

**JOURNAL OF ENVIRONMENTAL PATHOLOGY,
TOXICOLOGY AND ONCOLOGY**

INDEX VOLUME 37, 2018

Page Range of Issues

Issue 1: 1-91; Issue 2: 93-181; Issue 3: 183-272; Issue 4: 273-364

ISSUE 1

Beneficial Protective Effect of Troxerutin on Nickel-Induced Renal Dysfunction in Wistar Rats <i>P. Elangovan, R. Ramakrishnan, K. Amudha, A. Mohamed Jalaludeen, G. Karuna Sagaran, F. Rajan Babu, & L. Pari</i>	1
Noncoding RNAs (ncRNA) in Hepato Cancer: A Review <i>X. Sun & A. Malhotra</i>	15
Partially Purified Aqueous Fraction of <i>Desmodium gyrans</i> DC Improves Reverse Cholesterol Transport and Lipoprotein Metabolism in Wistar Rats Fed with High Fat Diet <i>M.S. Indu, J. Padikkala, & A.C. Raghavamnen</i>	17
Pharmacological Evaluation of Novel Flavone from <i>Morus alba</i> in Pentylenetetrazole-Induced Kindling and Oxidative Stress <i>B. Wang, G. Gupta, M. Singh, K. V. Setty Veerabhadrapa, A. Mishra, & G. Krishna Chinnaboina</i>	43
Evaluation of Antiarthritic Activity of Butanol Fraction of <i>Punica granatum</i> Linn. Rind Extract Against Freund's Complete Adjuvant-Induced Arthritis in Rats <i>R.K. Gautam, S. Sharma, K. Sharma, & G. Gupta</i>	53
Combined Administration of Monosodium Glutamate and High Sucrose Diet Accelerates the Induction of Type 2 Diabetes, Vascular Dysfunction, and Memory Impairment in Rats <i>K. Saikrishna, R. Kumari, K. Chaitanya, S. Biswas, P.G. Nayak, J. Mudgal, A. Kishore, & K. Nandakumar</i>	63
Clinicopathological Characteristics and Prognoses of Elderly Gastric Cancer Patients after R0 Resection: A Multicenter Study in China <i>X. Ma, D. Ren, J. Kan, F. Zheng, S. Zhang, Y. Zhang, Y. Li, Z. Liu, L. Ye, G. Shen, Z. Wang, F. Zhao, R. Ahmad, & J. Zhao</i>	81

ISSUE 2

Modulatory Potential of Curcumin and Resveratrol on p53 Post-Translational Modifications during Gastric Cancer <i>H. Xu, W.-B. Yu, Y. Gao, M.-J. Zhang, A. Malhotra, & W.-H. Yu</i>	93
In Vivo Anticancer Activity of Biosynthesized Zinc Oxide Nanoparticle using <i>Turbinaria conoides</i> on a Dalton's Lymphoma Ascites Mice Model <i>R.K. Raajshree & D. Brindha</i>	103
Prognostic Implications of Derivative Chromosome 9 Deletions in Patients with Advanced-Stage Chronic Myelogenous Leukemia <i>R.K. Chandran, N. Geetha, K.M. Sakthivel, C.G. Aswathy, P. Gopinath, J.K.K.M. Nair, & H. Sreedharan</i>	117
Short-Term Effects of Titanium Dioxide Nanofiber on the Renal Function of Male Sprague Dawley Rats <i>D.A. Hunter, L.K. Bartel, I. Byrd, B. Bogan, W. Yau, J. Wu, W.E. Gato</i>	127
Melatonin Improves Behavioral and Biochemical Outcomes in a Rotenone-Induced Rat Model of Parkinson's Disease <i>M.Z. Rasheed, S.S. Andrabi, M. Salman, H. Tabassum, M. Shaquiquzzaman, S. Parveen, & S. Parvez</i>	139
Beneficial Outcomes of Kimchi Prepared with <i>Amtak Baechu</i> Cabbage and Salting in Brine	

Solution: Anticancer Effects in Pancreatic and Hepatic Cancer Cells	151
<i>G.-H. Song, E.-S. Park, S.-M. Lee, D.-B. Park, & K.-Y. Park</i>	
Efficacy of Curcumin in Ameliorating Aluminum-Induced Neurotoxicity	163
<i>H. Zhang, W. Zhao, & A. Malhotra</i>	
Determination of Apoptotic Effect of Juglone on Human Bladder Cancer TCC-SUP and RT-4 Cells: An <i>In Vitro</i> Study	173
<i>D. Bayram, I. Armagan, M. Ozgogmen, N. Senol, & M. Calapoglu</i>	
<u>ISSUE 3</u>	
Detrimental Effects of Heavy Metals in Soil, Plants, and Aquatic Ecosystems and in Humans	183
<i>A. Jaiswal, A. Verma, & P. Jaiswal</i>	
Herbal Medicines in Neurodegenerative Disorders: An Evolutionary Approach through Novel Drug Delivery System	199
<i>S.K. Dubey, G. Singhvi, K. V. Krishna, T. Agnihotri, R.N. Saha, & G. Gupta</i>	
Nanoparticles in Daily Life: Applications, Toxicity and Regulations	209
<i>R. Gupta & H. Xie</i>	
Cytotoxic Effect of <i>Spondias cytherea</i> Fruit Extract in Murine Melanoma Model <i>In Vivo</i> and <i>In Vitro</i>	231
<i>F.N. Yolande, B. Sayantan, G. Paramita, S. Deblina, M.R. Simplice, T.B. Christopher, & M. Nabendu</i>	
Chronic Atrophic Gastritis: A Review	241
<i>Y. Li, R. Xia, B. Zhang, & C. Li</i>	
Targeting MAPK (p38, ERK, JNK) and inflammatory CK (GDF-15, GM-CSF) in UVB-Activated Human Skin Cells with <i>Vitis vinifera</i> Seed Extract	261
<i>H.P. Decean, I.C. Brie, C.B. Tatomir, M. Perde-Schrepler, E. Fischer-Fodor, & P. Virág</i>	
<u>ISSUE 4</u>	
Colono-protective Potentality of Methanolic Bark Extract of <i>Acacia catechu</i>: A Medicinal Plant against 1,2-Dimethylhydrazine-Induced Toxicity in Wistar Rats	273
<i>Alpashree, S.K. Hasan, J. Islam, A. Vafa, S.M. Afzal, P. Barnwal, A. Siddiqi, R. Ali, & S. Sultana</i>	
Antiarthritic Activity of Diallyl Disulfide against Freund's Adjuvant-Induced Arthritic Rat Model	291
<i>Y. Chen, R. Xue, X. Jin, & X. Tan</i>	
Potential Role of Induced Pluripotent Stem Cells as Regenerative Medicine in Retinal Cell Damage	305
<i>Y.-J. Sun, Y.-R. Pan, B. Fan, & G.-Y. Li</i>	
Investigating the Role of Mitochondrial Respiratory Dysfunction during Hexavalent Chromium-Induced Lung Carcinogenesis	317
<i>J.T.F. Wise, L. Wang, M.C. Alstott, N.N.O. Ngalamé, Y. Wang, Z. Zhang, & X. Shi</i>	
Studying the <i>in Silico</i> Effect of Ellagic Acid on HIF-2a to Improve Efficacy of Anticancer Therapy	331
<i>V. Ahire, D. Das, S. Arora, A. Kumar, G. Ramakrishna, & K.P. Mishra</i>	
Lutein Inhibits Cell Growth and Activates Apoptosis via the PI3K/AKT/mTOR Signaling Pathway in A549 Human Non-Small-Cell Lung Cancer Cells	341
<i>W.-L. Zhang, Y.-N. Zhao, Z.-Z. Shi, D. Cong, & Y.-S. Bai</i>	
Evaluation of Anti-Nociceptive and Anti-Inflammatory Effect of Luteolin in Mice	351
<i>X. Fan, K. Du, N. Li, Z. Zheng, Y. Qin, J. Liu, R. Sun, & Y. Su</i>	
Index Volume 37, 2018	365

**JOURNAL OF ENVIRONMENTAL PATHOLOGY,
TOXICOLOGY AND ONCOLOGY**

AUTHOR INDEX VOLUME 37, 2018

Page Range of Issues

Issue 1: 1-91; Issue 2: 93-181; Issue 3: 183-272; Issue 4: 273-364

Afzal, S.M., 273	Indu, M.S., 17	Ramakrishna, G., 331
Agnihotri, T., 199	Islam, J., 273	Ramakrishnan, R., 1
Ahire, V., 331	Jaiswal, A., 183	Rasheed, M.Z., 139
Ahmad, R., 81	Jaiswal, P., 183	Ren, D., 81
Ali, R., 273	Jin, X., 291	Saha, R.N., 199
Alpashree, 273	Kan, J., 81	Saikrishna, K., 63
Alstott, M.C., 317	Karuna Sagaran, G., 1	Sakthivel, K.M., 117
Amudha, K., 1	Kishore, A., 63	Salman, M., 139
Andrabi, S.S., 139	Krishna Chinnaboina, G., 43	Sayantan, B., 231
Armagan, I., 173	Krishna, K.V., 199	Şenol, N., 173
Arora, S., 331	Kumar, A., 331	Setty Veerabhadrappa, K.V., 43
Aswathy, C.G., 117	Kumari, R., 63	Shaquizzaman, M., 139
Bai, Y.-S., 341	Lee, S.-M., 151	Sharma, K., 43
Barnwal, P., 273	Li, C., 241	Sharma, S., 43
Bartel, L.K., 127	Li, G.-Y., 305	Shen, G., 81
Bayram, D., 173	Li, N., 351	Shi, X., 317
Biswas, S., 63	Li, Y., 81, 241	Shi, Z.-Z., 341
Bogan, B., 127	Liu, J., 351	Siddiqi, A., 273
Brie, I.C., 261	Liu, Z., 81	Simplice, M.R., 231
Brindha, D., 103	Ma, X., 81	Singh, M., 43
Byrd, I., 127	Malhotra, A., 1, 93, 163	Singhvi, G., 199
Calapoglu, M., 173	Mishra, A., 43	Song, G.-H., 151
Chaitanya, K., 63	Mishra, K.P., 331	Sreedharan, H., 117
Chandran, R.K., 117	Mohamed Jalaludeen, A., 1	Su, Y., 351
Chen, Y., 291	Mudgal, J., 63	Sultana, S., 273
Christopher, T.B., 231	Nabendu, M., 231	Sun, R., 351
Cong, D., 341	Nair, J.K.K.M., 117	Sun, X., 15
Das, D., 331	Nandakumar, K., 63	Sun, Y.-J., 305
Deblina, S., 231	Nayak, P.G., 63	Tabassum, H., 139
Decean, H.P., 261	Ngalame, M.M.O., 317	Tan, X., 291
Du, K., 351	Ozgojmen, M., 173	Tatomir, C.B., 261
Dubey, S.K., 199	Padikkala, J., 17	Vafa, A., 273
Elangovan, P., 1	Pan, Y.-R., 305	Verma, A., 183
Fan, B., 305	Paramita, G., 231	Virag, P., 261
Fan, X., 351	Pari, L., 1	Wang, B., 43
Fischer-Fodor, E., 261	Park, D.-B., 151	Wang, L., 317
Gao, Y., 93	Park, E.-S., 151	Wang, Y., 317
Gato, W.E., 127	Park, K.-Y., 151	Wang, Z., 81
Gautam, R.K., 53	Parveen, S., 139	Wise, J.T.F., 317
Geetha, N., 117	Parvez, S., 139	Wu, J., 127
Gopinath, P., 117	Perde-Schrepler, M., 261	Xia, R., 241
Gupta, G., 43, 199	Qin, Y., 351	Xie, H., 209
Gupta, R., 209	Raajshree, R.K., 103	Xu, H., 93
Hasan, S.K., 273	Raghavamenon, A.C., 17	Xue, R., 291
Hunter, D.A., 127	Rajan Babu, F., 1	Yau, W., 127

- Ye, L., 81
Yolande, F.N., 231
Yu, W.-B., 93
Yu, W.-H., 93
Zhang, B., 241
Zhang, H., 163
- Zhang, M.-Z., 93
Zhang, S., 81
Zhang, W.-L., 341
Zhang, Y., 81
Zhang, Z., 317
Zhao, F., 81
- Zhao, J., 81
Zhao, W., 163
Zhao, Y.-N., 341
Zheng, F., 81
Zheng, Z., 351

**JOURNAL OF ENVIRONMENTAL PATHOLOGY,
TOXICOLOGY AND ONCOLOGY**

SUBJECT INDEX VOLUME 37, 2018

Page Range of Issues

Issue 1: 1-91; Issue 2: 93-181; Issue 3: 183-272; Issue 4: 273-364

- | | | |
|--|--|--------------------------------------|
| 1,2-Dimethylhydrazine, 273 | engineered nanoparticles, 209 | Monosodium glutamate, 63 |
| A549, 341 | entry routes, 209 | <i>Morus alba</i> , 43 |
| <i>Acacia catechu</i> , 273 | environmental impact, 209 | morusflavone, 43 |
| aluminum, 163 | ERK, 261 | multifocal atrophic gastritis, 241 |
| Alzheimer's disease, 199 | FCA model, 53 | nanowaste, 209 |
| <i>Amtak</i> Baechu cabbage, 151 | fluorescence <i>in situ</i> hybridization, 117 | neuroprotection, 139 |
| anticancer activity, 103 | gastrectomy, 81 | neurotoxicity, 163 |
| anti-inflammatory, 351 | gastric cancer, 81, 93, 241 | nickel, 1 |
| anti-nociceptive, 351 | GDF-15, 261 | novel delivery system, 199 |
| antioxidant, 1 | gene expression, 127 | oxidative stress, 1, 43, 199, 273 |
| ApoA-1, 27 | GM-CSF, 261 | p38, 261 |
| apoptosis, 173 | HDL, 27 | p53, 93 |
| arthritis, 53, 291 | <i>Helicobacter pylori</i> , 241 | pain models, 351 |
| atrophic gastritis, 41 | hepatocellular carcinoma, 15 | Parkinson's disease, 139 |
| atypical <i>BRCA/ABL1</i> gene rearrangements, 117 | HepG2 liver cancer cells, 151 | phytochemicals, 93 |
| auto-immune, 53 | herbal drugs, 199 | PI3K/AKT, 341 |
| behavior, 139 | hexavalent chromium, 317 | pluripotent stem cells, 305 |
| bladder cancer, 173 | high sucrose diet, 63 | pomegranate, 53 |
| brine solution treatment method, 151 | hypoxia, ellagic acid, 331 | post-translational modifications, 93 |
| cancer, 15 | <i>in vitro</i> , 173 | prognosis, 81 |
| Capan-2 pancreas cancer cells, 151 | inflammation, 127, 273, 291 | <i>Punica granatum</i> , 53 |
| CD133, 231 | inflammatory models, 351 | rat, 139 |
| cell line, 173 | isolation, 43 | RCT, 27 |
| cerebellum, 163 | JNK, 261 | red grape seed extract, 261 |
| cerebrum, 163 | juglone, 173 | regenerative medicine, 305 |
| CETP, 27 | kimchi, 151 | renal dysfunction, 1 |
| characterization, 43 | kindling, 43 | renal toxicity, 127 |
| chromium, 317 | lipid peroxidation, 1 | resveratrol, 93 |
| chronic myelogenous leukemia, 117 | long noncoding RNAs, 15 | retinal cells, 305 |
| complete Freund's adjuvant, 291 | lung cancer, 341 | retinal pigmented epithelium, 305 |
| control banding, 209 | lung, 317 | rheumatoid arthritis, 53 |
| COX-2, 231 | lutein, 341 | rotenone, 139 |
| curcumin, 93, 163 | luteolin, 351 | Seahorse Analyzer, 317 |
| Dalton's lymphoma ascites, 103 | MAPK, 261 | SR-BI, 27 |
| DAPI, 341 | melatonin, 139 | titanium dioxide nanofiber, 127 |
| deletion, 117 | metabolic disorders, 63 | troxerutin, 1 |
| derivative chromosome 9 | metabolism, 317 | TUNEL, 341 |
| DGMAF, 27 | microRNAs, 15 | <i>Turbinaria conoides</i> , 103 |
| diabetes, 63 | mitochondria, 317 | tyrosine hydroxylase, 139 |
| diallyl disulfide, 291 | mitochondrial dysfunction, 199 | vascular dysfunction, 63 |
| disposal, 209 | MM-PB/SA, 331 | vimentin, 231 |
| elderly patients, 81 | molecular dynamics, 331 | zinc oxide nanoparticles, 103 |
| embryonic stem, 305 | molecular stimulation, 331 | |