

# Subject Index

## Volume 41, 2019

Contributor index on page 208.

### A

#### **A disintegrin and metalloproteinase with thrombospondin motifs 1 protein**

Immunohistochemical Distribution of ADAMTS-1, ADAMTS-4 Expression in Placentas from Women with Preeclampsia and Normotensive Healthy Women at the Third Trimester of Pregnancy. (Görük), 2019;41:83–92

#### **A549**

Sini Decoction Inhibits Lung Adenocarcinoma A549 Cell Growth by Promoting Cell Apoptosis. (Wang et al), 2019;41:93–101

#### **Acute gastric mucosal lesion**

Neurons in the Medulla Oblongata Related to Gastric Mucosal Lesion of Rats Subjected to Restraint Water-Immersion Stress. (Zhao et al), 2019;41:127–138

#### **ADAMTS proteins**

ADAMTS-5 and Caspase-12 Protein Immunorepression Levels in Normotensive and Placenta Previa Patients: A Histopathological and Immunohistochemical Study. (Çavuş and Değer), 2019;41:191–198

Immunohistochemical Distribution of ADAMTS-1, ADAMTS-4 Expression in Placentas from Women with Preeclampsia and Normotensive Healthy Women at the Third Trimester of Pregnancy. (Görük), 2019;41:83–92

#### **Adenocarcinoma**

Metastasis of Prostatic Adenocarcinoma in a Lymph Node Affected by Hodgkin Lymphoma: A Case Report. (Piol et al), 2019;41:33–37

Sini Decoction Inhibits Lung Adenocarcinoma A549 Cell Growth by Promoting Cell Apoptosis. (Wang et al), 2019;41:93–101

#### **Aggrecanase-2**

ADAMTS-5 and Caspase-12 Protein Immunorepression Levels in Normotensive and Placenta Previa Patients: A Histopathological and Immunohistochemical Study. (Çavuş and Değer), 2019;41:191–198

pression Levels in Normotensive and Placenta Previa Patients: A Histopathological and Immunohistochemical Study. (Çavuş and Değer), 2019;41:191–198

#### **AKT phosphorylation**

Role of Sema4D in Bone Metastasis of Breast Cancer. (Zou et al), 2019;41:1–8

#### **Alpha-fetoprotein**

Expression of AFP, P-sel, and MMP-9 in Cirrhosis with Portal Vein Thrombosis. (Hu et al), 2019;41:151–158

#### **Alternative medicine**

Dihydrotanshinone I Induces Apoptosis Through Reactive Oxygen Species-Mediated Oxidative Stress in AGS Human Gastric Cancer Cells. (Zhong et al), 2019;41:27–32

Protective Effect of Melatonin and Ganoderma Lucidum Against the Negative Effects of Extremely Low Frequency Electromagnetic Fields on Alveolar Bone in Rats: An Experimental Animal Study. (Tanık and Yavaş), 2019; 41:55–66

Sini Decoction Inhibits Lung Adenocarcinoma A549 Cell Growth by Promoting Cell Apoptosis. (Wang et al), 2019;41:93–101

#### **Alveolar bone**

Protective Effect of Melatonin and Ganoderma Lucidum Against the Negative Effects of Extremely Low Frequency Electromagnetic Fields on Alveolar Bone in Rats: An Experimental Animal Study. (Tanık and Yavaş), 2019; 41:55–66

#### **Anatomy**

3D Reconstruction of Peripheral Nerves Based on Calcium Chloride Enhanced Micro-CT Images. (Zhong et al), 2019;41:159–168

#### **Angiotensin II**

Effect of Rutin on Angiotensin II-Induced Car-

diomyocyte Hypertrophy and the Inherent Mechanism. (Wang et al), 2019;41:199–206

### Antibodies

Autophagy Is Involved in the Apoptosis of Human Retinal Pigment Epithelial Cells Induced by Hydrogen Peroxide. (Yuan et al), 2019;41:139–145

Autophagy Promotes the Expression of Vascular Endothelial Growth Factor in Human Retinal Pigment Epithelium Cells. (Chai et al), 2019;41:16–22

Combining Ellagic Acid with Bevacizumab Mediates the Cadherin Switch and Angiogenesis in a Glioblastoma Model. (Çetin and Biltekin), 2019;41:75–82

Expression of AFP, P-sel, and MMP-9 in Cirrhosis with Portal Vein Thrombosis. (Hu et al), 2019;41:151–158

Immunohistochemical Distribution of ADAMTS-1, ADAMTS-4 Expression in Placentas from Women with Preeclampsia and Normotensive Healthy Women at the Third Trimester of Pregnancy. (Görük), 2019;41:83–92

miR-138-5p Promotes Proliferation of Human Melanoma Cells by Inhibiting hTERT Expression. (Ye et al), 2019;41:39–46

Protective Effect of Melatonin and Ganoderma Lucidum Against the Negative Effects of Extremely Low Frequency Electromagnetic Fields on Alveolar Bone in Rats: An Experimental Animal Study. (Tanık and Yavaş), 2019;41:55–66

Role of Sema4D in Bone Metastasis of Breast Cancer. (Zou et al), 2019;41:1–8

RRBP1 Expression in Paired Central and Peripheral Astrocytoma Tissue Microarray. (Li et al), 2019;41:23–26

Sini Decoction Inhibits Lung Adenocarcinoma A549 Cell Growth by Promoting Cell Apoptosis. (Wang et al), 2019;41:93–101

Study on Drug Resistance Mediated by Expression of HER-2 and LRP in Tumor Tissues of Patients with Gastric Cancer and Expression Correlation Between HER-2 and LRP. (Zhou et al), 2019;41:9–15

Synergy Assessment of Hypoxia and Lipopolysaccharide on Autophagy in Dendritic Cells. (Zhang et al), 2019;41:67–73

### Antioxidants

Protective Effect of Taxifolin on Cisplatin-Induced Nephrotoxicity in Rats. (Kara et al), 2019;41:47–54

### Aorta, abdominal

Aneurysm-like Invasion into the Bladder of Perinicious Placenta Previa with Placenta Percreta: A Case Report. (Tang et al), 2019;41:146–150

### Apoptosis

ADAMTS-5 and Caspase-12 Protein Immunoexpression Levels in Normotensive and Placenta Previa Patients: A Histopathological and Immunohistochemical Study. (Çavuş and Değer), 2019;41:191–198

Autophagy Is Involved in the Apoptosis of Human Retinal Pigment Epithelial Cells Induced by Hydrogen Peroxide. (Yuan et al), 2019;41:139–145

Dihydratanshinone I Induces Apoptosis Through Reactive Oxygen Species-Mediated Oxidative Stress in AGS Human Gastric Cancer Cells. (Zhong et al), 2019;41:27–32

Sini Decoction Inhibits Lung Adenocarcinoma A549 Cell Growth by Promoting Cell Apoptosis. (Wang et al), 2019;41:93–101

### Astrocytoma

RRBP1 Expression in Paired Central and Peripheral Astrocytoma Tissue Microarray. (Li et al), 2019;41:23–26

### Autophagy

Autophagy Is Involved in the Apoptosis of Human Retinal Pigment Epithelial Cells Induced by Hydrogen Peroxide. (Yuan et al), 2019;41:139–145

Autophagy Promotes the Expression of Vascular Endothelial Growth Factor in Human Retinal Pigment Epithelium Cells. (Chai et al), 2019;41:16–22

Dihydratanshinone I Induces Apoptosis Through Reactive Oxygen Species-Mediated Oxidative Stress in AGS Human Gastric Cancer Cells. (Zhong et al), 2019;41:27–32

Synergy Assessment of Hypoxia and Lipopolysaccharide on Autophagy in Dendritic Cells. (Zhang et al), 2019;41:67–73

## B

### Balloon occlusion

Aneurysm-like Invasion into the Bladder of Perinicious Placenta Previa with Placenta Percreta: A Case Report. (Tang et al), 2019;41:146–150

### Beclin-1

Autophagy Promotes the Expression of Vascular Endothelial Growth Factor in Human Retinal Pigment Epithelium Cells. (Chai et al), 2019;41:16–22

**Bevacizumab**

Combining Ellagic Acid with Bevacizumab Mediates the Cadherin Switch and Angiogenesis in a Glioblastoma Model. (Çetin and Biltekin), 2019;41:75–82

**Biomarkers, tumor**

Can Numeric Maturation Value Be Used as a Prognostic Indicator and Diagnostic Tool in Cutaneous Melanomas? A Morphometric Study. (Gamsizkan et al), 2019;41:177–183

**Bladder**

Aneurysm-like Invasion into the Bladder of Pernicious Placenta Previa with Placenta Percreta: A Case Report. (Tang et al), 2019;41:146–150

**Bone metastasis**

Role of Sema4D in Bone Metastasis of Breast Cancer. (Zou et al), 2019;41:1–8

**Brain cancer**

RRBP1 Expression in Paired Central and Peripheral Astrocytoma Tissue Microarray. (Li et al), 2019;41:23–26

**Breast cancer**

Cardiac Metastases from Solid Papillary Carcinoma of the Breast: Analysis of Clinicopathological Characteristics. (Teng et al), 2019;41:185–190

Clinicopathologic Evaluation and Prediction Model for Stromal Tumor-Infiltrating Lymphocytes in the Development of Breast Cancer. (Jiang et al), 2019;41:119–126

Olaparib Upregulates miR-630 Expression to Enhance the Chemotherapeutic Sensitivity of BRCA-1 Mutant Triple-Negative Breast Cancer Cell Lines. (Hu et al), 2019;41:169–176

Role of Sema4D in Bone Metastasis of Breast Cancer. (Zou et al), 2019;41:1–8

**C****Cadherins**

Combining Ellagic Acid with Bevacizumab Mediates the Cadherin Switch and Angiogenesis in a Glioblastoma Model. (Çetin and Biltekin), 2019;41:75–82

**Carboplatin**

Olaparib Upregulates miR-630 Expression to Enhance the Chemotherapeutic Sensitivity of BRCA-1 Mutant Triple-Negative Breast Cancer Cell Lines. (Hu et al), 2019;41:169–176

**Carcinoma, papillary**

Cardiac Metastases from Solid Papillary Carcinoma of the Breast: Analysis of Clinicopatholog-

ical Characteristics. (Teng et al), 2019;41:185–190

**Cardiac metastases**

Cardiac Metastases from Solid Papillary Carcinoma of the Breast: Analysis of Clinicopathological Characteristics. (Teng et al), 2019;41:185–190

**Cardiomyocyte hypertrophy**

Effect of Rutin on Angiotensin II-Induced Cardiomyocyte Hypertrophy and the Inherent Mechanism. (Wang et al), 2019;41:199–206

**Caspase-12**

ADAMTS-5 and Caspase-12 Protein Immunopression Levels in Normotensive and Placenta Previa Patients: A Histopathological and Immunohistochemical Study. (Çavuş and Değer), 2019;41:191–198

**Cell apoptosis**

Autophagy Is Involved in the Apoptosis of Human Retinal Pigment Epithelial Cells Induced by Hydrogen Peroxide. (Yuan et al), 2019;41:139–145

Dihydratanshinone I Induces Apoptosis Through Reactive Oxygen Species-Mediated Oxidative Stress in AGS Human Gastric Cancer Cells. (Zhong et al), 2019;41:27–32

Sini Decoction Inhibits Lung Adenocarcinoma A549 Cell Growth by Promoting Cell Apoptosis. (Wang et al), 2019;41:93–101

**Cell line, tumor**

Dihydratanshinone I Induces Apoptosis Through Reactive Oxygen Species-Mediated Oxidative Stress in AGS Human Gastric Cancer Cells. (Zhong et al), 2019;41:27–32

**Cell proliferation**

Dihydratanshinone I Induces Apoptosis Through Reactive Oxygen Species-Mediated Oxidative Stress in AGS Human Gastric Cancer Cells. (Zhong et al), 2019;41:27–32

RRBP1 Expression in Paired Central and Peripheral Astrocytoma Tissue Microarray. (Li et al), 2019;41:23–26

**Cesarean section**

Aneurysm-like Invasion into the Bladder of Pernicious Placenta Previa with Placenta Percreta: A Case Report. (Tang et al), 2019;41:146–150

**Chemotherapy**

Olaparib Upregulates miR-630 Expression to Enhance the Chemotherapeutic Sensitivity of BRCA-1 Mutant Triple-Negative Breast Cancer Cell Lines. (Hu et al), 2019;41:169–176

**Chinese traditional medicine**

Sini Decoction Inhibits Lung Adenocarcinoma A549 Cell Growth by Promoting Cell Apoptosis. (Wang et al), 2019;41:93–101

**Choroidal neovascularization**

Autophagy Promotes the Expression of Vascular Endothelial Growth Factor in Human Retinal Pigment Epithelium Cells. (Chai et al), 2019; 41:16–22

**Cirrhosis**

Evaluating the Diagnostic Efficiency of Computerized Image Analysis Based on Quantitative Nuclear Parameters in Different Grades of Hepatocellular Carcinoma. (Saadawi et al), 2019;41:102–110

Expression of AFP, P-sel, and MMP-9 in Cirrhosis with Portal Vein Thrombosis. (Hu et al), 2019;41:151–158

**Cisplatin**

Effect of Rutin on Angiotensin II–Induced Cardiomyocyte Hypertrophy and the Inherent Mechanism. (Wang et al), 2019;41:199–206

Protective Effect of Taxifolin on Cisplatin-Induced Nephrotoxicity in Rats. (Kara et al), 2019;41:47–54

**Collision metastasis**

Metastasis of Prostatic Adenocarcinoma in a Lymph Node Affected by Hodgkin Lymphoma: A Case Report. (Piol et al), 2019;41:33–37

**Complementary therapies**

Dihydrotanshinone I Induces Apoptosis Through Reactive Oxygen Species–Mediated Oxidative Stress in AGS Human Gastric Cancer Cells. (Zhong et al), 2019;41:27–32

**Computer-assisted image analysis**

Evaluating the Diagnostic Efficiency of Computerized Image Analysis Based on Quantitative Nuclear Parameters in Different Grades of Hepatocellular Carcinoma. (Saadawi et al), 2019;41:102–110

**Correlation**

Clinicopathologic Evaluation and Prediction Model for Stromal Tumor-Infiltrating Lymphocytes in the Development of Breast Cancer. (Jiang et al), 2019;41:119–126

**D****Danshen**

Dihydrotanshinone I Induces Apoptosis Through Reactive Oxygen Species–Mediated Oxidative Stress in AGS Human Gastric Cancer Cells. (Zhong et al), 2019;41:27–32

**Decidual cells**

Immunohistochemical Distribution of ADAMTS-1, ADAMTS-4 Expression in Placentas from Women with Preeclampsia and Normotensive Healthy Women at the Third Trimester of Pregnancy. (Görük), 2019;41:83–92

**Dendritic cells**

Synergy Assessment of Hypoxia and Lipopolysaccharide on Autophagy in Dendritic Cells. (Zhang et al), 2019;41:67–73

**Diagnosis**

Can Numeric Maturation Value Be Used as a Prognostic Indicator and Diagnostic Tool in Cutaneous Melanomas? A Morphometric Study. (Gamsizkan et al), 2019;41:177–183

**Diagnostic imaging**

3D Reconstruction of Peripheral Nerves Based on Calcium Chloride Enhanced Micro-CT Images. (Zhong et al), 2019;41:159–168

Evaluating the Diagnostic Efficiency of Computerized Image Analysis Based on Quantitative Nuclear Parameters in Different Grades of Hepatocellular Carcinoma. (Saadawi et al), 2019;41:102–110

**Differential diagnosis**

Unusual Extraarticular Myxoid Malignant Tenosynovial Giant Cell Tumor Mimicking Myxofibrosarcoma: A Report of 2 Cases. (Pan et al), 2019;41:111–117

**Dihydrotanshinone I**

Dihydrotanshinone I Induces Apoptosis Through Reactive Oxygen Species–Mediated Oxidative Stress in AGS Human Gastric Cancer Cells. (Zhong et al), 2019;41:27–32

**Disease models, animal**

Neurons in the Medulla Oblongata Related to Gastric Mucosal Lesion of Rats Subjected to Restraint Water-Immersion Stress. (Zhao et al), 2019;41:127–138

**DNA damage**

Protective Effect of Melatonin and Ganoderma Lucidum Against the Negative Effects of Extremely Low Frequency Electromagnetic Fields on Alveolar Bone in Rats: An Experimental Animal Study. (Tanık and Yavaş), 2019; 41:55–66

**Drug resistance**

Study on Drug Resistance Mediated by Expression of HER-2 and LRP in Tumor Tissues of Patients with Gastric Cancer and Expression Correlation Between HER-2 and LRP. (Zhou et al), 2019;41:9–15

**Drugs, Chinese herbal**

Sini Decoction Inhibits Lung Adenocarcinoma A549 Cell Growth by Promoting Cell Apoptosis. (Wang et al), 2019;41:93–101

**E****Echocardiography**

Cardiac Metastases from Solid Papillary Carcinoma of the Breast: Analysis of Clinicopathological Characteristics. (Teng et al), 2019;41:185–190

**Electromagnetic fields**

Protective Effect of Melatonin and Ganoderma Lucidum Against the Negative Effects of Extremely Low Frequency Electromagnetic Fields on Alveolar Bone in Rats: An Experimental Animal Study. (Tanık and Yavaş), 2019; 41:55–66

**Ellagic acid**

Combining Ellagic Acid with Bevacizumab Mediates the Cadherin Switch and Angiogenesis in a Glioblastoma Model. (Çetin and Biltekin), 2019;41:75–82

**Extraarticular lesion**

Unusual Extraarticular Myxoid Malignant Tenosynovial Giant Cell Tumor Mimicking Myxofibrosarcoma: A Report of 2 Cases. (Pan et al), 2019;41:111–117

**F****Flavonoids**

Protective Effect of Taxifolin on Cisplatin-Induced Nephrotoxicity in Rats. (Kara et al), 2019;41:47–54

**G****Ganoderma lucidum**

Protective Effect of Melatonin and Ganoderma Lucidum Against the Negative Effects of Extremely Low Frequency Electromagnetic Fields on Alveolar Bone in Rats: An Experimental Animal Study. (Tanık and Yavaş), 2019; 41:55–66

**Gastric cancer**

Dihydratanshinone I Induces Apoptosis Through Reactive Oxygen Species-Mediated Oxidative Stress in AGS Human Gastric Cancer Cells. (Zhong et al), 2019;41:27–32

Study on Drug Resistance Mediated by Expression of HER-2 and LRP in Tumor Tissues of Patients with Gastric Cancer and Expression

Correlation Between HER-2 and LRP. (Zhou et al), 2019;41:9–15

**Gastric ulcer**

Neurons in the Medulla Oblongata Related to Gastric Mucosal Lesion of Rats Subjected to Restraint Water-Immersion Stress. (Zhao et al), 2019;41:127–138

**Giant cell tumor of tendon sheath**

Unusual Extraarticular Myxoid Malignant Tenosynovial Giant Cell Tumor Mimicking Myxofibrosarcoma: A Report of 2 Cases. (Pan et al), 2019;41:111–117

**Glioblastoma**

Combining Ellagic Acid with Bevacizumab Mediates the Cadherin Switch and Angiogenesis in a Glioblastoma Model. (Çetin and Biltekin), 2019;41:75–82

RRBP1 Expression in Paired Central and Peripheral Astrocytoma Tissue Microarray. (Li et al), 2019;41:23–26

**H****Heart**

Cardiac Metastases from Solid Papillary Carcinoma of the Breast: Analysis of Clinicopathological Characteristics. (Teng et al), 2019;41:185–190

Effect of Rutin on Angiotensin II-Induced Cardiomyocyte Hypertrophy and the Inherent Mechanism. (Wang et al), 2019;41:199–206

**Hepatic sclerosis**

Expression of AFP, P-sel, and MMP-9 in Cirrhosis with Portal Vein Thrombosis. (Hu et al), 2019;41:151–158

**Hepatocellular carcinoma**

Evaluating the Diagnostic Efficiency of Computerized Image Analysis Based on Quantitative Nuclear Parameters in Different Grades of Hepatocellular Carcinoma. (Saadawi et al), 2019;41:102–110

**HER-2**

Study on Drug Resistance Mediated by Expression of HER-2 and LRP in Tumor Tissues of Patients with Gastric Cancer and Expression Correlation Between HER-2 and LRP. (Zhou et al), 2019;41:9–15

**HIF-1 $\alpha$** 

Synergy Assessment of Hypoxia and Lipopolysaccharide on Autophagy in Dendritic Cells. (Zhang et al), 2019;41:67–73

**Hodgkin lymphoma**

Metastasis of Prostatic Adenocarcinoma in a

Lymph Node Affected by Hodgkin Lymphoma: A Case Report. (Piol et al), 2019;41:33–37

#### **hTERT**

miR-138-5p Promotes Proliferation of Human Melanoma Cells by Inhibiting hTERT Expression. (Ye et al), 2019;41:39–46

#### **Human epidermal growth factor receptor 2**

Study on Drug Resistance Mediated by Expression of HER-2 and LRP in Tumor Tissues of Patients with Gastric Cancer and Expression Correlation Between HER-2 and LRP. (Zhou et al), 2019;41:9–15

#### **Hydrogen peroxide**

Autophagy Is Involved in the Apoptosis of Human Retinal Pigment Epithelial Cells Induced by Hydrogen Peroxide. (Yuan et al), 2019;41:139–145

#### **Hypoxia**

Autophagy Promotes the Expression of Vascular Endothelial Growth Factor in Human Retinal Pigment Epithelium Cells. (Chai et al), 2019;41:16–22

Synergy Assessment of Hypoxia and Lipopolysaccharide on Autophagy in Dendritic Cells. (Zhang et al), 2019;41:67–73

### **I**

#### **Image processing, computer-assisted**

3D Reconstruction of Peripheral Nerves Based on Calcium Chloride Enhanced Micro-CT Images. (Zhong et al), 2019;41:159–168

Evaluating the Diagnostic Efficiency of Computerized Image Analysis Based on Quantitative Nuclear Parameters in Different Grades of Hepatocellular Carcinoma. (Saadawi et al), 2019;41:102–110

#### **Immunohistochemical**

Study on Drug Resistance Mediated by Expression of HER-2 and LRP in Tumor Tissues of Patients with Gastric Cancer and Expression Correlation Between HER-2 and LRP. (Zhou et al), 2019;41:9–15

#### **Immunohistochemistry**

Can Numeric Maturation Value Be Used as a Prognostic Indicator and Diagnostic Tool in Cutaneous Melanomas? A Morphometric Study. (Gamsizkan et al), 2019;41:177–183

#### **Immunotherapy**

Olaparib Upregulates miR-630 Expression to Enhance the Chemotherapeutic Sensitivity of BRCA-1 Mutant Triple-Negative Breast Cancer Cell Lines. (Hu et al), 2019;41:169–176

#### **Inflammation**

ADAMTS-5 and Caspase-12 Protein Immunoexpression Levels in Normotensive and Placenta Previa Patients: A Histopathological and Immunohistochemical Study. (Çavuş and Değer), 2019;41:191–198

#### **Intraocular neovascularization**

Autophagy Promotes the Expression of Vascular Endothelial Growth Factor in Human Retinal Pigment Epithelium Cells. (Chai et al), 2019;41:16–22

### **K**

#### **Kidney**

Protective Effect of Taxifolin on Cisplatin-Induced Nephrotoxicity in Rats. (Kara et al), 2019;41:47–54

### **L**

#### **Lingzhi**

Protective Effect of Melatonin and Ganoderma Lucidum Against the Negative Effects of Extremely Low Frequency Electromagnetic Fields on Alveolar Bone in Rats: An Experimental Animal Study. (Tanık and Yavaş), 2019;41:55–66

#### **Lipopolysaccharide**

Synergy Assessment of Hypoxia and Lipopolysaccharide on Autophagy in Dendritic Cells. (Zhang et al), 2019;41:67–73

#### **Liver cancer**

Evaluating the Diagnostic Efficiency of Computerized Image Analysis Based on Quantitative Nuclear Parameters in Different Grades of Hepatocellular Carcinoma. (Saadawi et al), 2019;41:102–110

#### **Liver diseases**

Expression of AFP, P-sel, and MMP-9 in Cirrhosis with Portal Vein Thrombosis. (Hu et al), 2019;41:151–158

#### **Low-frequency electromagnetic fields**

Protective Effect of Melatonin and Ganoderma Lucidum Against the Negative Effects of Extremely Low Frequency Electromagnetic Fields on Alveolar Bone in Rats: An Experimental Animal Study. (Tanık and Yavaş), 2019;41:55–66

#### **LRP**

Study on Drug Resistance Mediated by Expression of HER-2 and LRP in Tumor Tissues of Patients with Gastric Cancer and Expression

Correlation Between HER-2 and LRP. (Zhou et al), 2019;41:9–15

#### **Lung cancer**

Sini Decoction Inhibits Lung Adenocarcinoma A549 Cell Growth by Promoting Cell Apoptosis. (Wang et al), 2019;41:93–101

#### **Lung resistance protein**

Study on Drug Resistance Mediated by Expression of HER-2 and LRP in Tumor Tissues of Patients with Gastric Cancer and Expression Correlation Between HER-2 and LRP. (Zhou et al), 2019;41:9–15

#### **Lymph node**

Metastasis of Prostatic Adenocarcinoma in a Lymph Node Affected by Hodgkin Lymphoma: A Case Report. (Piol et al), 2019;41:33–37

### **M**

#### **Macular degeneration**

Autophagy Is Involved in the Apoptosis of Human Retinal Pigment Epithelial Cells Induced by Hydrogen Peroxide. (Yuan et al), 2019;41:139–145

#### **Magnetic resonance**

3D Reconstruction of Peripheral Nerves Based on Calcium Chloride Enhanced Micro-CT Images. (Zhong et al), 2019;41:159–168

#### **Malignant melanoma**

miR-138-5p Promotes Proliferation of Human Melanoma Cells by Inhibiting hTERT Expression. (Ye et al), 2019;41:39–46

#### **Mandible**

Protective Effect of Melatonin and Ganoderma Lucidum Against the Negative Effects of Extremely Low Frequency Electromagnetic Fields on Alveolar Bone in Rats: An Experimental Animal Study. (Tanik and Yavaş), 2019;41:55–66

#### **Matrix metalloproteinase 9**

Expression of AFP, P-sel, and MMP-9 in Cirrhosis with Portal Vein Thrombosis. (Hu et al), 2019;41:151–158

RRBP1 Expression in Paired Central and Peripheral Astrocytoma Tissue Microarray. (Li et al), 2019;41:23–26

#### **Maturation Value**

Can Numeric Maturation Value Be Used as a Prognostic Indicator and Diagnostic Tool in Cutaneous Melanomas? A Morphometric Study. (Gamsizkan et al), 2019;41:177–183

#### **Medicine**

Sini Decoction Inhibits Lung Adenocarcinoma

A549 Cell Growth by Promoting Cell Apoptosis. (Wang et al), 2019;41:93–101

#### **Medicine, traditional Chinese**

Protective Effect of Melatonin and Ganoderma Lucidum Against the Negative Effects of Extremely Low Frequency Electromagnetic Fields on Alveolar Bone in Rats: An Experimental Animal Study. (Tanik and Yavaş), 2019;41:55–66

Sini Decoction Inhibits Lung Adenocarcinoma A549 Cell Growth by Promoting Cell Apoptosis. (Wang et al), 2019;41:93–101

#### **Medulla oblongata**

Neurons in the Medulla Oblongata Related to Gastric Mucosal Lesion of Rats Subjected to Restraint Water-Immersion Stress. (Zhao et al), 2019;41:127–138

#### **Melanoma**

Can Numeric Maturation Value Be Used as a Prognostic Indicator and Diagnostic Tool in Cutaneous Melanomas? A Morphometric Study. (Gamsizkan et al), 2019;41:177–183

miR-138-5p Promotes Proliferation of Human Melanoma Cells by Inhibiting hTERT Expression. (Ye et al), 2019;41:39–46

#### **Melatonin**

Protective Effect of Melatonin and Ganoderma Lucidum Against the Negative Effects of Extremely Low Frequency Electromagnetic Fields on Alveolar Bone in Rats: An Experimental Animal Study. (Tanik and Yavaş), 2019;41:55–66

#### **Metastasis**

Cardiac Metastases from Solid Papillary Carcinoma of the Breast: Analysis of Clinicopathological Characteristics. (Teng et al), 2019;41:185–190

Metastasis of Prostatic Adenocarcinoma in a Lymph Node Affected by Hodgkin Lymphoma: A Case Report. (Piol et al), 2019;41:33–37

Role of Sema4D in Bone Metastasis of Breast Cancer. (Zou et al), 2019;41:1–8

#### **Micro-computed tomography**

3D Reconstruction of Peripheral Nerves Based on Calcium Chloride Enhanced Micro-CT Images. (Zhong et al), 2019;41:159–168

#### **MicroRNA**

miR-138-5p Promotes Proliferation of Human Melanoma Cells by Inhibiting hTERT Expression. (Ye et al), 2019;41:39–46

Olaparib Upregulates miR-630 Expression to Enhance the Chemotherapeutic Sensitivity of

BRCA-1 Mutant Triple-Negative Breast Cancer Cell Lines. (Hu et al), 2019;41:169–176

#### Mitogen-activated protein kinases

Dihydrotanshinone I Induces Apoptosis Through Reactive Oxygen Species-Mediated Oxidative Stress in AGS Human Gastric Cancer Cells. (Zhong et al), 2019;41:27–32

#### MMP-9 metalloproteinase

Expression of AFP, P-sel, and MMP-9 in Cirrhosis with Portal Vein Thrombosis. (Hu et al), 2019;41:151–158

RRBP1 Expression in Paired Central and Peripheral Astrocytoma Tissue Microarray. (Li et al), 2019;41:23–26

#### Morphometry

Can Numeric Maturation Value Be Used as a Prognostic Indicator and Diagnostic Tool in Cutaneous Melanomas? A Morphometric Study. (Gamsizkan et al), 2019;41:177–183

Evaluating the Diagnostic Efficiency of Computerized Image Analysis Based on Quantitative Nuclear Parameters in Different Grades of Hepatocellular Carcinoma. (Saadawi et al), 2019;41:102–110

#### Mushrooms

Protective Effect of Melatonin and Ganoderma Lucidum Against the Negative Effects of Extremely Low Frequency Electromagnetic Fields on Alveolar Bone in Rats: An Experimental Animal Study. (Tanik and Yavaş), 2019; 41:55–66

#### Myxoid change

Unusual Extraarticular Myxoid Malignant Tenosynovial Giant Cell Tumor Mimicking Myxofibrosarcoma: A Report of 2 Cases. (Pan et al), 2019;41:111–117

## N

#### Neoplasm invasion

RRBP1 Expression in Paired Central and Peripheral Astrocytoma Tissue Microarray. (Li et al), 2019;41:23–26

#### Neovascularization

Autophagy Promotes the Expression of Vascular Endothelial Growth Factor in Human Retinal Pigment Epithelium Cells. (Chai et al), 2019; 41:16–22

#### Nephrotoxicity

Protective Effect of Taxifolin on Cisplatin-Induced Nephrotoxicity in Rats. (Kara et al), 2019;41:47–54

#### Nerve regeneration

3D Reconstruction of Peripheral Nerves Based on Calcium Chloride Enhanced Micro-CT Images. (Zhong et al), 2019;41:159–168

#### Neurons

Neurons in the Medulla Oblongata Related to Gastric Mucosal Lesion of Rats Subjected to Restraint Water-Immersion Stress. (Zhao et al), 2019;41:127–138

#### Nevus, melanocytic

Can Numeric Maturation Value Be Used as a Prognostic Indicator and Diagnostic Tool in Cutaneous Melanomas? A Morphometric Study. (Gamsizkan et al), 2019;41:177–183

#### Nitric oxide

Effect of Rutin on Angiotensin II-Induced Cardiomyocyte Hypertrophy and the Inherent Mechanism. (Wang et al), 2019;41:199–206

## O

#### Olaparib

Olaparib Upregulates miR-630 Expression to Enhance the Chemotherapeutic Sensitivity of BRCA-1 Mutant Triple-Negative Breast Cancer Cell Lines. (Hu et al), 2019;41:169–176

#### Ophthalmic diseases

Autophagy Promotes the Expression of Vascular Endothelial Growth Factor in Human Retinal Pigment Epithelium Cells. (Chai et al), 2019; 41:16–22

#### Oxidative stress

Autophagy Is Involved in the Apoptosis of Human Retinal Pigment Epithelial Cells Induced by Hydrogen Peroxide. (Yuan et al), 2019;41: 139–145

Protective Effect of Taxifolin on Cisplatin-Induced Nephrotoxicity in Rats. (Kara et al), 2019;41:47–54

## P

#### P-selectin

Expression of AFP, P-sel, and MMP-9 in Cirrhosis with Portal Vein Thrombosis. (Hu et al), 2019;41:151–158

#### Pelvic lymph node

Metastasis of Prostatic Adenocarcinoma in a Lymph Node Affected by Hodgkin Lymphoma: A Case Report. (Piol et al), 2019;41:33–37

#### Peripheral nerve injury

3D Reconstruction of Peripheral Nerves Based



on Calcium Chloride Enhanced Micro-CT Images. (Zhong et al), 2019;41:159–168

### Phosphorylation

Role of Sema4D in Bone Metastasis of Breast Cancer. (Zou et al), 2019;41:1–8

### Placenta

ADAMTS-5 and Caspase-12 Protein Immunoexpression Levels in Normotensive and Placenta Previa Patients: A Histopathological and Immunohistochemical Study. (Çavuş and Değer), 2019;41:191–198

Aneurysm-like Invasion into the Bladder of Perinicious Placenta Previa with Placenta Percreta: A Case Report. (Tang et al), 2019;41:146–150

### Plant extracts, Chinese

Dihydrotanshinone I Induces Apoptosis Through Reactive Oxygen Species-Mediated Oxidative Stress in AGS Human Gastric Cancer Cells. (Zhong et al), 2019;41:27–32

Protective Effect of Melatonin and Ganoderma Lucidum Against the Negative Effects of Extremely Low Frequency Electromagnetic Fields on Alveolar Bone in Rats: An Experimental Animal Study. (Tanık and Yavaş), 2019;41:55–66

Sini Decoction Inhibits Lung Adenocarcinoma A549 Cell Growth by Promoting Cell Apoptosis. (Wang et al), 2019;41:93–101

### Portal vein thrombosis

Expression of AFP, P-sel, and MMP-9 in Cirrhosis with Portal Vein Thrombosis. (Hu et al), 2019;41:151–158

### Postpartum hemorrhage

Aneurysm-like Invasion into the Bladder of Perinicious Placenta Previa with Placenta Percreta: A Case Report. (Tang et al), 2019;41:146–150

### Prediction model

Clinicopathologic Evaluation and Prediction Model for Stromal Tumor-Infiltrating Lymphocytes in the Development of Breast Cancer. (Jiang et al), 2019;41:119–126

### Preeclampsia

Immunohistochemical Distribution of ADAMTS-1, ADAMTS-4 Expression in Placentas from Women with Preeclampsia and Normotensive Healthy Women at the Third Trimester of Pregnancy. (Görük), 2019;41:83–92

### Pregnancy complications

ADAMTS-5 and Caspase-12 Protein Immunoexpression Levels in Normotensive and Placenta Previa Patients: A Histopathological and Im-

munohistochemical Study. (Çavuş and Değer), 2019;41:191–198

Aneurysm-like Invasion into the Bladder of Perinicious Placenta Previa with Placenta Percreta: A Case Report. (Tang et al), 2019;41:146–150

Immunohistochemical Distribution of ADAMTS-1, ADAMTS-4 Expression in Placentas from Women with Preeclampsia and Normotensive Healthy Women at the Third Trimester of Pregnancy. (Görük), 2019;41:83–92

### Prostate cancer

Metastasis of Prostatic Adenocarcinoma in a Lymph Node Affected by Hodgkin Lymphoma: A Case Report. (Piol et al), 2019;41:33–37

## R

### Rats, Wistar

Neurons in the Medulla Oblongata Related to Gastric Mucosal Lesion of Rats Subjected to Restraint Water-Immersion Stress. (Zhao et al), 2019;41:127–138

### Reactive oxygen species

Dihydrotanshinone I Induces Apoptosis Through Reactive Oxygen Species-Mediated Oxidative Stress in AGS Human Gastric Cancer Cells. (Zhong et al), 2019;41:27–32

### Reishi

Protective Effect of Melatonin and Ganoderma Lucidum Against the Negative Effects of Extremely Low Frequency Electromagnetic Fields on Alveolar Bone in Rats: An Experimental Animal Study. (Tanık and Yavaş), 2019;41:55–66

### Restraint water-immersion stress

Neurons in the Medulla Oblongata Related to Gastric Mucosal Lesion of Rats Subjected to Restraint Water-Immersion Stress. (Zhao et al), 2019;41:127–138

### Retinal pigment epithelial cells

Autophagy Promotes the Expression of Vascular Endothelial Growth Factor in Human Retinal Pigment Epithelium Cells. (Chai et al), 2019;41:16–22

### Ribosome binding protein 1

RRBP1 Expression in Paired Central and Peripheral Astrocytoma Tissue Microarray. (Li et al), 2019;41:23–26

### Risk factors

Expression of AFP, P-sel, and MMP-9 in Cirrhosis with Portal Vein Thrombosis. (Hu et al), 2019;41:151–158

**Rutin**

Effect of Rutin on Angiotensin II-Induced Cardiomyocyte Hypertrophy and the Inherent Mechanism. (Wang et al), 2019;41:199–206

**S****Salvia miltiorrhiza**

Dihydrotanshinone I Induces Apoptosis Through Reactive Oxygen Species-Mediated Oxidative Stress in AGS Human Gastric Cancer Cells. (Zhong et al), 2019;41:27–32

**Schwann cells**

Can Numeric Maturation Value Be Used as a Prognostic Indicator and Diagnostic Tool in Cutaneous Melanomas? A Morphometric Study. (Gamsizkan et al), 2019;41:177–183

**Sclerosis**

Expression of AFP, P-sel, and MMP-9 in Cirrhosis with Portal Vein Thrombosis. (Hu et al), 2019;41:151–158

**Semaphorins**

Role of Sema4D in Bone Metastasis of Breast Cancer. (Zou et al), 2019;41:1–8

**Sini decoction**

Sini Decoction Inhibits Lung Adenocarcinoma A549 Cell Growth by Promoting Cell Apoptosis. (Wang et al), 2019;41:93–101

**Skin cancer**

Can Numeric Maturation Value Be Used as a Prognostic Indicator and Diagnostic Tool in Cutaneous Melanomas? A Morphometric Study. (Gamsizkan et al), 2019;41:177–183

miR-138-5p Promotes Proliferation of Human Melanoma Cells by Inhibiting hTERT Expression. (Ye et al), 2019;41:39–46

**Solid papillary carcinoma**

Cardiac Metastases from Solid Papillary Carcinoma of the Breast: Analysis of Clinicopathological Characteristics. (Teng et al), 2019;41:185–190

**Sox10 transcription factor**

Can Numeric Maturation Value Be Used as a Prognostic Indicator and Diagnostic Tool in Cutaneous Melanomas? A Morphometric Study. (Gamsizkan et al), 2019;41:177–183

**Stomach ulcer**

Neurons in the Medulla Oblongata Related to Gastric Mucosal Lesion of Rats Subjected to Restraint Water-Immersion Stress. (Zhao et al), 2019;41:127–138

**Stress gastric mucosal lesion**

Neurons in the Medulla Oblongata Related to

Gastric Mucosal Lesion of Rats Subjected to Restraint Water-Immersion Stress. (Zhao et al), 2019;41:127–138

**Stromal tumor-infiltrating lymphocytes**

Clinicopathologic Evaluation and Prediction Model for Stromal Tumor-Infiltrating Lymphocytes in the Development of Breast Cancer. (Jiang et al), 2019;41:119–126

**T****Taxifolin**

Protective Effect of Taxifolin on Cisplatin-Induced Nephrotoxicity in Rats. (Kara et al), 2019;41:47–54

**Tenosynovial giant cell tumor**

Unusual Extraarticular Myxoid Malignant Tenosynovial Giant Cell Tumor Mimicking Myxofibrosarcoma: A Report of 2 Cases. (Pan et al), 2019;41:111–117

**Three-dimensional reconstruction**

3D Reconstruction of Peripheral Nerves Based on Calcium Chloride Enhanced Micro-CT Images. (Zhong et al), 2019;41:159–168

**Thrombosis**

Expression of AFP, P-sel, and MMP-9 in Cirrhosis with Portal Vein Thrombosis. (Hu et al), 2019;41:151–158

**Tissue engineering**

3D Reconstruction of Peripheral Nerves Based on Calcium Chloride Enhanced Micro-CT Images. (Zhong et al), 2019;41:159–168

**Tissue scaffolds**

3D Reconstruction of Peripheral Nerves Based on Calcium Chloride Enhanced Micro-CT Images. (Zhong et al), 2019;41:159–168

**Triple-negative breast cancer**

Olaparib Upregulates miR-630 Expression to Enhance the Chemotherapeutic Sensitivity of BRCA-1 Mutant Triple-Negative Breast Cancer Cell Lines. (Hu et al), 2019;41:169–176

**Trophoblast cells**

Immunohistochemical Distribution of ADAMTS-1, ADAMTS-4 Expression in Placentas from Women with Preeclampsia and Normotensive Healthy Women at the Third Trimester of Pregnancy. (Görük), 2019;41:83–92

**Tumor grading**

Evaluating the Diagnostic Efficiency of Computerized Image Analysis Based on Quantitative Nuclear Parameters in Different Grades of Hepatocellular Carcinoma. (Saadawi et al), 2019;41:102–110

**Tumor-infiltrating lymphocytes**

Clinicopathologic Evaluation and Prediction Model for Stromal Tumor-Infiltrating Lymphocytes in the Development of Breast Cancer. (Jiang et al), 2019;41:119–126

**V****Vascular endothelial growth factor**

Autophagy Promotes the Expression of Vascular Endothelial Growth Factor in Human Retinal Pigment Epithelium Cells. (Chai et al), 2019; 41:16–22

Combining Ellagic Acid with Bevacizumab Mediates the Cadherin Switch and Angiogenesis in a Glioblastoma Model. (Çetin and Biltekin), 2019;41:75–82

**Venous thrombosis**

Expression of AFP, P-sel, and MMP-9 in Cirrhosis with Portal Vein Thrombosis. (Hu et al), 2019;41:151–158

**Vision loss**

Autophagy Promotes the Expression of Vascular Endothelial Growth Factor in Human Retinal Pigment Epithelium Cells. (Chai et al), 2019; 41:16–22

**X****X-Ray microtomography**

3D Reconstruction of Peripheral Nerves Based on Calcium Chloride Enhanced Micro-CT Images. (Zhong et al), 2019;41:159–168