Fetal development**

Kidney Development of Fetuses with Intrauterine Growth Restriction and Related Mechanism. (Wang and Zhang), 2017;39:157–162

### **Fetal growth retardation**

Kidney Development of Fetuses with Intrauterine Growth Restriction and Related Mechanism. (Wang and Zhang), 2017;39:157–162

### **Fetal hypoxia**

Does *Ginkgo biloba* Protect Developing Testes from Chronic Hypobaric Hypoxia? (Gül et al), 2017; 39:317–325

### **Fetus**

Kidney Development of Fetuses with Intrauterine Growth Restriction and Related Mechanism. (Wang and Zhang), 2017;39:157–162

### **Feulgen-thionin stain**

Introducing an Interactive Method to Improve Digital Pathology Image Segmentation: Case Study on Prostate Cancer. (Zarei et al), 2017;39: 1–16

### **FHIT**

Expressions of FHIT, BCRP, and Bcl-2 Proteins in Breast Invasive Ductal Carcinoma. (Yun et al), 2017;39:201–207

### **Fibrosis**

Treating Renal Failure with Decorin Gene: An Experimental Study. (Li et al), 2017;39:231–237

### **Fine needle biopsy**

Metastatic Neoplasms to the Breast Diagnosed by Fine Needle Aspiration and Core Needle Biopsy: Clinicopathologic and Cytomorphologic Correlation. (Miyazaki et al), 2017;39:69–79

### **Fine-needle aspiration**

Metastatic Neoplasms to the Breast Diagnosed by Fine Needle Aspiration and Core Needle Biopsy: Clinicopathologic and Cytomorphologic Correlation. (Miyazaki et al), 2017;39:69–79

### **Flavonoids**

Evaluation of Antiproliferative Activities of Rutin on Human Colon Cancer LoVo Cells and Breast Cancer MCF-7 Cells. (Yang et al), 2017; 39:99–107

### **Focal segmental glomerulosclerosis**

Ultrastructural Alterations in the Rat Kidney After Alendronate Administration: A Pilot Study. (Milioglou et al), 2017;39:117–126

### **Follicular dendritic cell sarcoma**

Extranodal Follicular Dendritic Cell Sarcomas: Inflammatory Pseudotumor-like Variant with Increased Frequency of a Concurrent Secondary Cancer. (Pan et al), 2017;39:208–214

### **Food analysis**

Evaluation of Antiproliferative Activities of Rutin on Human Colon Cancer LoVo Cells and Breast Cancer MCF-7 Cells. (Yang et al), 2017; 39:99–107

### **Fragile histidine triad**

Expressions of FHIT, BCRP, and Bcl-2 Proteins in Breast Invasive Ductal Carcinoma. (Yun et al), 2017;39:201–207

## **G**

### **Gastric cancer**

Relationship Between the Expression of NEDD9

in Gastric Cancer and the Invasion and Metastasis of the Tumor. (Gao et al), 2017;39:247–253

#### Gene mutation

Targeted Exome Sequencing Identifies Novel Mutations of *PROM1* Gene in a Family with Retinitis Pigmentosa. (Wei and Zhang), 2017;39:311–316

#### Gene therapy

Treating Renal Failure with Decorin Gene: An Experimental Study. (Li et al), 2017;39:231–237

#### Gene transfection

Treating Renal Failure with Decorin Gene: An Experimental Study. (Li et al), 2017;39:231–237

#### Genes, *bcl-2*

Expressions of FHIT, BCRP, and Bcl-2 Proteins in Breast Invasive Ductal Carcinoma. (Yun et al), 2017;39:201–207

#### Genes, transgenic, suicide

Construction of a Combination Gene Vector PcDNA3.1(-)-shVEGF/yCDglyTK and Its Killing Effects on Colon Cancer Cells. (Tao et al), 2017;39:175–181

#### Gestational diabetes mellitus

Expression of Cyclophilin A in the Placental Tissue of Pregnant Women with Gestational Diabetes Mellitus. (Usta et al), 2017;39:238–246

#### Ghrelin

Distribution and Morphology of Ghrelin-Immunopositive Cells in the Spleen of the African Ostrich. (Ye et al), 2017;39:277–282

#### *Ginkgo biloba*

Does *Ginkgo biloba* Protect Developing Testes from Chronic Hypobaric Hypoxia? (Gül et al), 2017;39:317–325

#### Glioblastoma

Prognostic Value of Tumoral Stem Cells in Glioblastoma: Immunohistochemical Study of CD133 and HTERT Expression. (Rute et al), 2017;39:259–264

#### Glioma

Quantitative Analysis of Stereological Parameters on Tumor Cell Nuclei in Gliomas with Various Histological Grading. (Pan and Shen), 2017;39:187–191

#### Growth restriction

Kidney Development of Fetuses with Intrauterine Growth Restriction and Related Mechanism. (Wang and Zhang), 2017;39:157–162

## H

#### Head trauma

Neuroprotective Effects of Lamotrigine on Brain

Injury in Rats. (Ozevren and Devenci), 2017;39:163–174

Neuroprotective Effects of *Potentilla Fulgens* on Traumatic Brain Injury in Rats. (Hüseyin et al), 2017;39:35–44

#### Heart failure

Transplantation of *Klotho*-Overexpressed Bone Marrow Mesenchymal Stem Cells Ameliorates Heart Failure in Rats. (Wang et al), 2017;39:302–310

#### Hepatocellular carcinoma

Histological and Immunohistochemical Pattern of Hepatocellular Carcinoma Cytokeratin 7–Positive and –Negative: Comparison by Computerized Morphometry. (Vertemati et al), 2017;39:192–200

Predictive Value of Deregulated Cryptochrome Genes in Human Hepatocellular Carcinoma. (Ding et al), 2017;39:127–133

#### Hepatoma

Histological and Immunohistochemical Pattern of Hepatocellular Carcinoma Cytokeratin 7–Positive and –Negative: Comparison by Computerized Morphometry. (Vertemati et al), 2017;39:192–200

#### Heterotopic tissue

Choristoma of the Tonsil: A Rare Diagnosis: A Case Report. (Gupta et al), 2017;39:50–52

#### HIF-1 $\alpha$

Myocardial Protective Effects of Bivalirudin on the Improvement of Coronary Microcirculation Obstruction. (Ding et al), 2017;39:254–258

#### Histological grading

Quantitative Analysis of Stereological Parameters on Tumor Cell Nuclei in Gliomas with Various Histological Grading. (Pan and Shen), 2017;39:187–191

#### Histopathology

Biochemical and Histopathological Examination of the Effect of Cigarette Smoking on Rat Kidneys. (Dönder et al), 2017;39:215–222

#### HPV, human papilloma virus

Branchiogenic Carcinoma Associated with High-Risk Human Papillomavirus Infection and p16 Expression: A Case Report. (Pan et al), 2017;39:53–56

#### HTERT

Prognostic Value of Tumoral Stem Cells in Glioblastoma: Immunohistochemical Study of CD133 and HTERT Expression. (Rute et al), 2017;39:259–264

**Human colon cancer LoVo cells**

Evaluation of Antiproliferative Activities of Rutin on Human Colon Cancer LoVo Cells and Breast Cancer MCF-7 Cells. (Yang et al), 2017; 39:99–107

**Human papillomavirus viruses**

Branchiogenic Carcinoma Associated with High-Risk Human Papillomavirus Infection and p16 Expression: A Case Report. (Pan et al), 2017;39: 53–56

**Hypertrophy**

Glomerular Hypertrophy and Hyperfiltration in Obesity-Related Diabetic (*ob/ob*) Mouse. (Tokunaga et al), 2017;39:223–230

**Hypoxia**

Does *Ginkgo biloba* Protect Developing Testes from Chronic Hypobaric Hypoxia? (Gül et al), 2017; 39:317–325

**Hypoxia-inducible factor-proline dioxygenases**

Myocardial Protective Effects of Bivalirudin on the Improvement of Coronary Microcirculation Obstruction. (Ding et al), 2017;39:254–258

**I****IL-18**

Biochemical and Histopathological Examination of the Effect of Cigarette Smoking on Rat Kidneys. (Dönder et al), 2017;39:215–222

**Image analysis, computer-assisted**

Introducing an Interactive Method to Improve Digital Pathology Image Segmentation: Case Study on Prostate Cancer. (Zarei et al), 2017;39: 1–16

**Image processing**

Stereological Study of Epidermis in Human Skin Grafts on Nude Athymic Mice. (Zou et al), 2017; 39:295–301

**Image segmentation**

Introducing an Interactive Method to Improve Digital Pathology Image Segmentation: Case Study on Prostate Cancer. (Zarei et al), 2017;39: 1–16

**Immunohistochemical staining**

Predictive Value of Deregulated Cryptochrome Genes in Human Hepatocellular Carcinoma. (Ding et al), 2017;39:127–133

**Immunohistochemistry**

Distribution and Morphology of Ghrelin-Immunopositive Cells in the Spleen of the African Ostrich. (Ye et al), 2017;39:277–282  
Does *Ginkgo biloba* Protect Developing Testes from

Chronic Hypobaric Hypoxia? (Gül et al), 2017; 39:317–325

Expression of Cyclophilin A in the Placental Tissue of Pregnant Women with Gestational Diabetes Mellitus. (Usta et al), 2017;39:238–246

Histological and Immunohistochemical Pattern of Hepatocellular Carcinoma Cytokeratin 7–Positive and –Negative: Comparison by Computerized Morphometry. (Vertemati et al), 2017;39:192–200

**Inflammatory pseudotumor**

Extranodal Follicular Dendritic Cell Sarcomas: Inflammatory Pseudotumor-like Variant with Increased Frequency of a Concurrent Secondary Cancer. (Pan et al), 2017;39:208–214

**Inhibition**

Effects of Tanshinone IIA on Oxidative Stress and Apoptosis-Related Cytokine Expressions of Human Peritoneal Mesothelial Cells. (Xia et al), 2017;39:45–49

**Integrase interactor 1 protein**

Chromophobe Renal Cell Carcinoma with a Large Hemorrhagic Pseudocystic Appearance Dedifferentiated to a Prominent Rhabdoid Phenotype with a Focal Myxoid Stroma: A Case Report. (Rodriguez-Villar et al), 2017;39: 290–294

**Interactive segmentation**

Introducing an Interactive Method to Improve Digital Pathology Image Segmentation: Case Study on Prostate Cancer. (Zarei et al), 2017;39: 1–16

**Intrauterine growth restriction**

Kidney Development of Fetuses with Intrauterine Growth Restriction and Related Mechanism. (Wang and Zhang), 2017;39:157–162

**Invasion**

Relationship Between the Expression of NEDD9 in Gastric Cancer and the Invasion and Metastasis of the Tumor. (Gao et al), 2017;39:247–253

**K****Keratin 7**

Histological and Immunohistochemical Pattern of Hepatocellular Carcinoma Cytokeratin 7–Positive and –Negative: Comparison by Computerized Morphometry. (Vertemati et al), 2017;39:192–200

**Kidney**

Biochemical and Histopathological Examination of the Effect of Cigarette Smoking on Rat Kidneys. (Dönder et al), 2017;39:215–222

Kidney Development of Fetuses with Intrauterine Growth Restriction and Related Mechanism. (Wang and Zhang), 2017;39:157–162

Protective Effect of Resveratrol in Di-n-butyl Phthalate-Induced Nephrotoxicity: Immunohistochemical and Ultrastructural Studies. (Elmas et al), 2017;39:17–34

Sarcomatoid Large Cell Neuroendocrine Carcinoma of the Kidney: A Case Report. (Gönül et al), 2017;39:283–289

Ultrastructural Alterations in the Rat Kidney After Alendronate Administration: A Pilot Study. (Milioglou et al), 2017;39:117–126

#### **Kidney cortex**

Glomerular Hypertrophy and Hyperfiltration in Obesity-Related Diabetic (*ob/ob*) Mouse. (Tokunaga et al), 2017;39:223–230

#### **Kidney glomerulus**

Glomerular Hypertrophy and Hyperfiltration in Obesity-Related Diabetic (*ob/ob*) Mouse. (Tokunaga et al), 2017;39:223–230

#### **KIM-1**

Biochemical and Histopathological Examination of the Effect of Cigarette Smoking on Rat Kidneys. (Dönder et al), 2017;39:215–222

#### **Klotho**

Transplantation of *Klotho*-Overexpressed Bone Marrow Mesenchymal Stem Cells Ameliorates Heart Failure in Rats. (Wang et al), 2017;39:302–310

## **L**

#### **Lactate dehydrogenases**

Evaluation of Antiproliferative Activities of Rutin on Human Colon Cancer LoVo Cells and Breast Cancer MCF-7 Cells. (Yang et al), 2017;39:99–107

#### **Lamotrigine**

Neuroprotective Effects of Lamotrigine on Brain Injury in Rats. (Ozevren and Devenci), 2017;39:163–174

#### **Large-core needle biopsy**

Metastatic Neoplasms to the Breast Diagnosed by Fine Needle Aspiration and Core Needle Biopsy: Clinicopathologic and Cytomorphologic Correlation. (Miyazaki et al), 2017;39:69–79

#### **Leptin**

Glomerular Hypertrophy and Hyperfiltration in Obesity-Related Diabetic (*ob/ob*) Mouse. (Tokunaga et al), 2017;39:223–230

## **Liver**

Histomorphometric Assessment of Bone Marrow Megakaryocytes in the Course of Experimental Liver Damage. (Ostrowski et al), 2017;39:80–86

Oxidative Damage and Histopathological Changes in the Adult Male Sprague Dawley Rat Liver Following Exposure to a Continuous 900-MHz Electromagnetic Field Throughout the Entire Adolescent Period. (Kerimoğlu and Odacı), 2017;39:134–140

#### **Liver cancer**

Histological and Immunohistochemical Pattern of Hepatocellular Carcinoma Cytokeratin 7-Positive and -Negative: Comparison by Computerized Morphometry. (Vertemati et al), 2017;39:192–200

Predictive Value of Deregulated Cryptochrome Genes in Human Hepatocellular Carcinoma. (Ding et al), 2017;39:127–133

#### **Liver dysfunction**

Histomorphometric Assessment of Bone Marrow Megakaryocytes in the Course of Experimental Liver Damage. (Ostrowski et al), 2017;39:80–86

#### **LNCaP**

Apoptosis of Hormone-Dependent Prostate Cancer LNCaP Cells Induced by p21 Small Activating RNA in Combination with PC-3. (Wang et al), 2017;39:141–148

## **M**

#### **Malignant tumor of the urinary bladder**

Nested Type Bladder Cancer: A Tricky Entity: A Report of Two Cases. (Zucchi et al), 2017;39:108–113

#### **Malnutrition**

Kidney Development of Fetuses with Intrauterine Growth Restriction and Related Mechanism. (Wang and Zhang), 2017;39:157–162

#### **MCF-7 cells**

Evaluation of Antiproliferative Activities of Rutin on Human Colon Cancer LoVo Cells and Breast Cancer MCF-7 Cells. (Yang et al), 2017;39:99–107

#### **Megakaryocyte colony stimulating factor**

Histomorphometric Assessment of Bone Marrow Megakaryocytes in the Course of Experimental Liver Damage. (Ostrowski et al), 2017;39:80–86

#### **Megakaryocyte growth and development factor**

Histomorphometric Assessment of Bone Marrow Megakaryocytes in the Course of Experimental Liver Damage. (Ostrowski et al), 2017;39:80–86



**Megakaryocytes**

Histomorphometric Assessment of Bone Marrow Megakaryocytes in the Course of Experimental Liver Damage. (Ostrowski et al), 2017;39:80–86

**Megakaryocytopoiesis**

Histomorphometric Assessment of Bone Marrow Megakaryocytes in the Course of Experimental Liver Damage. (Ostrowski et al), 2017;39:80–86

**Melanin**

Stereological Study of Epidermis in Human Skin Grafts on Nude Athymic Mice. (Zou et al), 2017; 39:295–301

**Mesenchymal progenitor cells**

Transplantation of *Klotho*-Overexpressed Bone Marrow Mesenchymal Stem Cells Ameliorates Heart Failure in Rats. (Wang et al), 2017;39: 302–310

**Mesenchymal stem cells**

Transplantation of *Klotho*-Overexpressed Bone Marrow Mesenchymal Stem Cells Ameliorates Heart Failure in Rats. (Wang et al), 2017;39: 302–310

**Mesenchymal stromal cells**

Transplantation of *Klotho*-Overexpressed Bone Marrow Mesenchymal Stem Cells Ameliorates Heart Failure in Rats. (Wang et al), 2017;39: 302–310

**Metastasis**

Metastatic Neoplasms to the Breast Diagnosed by Fine Needle Aspiration and Core Needle Biopsy: Clinicopathologic and Cytomorphologic Correlation. (Miyazaki et al), 2017;39:69–79

Relationship Between the Expression of NEDD9 in Gastric Cancer and the Invasion and Metastasis of the Tumor. (Gao et al), 2017;39:247–253

**Microvascular network**

Cell Proliferation Plays an Important Role in the Recurrence of Human Pterygia. (Liang et al), 2017;39:87–93

**Microvessels**

Cell Proliferation Plays an Important Role in the Recurrence of Human Pterygia. (Liang et al), 2017;39:87–93

**Minimally invasive surgical procedures**

Salivary Alpha-Amylase Level Changes Under Surgical Dental Extraction-Induced Stress. (Shi et al), 2017;39:94–98

**Mobile phones**

Oxidative Damage and Histopathological Changes in the Adult Male Sprague Dawley Rat Liver Following Exposure to a Continuous

900-MHz Electromagnetic Field Throughout the Entire Adolescent Period. (Kerimoğlu and Odacı), 2017;39:134–140

**Monoclonal proliferation**

Proliferation and Dedifferentiation: The Initiation and Progression of Tumors. (Zhang et al), 2017;39:265–276

**Morphological parameters**

Quantitative Analysis of Stereological Parameters on Tumor Cell Nuclei in Gliomas with Various Histological Grading. (Pan and Shen), 2017;39:187–191

**Morphometry**

Histological and Immunohistochemical Pattern of Hepatocellular Carcinoma Cytokeratin 7-Positive and -Negative: Comparison by Computerized Morphometry. (Vertemati et al), 2017;39:192–200

**Multipotent bone marrow stromal cells**

Transplantation of *Klotho*-Overexpressed Bone Marrow Mesenchymal Stem Cells Ameliorates Heart Failure in Rats. (Wang et al), 2017;39: 302–310

**Multipotent mesenchymal stromal cells**

Transplantation of *Klotho*-Overexpressed Bone Marrow Mesenchymal Stem Cells Ameliorates Heart Failure in Rats. (Wang et al), 2017;39: 302–310

**MYC**

Brachytherapy-Associated Angiosarcoma of the Bladder-Prostate with Splenic Metastasis: A Case Report. (Rodríguez-Aguilar et al), 2017;39: 326–330

**Myocardial failure**

Transplantation of *Klotho*-Overexpressed Bone Marrow Mesenchymal Stem Cells Ameliorates Heart Failure in Rats. (Wang et al), 2017;39: 302–310

**Myocardial remodeling**

Transplantation of *Klotho*-Overexpressed Bone Marrow Mesenchymal Stem Cells Ameliorates Heart Failure in Rats. (Wang et al), 2017;39: 302–310

**N****NEDD9**

Relationship Between the Expression of NEDD9 in Gastric Cancer and the Invasion and Metastasis of the Tumor. (Gao et al), 2017;39:247–253

**Neoplasm metastasis**

Metastatic Neoplasms to the Breast Diagnosed by Fine Needle Aspiration and Core Needle

Biopsy: Clinicopathologic and Cytomorphologic Correlation. (Miyazaki et al), 2017;39:69–79

#### **Nested variant**

Nested Type Bladder Cancer: A Tricky Entity: A Report of Two Cases. (Zucchi et al), 2017;39:108–113

#### **Neural injury**

Neuroprotective Effects of Lamotrigine on Brain Injury in Rats. (Ozevren and Deveci), 2017;39:163–174

#### **NGAL protein**

Biochemical and Histopathological Examination of the Effect of Cigarette Smoking on Rat Kidneys. (Dönder et al), 2017;39:215–222

#### **Nicotine**

Biochemical and Histopathological Examination of the Effect of Cigarette Smoking on Rat Kidneys. (Dönder et al), 2017;39:215–222

#### **Non-small-cell lung cancer**

EGFR, ERCC1, TUBB3, TYMS, and RRM1 Expressions in Malignant Pleural Effusions from Patients with Adenocarcinoma Non-Small Cell Lung Cancer and Their Biological Significance. (Liu et al), 2017;39:182–186

#### **NSCLC**

EGFR, ERCC1, TUBB3, TYMS, and RRM1 Expressions in Malignant Pleural Effusions from Patients with Adenocarcinoma Non-Small Cell Lung Cancer and Their Biological Significance. (Liu et al), 2017;39:182–186

#### **Nude mice**

Stereological Study of Epidermis in Human Skin Grafts on Nude Athymic Mice. (Zou et al), 2017;39:295–301

#### **Nyctalopia**

Targeted Exome Sequencing Identifies Novel Mutations of *PROM1* Gene in a Family with Retinitis Pigmentosa. (Wei and Zhang), 2017;39:311–316

## **O**

#### **Optical coherence tomography**

Targeted Exome Sequencing Identifies Novel Mutations of *PROM1* Gene in a Family with Retinitis Pigmentosa. (Wei and Zhang), 2017;39:311–316

#### **Oral surgery**

Salivary Alpha-Amylase Level Changes Under Surgical Dental Extraction-Induced Stress. (Shi et al), 2017;39:94–98

#### **Overall survival**

Predictive Value of Deregulated Cryptochrome Genes in Human Hepatocellular Carcinoma. (Ding et al), 2017;39:127–133

#### **Overexpression**

Transplantation of *Klotho*-Overexpressed Bone Marrow Mesenchymal Stem Cells Ameliorates Heart Failure in Rats. (Wang et al), 2017;39:302–310

#### **Oxidative stress**

Effects of Tanshinone IIA on Oxidative Stress and Apoptosis-Related Cytokine Expressions of Human Peritoneal Mesothelial Cells. (Xia et al), 2017;39:45–49

Expression of Cyclophilin A in the Placental Tissue of Pregnant Women with Gestational Diabetes Mellitus. (Usta et al), 2017;39:238–246

## **P**

#### **p16 genes**

Branchiogenic Carcinoma Associated with High-Risk Human Papillomavirus Infection and p16 Expression: A Case Report. (Pan et al), 2017;39:53–56

#### **p21**

Apoptosis of Hormone-Dependent Prostate Cancer LNCaP Cells Induced by p21 Small Activating RNA in Combination with PC-3. (Wang et al), 2017;39:141–148

#### **Palatine tonsil**

Choristoma of the Tonsil: A Rare Diagnosis: A Case Report. (Gupta et al), 2017;39:50–52

#### **Pathology**

Introducing an Interactive Method to Improve Digital Pathology Image Segmentation: Case Study on Prostate Cancer. (Zarei et al), 2017;39:1–16

#### **PC-3**

Apoptosis of Hormone-Dependent Prostate Cancer LNCaP Cells Induced by p21 Small Activating RNA in Combination with PC-3. (Wang et al), 2017;39:141–148

#### **Peptidyl-prolyl cis-trans isomerase A**

Expression of Cyclophilin A in the Placental Tissue of Pregnant Women with Gestational Diabetes Mellitus. (Usta et al), 2017;39:238–246

#### **Peptidylprolyl isomerase**

Expression of Cyclophilin A in the Placental Tissue of Pregnant Women with Gestational Diabetes Mellitus. (Usta et al), 2017;39:238–246

#### **Peritoneal dialysis fluid**

Effects of Tanshinone IIA on Oxidative Stress

and Apoptosis-Related Cytokine Expressions of Human Peritoneal Mesothelial Cells. (Xia et al), 2017;39:45–49

### Pharyngeal tonsil

Choristoma of the Tonsil: A Rare Diagnosis: A Case Report. (Gupta et al), 2017;39:50–52

### Physiological stress response

Salivary Alpha-Amylase Level Changes Under Surgical Dental Extraction-Induced Stress. (Shi et al), 2017;39:94–98

### Placenta

Expression of pSTAT3 and TNF- $\alpha$  in Normotensive and Severe Preeclamptic Placentas. (Togrul et al), 2017;39:149–156

### Placental histology

Expression of Cyclophilin A in the Placental Tissue of Pregnant Women with Gestational Diabetes Mellitus. (Usta et al), 2017;39:238–246

### Pleural effusion, malignant

EGFR, ERCC1, TUBB3, TYMS, and RRM1 Expressions in Malignant Pleural Effusions from Patients with Adenocarcinoma Non-Small Cell Lung Cancer and Their Biological Significance. (Liu et al), 2017;39:182–186

### Potentilla fulgens

Neuroprotective Effects of *Potentilla Fulgens* on Traumatic Brain Injury in Rats. (Hüseyin et al), 2017;39:35–44

### Preeclampsia

Expression of pSTAT3 and TNF- $\alpha$  in Normotensive and Severe Preeclamptic Placentas. (Togrul et al), 2017;39:149–156

### Prognostic factors

Predictive Value of Deregulated Cryptochrome Genes in Human Hepatocellular Carcinoma. (Ding et al), 2017;39:127–133

Prognostic Value of Tumoral Stem Cells in Glioblastoma: Immunohistochemical Study of CD133 and HTERT Expression. (Rute et al), 2017;39:259–264

### PROM1

Targeted Exome Sequencing Identifies Novel Mutations of *PROM1* Gene in a Family with Retinitis Pigmentosa. (Wei and Zhang), 2017;39:311–316

### Prostate cancer

Apoptosis of Hormone-Dependent Prostate Cancer LNCaP Cells Induced by p21 Small Activating RNA in Combination with PC-3. (Wang et al), 2017;39:141–148

Introducing an Interactive Method to Improve Digital Pathology Image Segmentation: Case

Study on Prostate Cancer. (Zarei et al), 2017;39:1–16

### Prostatic neoplasms

Brachytherapy-Associated Angiosarcoma of the Bladder-Prostate with Splenic Metastasis: A Case Report. (Rodríguez-Aguilar et al), 2017;39:326–330

Introducing an Interactive Method to Improve Digital Pathology Image Segmentation: Case Study on Prostate Cancer. (Zarei et al), 2017;39:1–16

### Pterygium

Cell Proliferation Plays an Important Role in the Recurrence of Human Pterygia. (Liang et al), 2017;39:87–93

## R

### Radiation-induced neoplasms

Brachytherapy-Associated Angiosarcoma of the Bladder-Prostate with Splenic Metastasis: A Case Report. (Rodríguez-Aguilar et al), 2017;39:326–330

### Radiotherapy

Brachytherapy-Associated Angiosarcoma of the Bladder-Prostate with Splenic Metastasis: A Case Report. (Rodríguez-Aguilar et al), 2017;39:326–330

### Rats, laboratory

Neuroprotective Effects of *Potentilla Fulgens* on Traumatic Brain Injury in Rats. (Hüseyin et al), 2017;39:35–44

Ultrastructural Alterations in the Rat Kidney After Alendronate Administration: A Pilot Study. (Milioglou et al), 2017;39:117–126

### Reactive oxygen species

Evaluation of Antiproliferative Activities of Rutin on Human Colon Cancer LoVo Cells and Breast Cancer MCF-7 Cells. (Yang et al), 2017;39:99–107

### Recurrence

Cell Proliferation Plays an Important Role in the Recurrence of Human Pterygia. (Liang et al), 2017;39:87–93

### Renal cell cancer

Sarcomatoid Large Cell Neuroendocrine Carcinoma of the Kidney: A Case Report. (Gönül et al), 2017;39:283–289

### Renal disease

Biochemical and Histopathological Examination of the Effect of Cigarette Smoking on Rat Kidneys. (Dönder et al), 2017;39:215–222

**Renal interstitium**

Treating Renal Failure with Decorin Gene: An Experimental Study. (Li et al), 2017;39:231–237

**Resveratrol**

Protective Effect of Resveratrol in Di-n-butyl Phthalate-Induced Nephrotoxicity: Immunohistochemical and Ultrastructural Studies. (Elmas et al), 2017;39:17–34

**Retina**

Targeted Exome Sequencing Identifies Novel Mutations of *PROM1* Gene in a Family with Retinitis Pigmentosa. (Wei and Zhang), 2017;39:311–316

**Rhabdoid tumor**

Chromophobe Renal Cell Carcinoma with a Large Hemorrhagic Pseudocystic Appearance Dedifferentiated to a Prominent Rhabdoid Phenotype with a Focal Myxoid Stroma: A Case Report. (Rodriguez-Villar et al), 2017;39:290–294

**RNA activation**

Apoptosis of Hormone-Dependent Prostate Cancer LNCaP Cells Induced by p21 Small Activating RNA in Combination with PC-3. (Wang et al), 2017;39:141–148

**RNA interference**

Construction of a Combination Gene Vector PcDNA3.1(-)-shVEGF/yCDglyTK and Its Killing Effects on Colon Cancer Cells. (Tao et al), 2017;39:175–181

**RRM1**

EGFR, ERCC1, TUBB3, TYMS, and RRM1 Expressions in Malignant Pleural Effusions from Patients with Adenocarcinoma Non-Small Cell Lung Cancer and Their Biological Significance. (Liu et al), 2017;39:182–186

**Rutin**

Evaluation of Antiproliferative Activities of Rutin on Human Colon Cancer LoVo Cells and Breast Cancer MCF-7 Cells. (Yang et al), 2017;39:99–107

**S****Saliva**

Salivary Alpha-Amylase Level Changes Under Surgical Dental Extraction-Induced Stress. (Shi et al), 2017;39:94–98

**Sarcomatoid renal cell carcinoma**

Sarcomatoid Large Cell Neuroendocrine Carcinoma of the Kidney: A Case Report. (Gönül et al), 2017;39:283–289

**Scanning transmission electron microscopy tomography**

Protective Effect of Resveratrol in Di-n-butyl Phthalate-Induced Nephrotoxicity: Immunohistochemical and Ultrastructural Studies. (Elmas et al), 2017;39:17–34

**Silverweed**

Neuroprotective Effects of *Potentilla Fulgens* on Traumatic Brain Injury in Rats. (Hüseyin et al), 2017;39:35–44

**Single-cell analysis**

Evaluation of Antiproliferative Activities of Rutin on Human Colon Cancer LoVo Cells and Breast Cancer MCF-7 Cells. (Yang et al), 2017;39:99–107

**Skin**

Stereological Study of Epidermis in Human Skin Grafts on Nude Athymic Mice. (Zou et al), 2017;39:295–301

**Skin graft**

Stereological Study of Epidermis in Human Skin Grafts on Nude Athymic Mice. (Zou et al), 2017;39:295–301

**SMARCB1 protein**

Chromophobe Renal Cell Carcinoma with a Large Hemorrhagic Pseudocystic Appearance Dedifferentiated to a Prominent Rhabdoid Phenotype with a Focal Myxoid Stroma: A Case Report. (Rodriguez-Villar et al), 2017;39:290–294

**Smoking**

Biochemical and Histopathological Examination of the Effect of Cigarette Smoking on Rat Kidneys. (Dönder et al), 2017;39:215–222

**Spleen**

Distribution and Morphology of Ghrelin-Immunopositive Cells in the Spleen of the African Ostrich. (Ye et al), 2017;39:277–282

**STAT3**

Expression of pSTAT3 and TNF- $\alpha$  in Normotensive and Severe Preeclamptic Placentas. (Togrul et al), 2017;39:149–156

**Stem-line scatter index**

Young Breast Cancer Patients Aged <40 Years and Tumor DNA Ploidy Progression. (Sennerstam et al), 2017;39:57–68

**Stereology**

Quantitative Analysis of Stereological Parameters on Tumor Cell Nuclei in Gliomas with Various Histological Grading. (Pan and Shen), 2017;39:187–191



**Stress**

Salivary Alpha-Amylase Level Changes Under Surgical Dental Extraction-Induced Stress. (Shi et al), 2017;39:94–98

**Suicide genes**

Construction of a Combination Gene Vector PcDNA3.1(-)-shVEGF/yCDglyTK and Its Killing Effects on Colon Cancer Cells. (Tao et al), 2017;39:175–181

**Surgical clinics**

Salivary Alpha-Amylase Level Changes Under Surgical Dental Extraction-Induced Stress. (Shi et al), 2017;39:94–98

**Swi-snf-related matrix-associated actin-dependent regulator of chromatin subfamily B member 1**

Chromophobe Renal Cell Carcinoma with a Large Hemorrhagic Pseudocystic Appearance Dedifferentiated to a Prominent Rhabdoid Phenotype with a Focal Myxoid Stroma: A Case Report. (Rodriguez-Villar et al), 2017;39:290–294

**SWI/SNF complex**

Chromophobe Renal Cell Carcinoma with a Large Hemorrhagic Pseudocystic Appearance Dedifferentiated to a Prominent Rhabdoid Phenotype with a Focal Myxoid Stroma: A Case Report. (Rodriguez-Villar et al), 2017;39:290–294

**T****Taiwan**

Extranodal Follicular Dendritic Cell Sarcomas: Inflammatory Pseudotumor-like Variant with Increased Frequency of a Concurrent Secondary Cancer. (Pan et al), 2017;39:208–214

**Tanshinone**

Effects of Tanshinone IIA on Oxidative Stress and Apoptosis-Related Cytokine Expressions of Human Peritoneal Mesothelial Cells. (Xia et al), 2017;39:45–49

**Targeted exome sequencing**

Targeted Exome Sequencing Identifies Novel Mutations of *PROM1* Gene in a Family with Retinitis Pigmentosa. (Wei and Zhang), 2017;39:311–316

**Telephone, cellular**

Oxidative Damage and Histopathological Changes in the Adult Male Sprague Dawley Rat Liver Following Exposure to a Continuous 900-MHz Electromagnetic Field Throughout

the Entire Adolescent Period. (Kerimoğlu and Odacı), 2017;39:134–140

**TEM tomography**

Protective Effect of Resveratrol in Di-n-butyl Phthalate-Induced Nephrotoxicity: Immunohistochemical and Ultrastructural Studies. (Elmas et al), 2017;39:17–34

**Testes**

Does *Ginkgo biloba* Protect Developing Testes from Chronic Hypobaric Hypoxia? (Gül et al), 2017;39:317–325

**Tetraploidy**

Young Breast Cancer Patients Aged <40 Years and Tumor DNA Ploidy Progression. (Sennerstam et al), 2017;39:57–68

**Therapy**

Nested Type Bladder Cancer: A Tricky Entity: A Report of Two Cases. (Zucchi et al), 2017;39:108–113

**Three-dimensional tumor spheroids**

Agarose Floor Technique: A Simple Scaffold-Free Method for 3D Cell Culture and Multicellular Tumor Spheroid Formation. (Rivera), 2017;39:114–115 (Letter)

**Thrombocytopoiesis-stimulating factor**

Histomorphometric Assessment of Bone Marrow Megakaryocytes in the Course of Experimental Liver Damage. (Ostrowski et al), 2017;39:80–86

**Thrombopoietin**

Histomorphometric Assessment of Bone Marrow Megakaryocytes in the Course of Experimental Liver Damage. (Ostrowski et al), 2017;39:80–86

**Tissue microarray analysis**

Introducing an Interactive Method to Improve Digital Pathology Image Segmentation: Case Study on Prostate Cancer. (Zarei et al), 2017;39:1–16

**TNF- $\alpha$** 

Expression of pSTAT3 and TNF- $\alpha$  in Normotensive and Severe Preeclamptic Placentas. (Togrul et al), 2017;39:149–156

**Tobacco smoking**

Biochemical and Histopathological Examination of the Effect of Cigarette Smoking on Rat Kidneys. (Dönder et al), 2017;39:215–222

**Tonsil**

Choristoma of the Tonsil: A Rare Diagnosis: A Case Report. (Gupta et al), 2017;39:50–52

**Tooth extraction**

Salivary Alpha-Amylase Level Changes Under Surgical Dental Extraction-Induced Stress. (Shi et al), 2017;39:94–98

**Transforming growth factor**

Treating Renal Failure with Decorin Gene: An Experimental Study. (Li et al), 2017;39:231–237

**Transmission electron microscopy**

Protective Effect of Resveratrol in Di-n-butyl Phthalate-Induced Nephrotoxicity: Immunohistochemical and Ultrastructural Studies. (Elmas et al), 2017;39:17–34

**Traumatic brain injury**

Neuroprotective Effects of Lamotrigine on Brain Injury in Rats. (Ozevren and Devenci), 2017;39:163–174

Neuroprotective Effects of *Potentilla Fulgens* on Traumatic Brain Injury in Rats. (Hüseyin et al), 2017;39:35–44

**Traumatic encephalopathy**

Neuroprotective Effects of *Potentilla Fulgens* on Traumatic Brain Injury in Rats. (Hüseyin et al), 2017;39:35–44

**TTE-50**

Effects of Tanshinone IIA on Oxidative Stress and Apoptosis-Related Cytokine Expressions of Human Peritoneal Mesothelial Cells. (Xia et al), 2017;39:45–49

**TUBB3**

EGFR, ERCC1, TUBB3, TYMS, and RRM1 Expressions in Malignant Pleural Effusions from Patients with Adenocarcinoma Non-Small Cell Lung Cancer and Their Biological Significance. (Liu et al), 2017;39:182–186

**Tumor initiating cells**

Proliferation and Dedifferentiation: The Initiation and Progression of Tumors. (Zhang et al), 2017;39:265–276

**Tumor progression**

Young Breast Cancer Patients Aged <40 Years and Tumor DNA Ploidy Progression. (Sennerstam et al), 2017;39:57–68

**Tumor spheroid models**

Agarose Floor Technique: A Simple Scaffold-Free Method for 3D Cell Culture and Multicellular Tumor Spheroid Formation. (Rivera), 2017;39:114–115 (Letter)

**Tumor stem cells**

Prognostic Value of Tumoral Stem Cells in Glioblastoma: Immunohistochemical Study of CD133 and HTERT Expression. (Rute et al), 2017;39:259–264

Proliferation and Dedifferentiation: The Initiation and Progression of Tumors. (Zhang et al), 2017;39:265–276

**Tumor theory**

Proliferation and Dedifferentiation: The Initiation and Progression of Tumors. (Zhang et al), 2017;39:265–276

**TYMS**

EGFR, ERCC1, TUBB3, TYMS, and RRM1 Expressions in Malignant Pleural Effusions from Patients with Adenocarcinoma Non-Small Cell Lung Cancer and Their Biological Significance. (Liu et al), 2017;39:182–186

**U****Urinary bladder cancer**

Nested Type Bladder Cancer: A Tricky Entity: A Report of Two Cases. (Zucchi et al), 2017;39:108–113

**Urinary bladder neoplasms**

Brachytherapy-Associated Angiosarcoma of the Bladder-Prostate with Splenic Metastasis: A Case Report. (Rodríguez-Aguilar et al), 2017;39:326–330

**Urogenital neoplasms**

Brachytherapy-Associated Angiosarcoma of the Bladder-Prostate with Splenic Metastasis: A Case Report. (Rodríguez-Aguilar et al), 2017;39:326–330

**V****Vascular endothelial growth factors**

Construction of a Combination Gene Vector PcDNA3.1(-)-shVEGF/yCDglyTK and Its Killing Effects on Colon Cancer Cells. (Tao et al), 2017;39:175–181

**VEGFs**

Construction of a Combination Gene Vector PcDNA3.1(-)-shVEGF/yCDglyTK and Its Killing Effects on Colon Cancer Cells. (Tao et al), 2017;39:175–181

**W****Whole blood coagulation time**

Myocardial Protective Effects of Bivalirudin on the Improvement of Coronary Microcirculation Obstruction. (Ding et al), 2017;39:254–258