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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- α 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- α 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- α 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

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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

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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- α

Expression of pSTAT3 and TNF- α 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