

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

**INDEX VOLUME 39, 2020**

**Page Range of Issues**

**Issue 1: 1–99; Issue 2: 101–199; Issue 3: 201–290; Issue 4: 291–384**

## **ISSUE 1**

<b>Clozapine Improves Behavioral and Biochemical Outcomes in a MK-801-Induced Mouse Model of Schizophrenia</b>	<b>1</b>
<i>S.S. Andrabi, S. Vishnoi, R. Madan, N. Bhardwaj, H. Tabassum, M. Akram, &amp; S. Parvez</i>	
<b>Nobiletin Attenuates Cell Proliferation by Modulating the Activating Protein-1 Signaling Pathway in 7,12-Dimethylbenz[a]anthracene-Induced Mammary Carcinogenesis</b>	<b>13</b>
<i>H. Zhang, P. Lv, Z. Xiao, E.A. Jothi, &amp; J. Yang</i>	
<b>Effects of Tobacco on Biochemical Parameters in Healthy and Type 2 Diabetic Subjects</b>	<b>23</b>
<i>B. Upadhyay, S. Dwivedi, S. Wajid, &amp; S.K. Jain</i>	
<b>Identification of Potential Oncogenic Long Non-Coding RNA Set as a Biomarker Associated with Colon Cancer Prognosis</b>	<b>39</b>
<i>M. Chen, M. Fan, J. Yang, &amp; J. Lang</i>	
<b>Evaluation of Cytotoxicity of Different Part Extracts of <i>Ipomoea turpethum</i> against Breast Cancer Cell Lines</b>	<b>51</b>
<i>M. Mughees &amp; S. Wajid</i>	
<b>Antiatherosclerotic Activity of Eriocitrin in High-Fat-Diet-Induced Atherosclerosis Model Rats</b>	<b>61</b>
<i>J. Wan, Y. Feng, L. Du, V.P. Veeraraghavan, S.K. Mohan, &amp; S. Guo</i>	
<b>Nobiletin Inhibits <i>Helicobacterium pylori</i> Infection-Induced Gastric Carcinogenic Signaling by Blocking Inflammation, Apoptosis, and Mitogen-Activated Protein Kinase Events in Gastric Epithelial-1 Cells</b>	<b>77</b>
<i>Y. Ouyang, L. Li, &amp; P. Ling</i>	
<b>Tilianin Protects Diabetic Retina through the Modulation of Nrf2/TXNIP/NLRP3 Inflammasome Pathways</b>	<b>89</b>
<i>Y. Zhang, Z. Gao, X. Gao, Z. Yuan, T. Ma, G. Li, &amp; X. Zhang</i>	

## **ISSUE 2**

<b>Evaluation of Potential of Long Noncoding RNA NEAT1 in Colorectal Cancer</b>	<b>101</b>
<i>H. Cheng &amp; A. Malhotra</i>	
<b>Vicenin-2 Treatment Attenuated the Diethylnitrosamine-Induced Liver Carcinoma and Oxidative Stress through Increased Apoptotic Protein Expression in Experimental Rats</b>	<b>113</b>
<i>C. Zhang, Y. Chen, M. Zhang, C. Xu, G. Gong, V.P. Veeraraghavan, S.R. Bolla, &amp; Y. Li</i>	
<b>Going Beyond Antibiotics: Natural Plant Extracts as an Emergent Strategy to Combat Biofilm-Associated Infections</b>	<b>125</b>
<i>J. Kou, T.Y. Xin, P. McCarron, G. Gupta, H. Dureja, S. Satija, M. Mehta, H.A. Bakshi, M.M. Tambuwala, T. Collet, K. Dua, &amp; D.K. Chellappan</i>	
<b>Immunomodulatory Effect of Eriocitrin in Experimental Animals with Benzo(a)Pyrene-induced Lung Carcinogenesis</b>	<b>137</b>
<i>Q. Wang, L. Zhang, M. Huang, Y. Zheng, &amp; K. Zheng</i>	
<b>The Role of <i>Spirulina (Arthrospira)</i> in the Mitigation of Heavy-Metal Toxicity: An Appraisal</b>	<b>149</b>
<i>S. Bhattacharya</i>	
<b>Therapeutic Role of Natural Agents in the Management of Coronary Artery Disease:</b>	

<b>A Review</b>	<b>159</b>
<i>K.V. Hatware, S. Sharma, K. Patil, H. Rajput, &amp; G. Gupta</i>	
<b>Ginkgo biloba Extract Mechanism Inhibits Hepatocellular Carcinoma through the Nuclear Factor-κB/p53 Signaling Pathway</b>	<b>179</b>
<i>R. Wang, X. Shao, J. Yang, Z. Liu, L. Chew, &amp; Y. Shao</i>	
<b>Naringin, a Natural Flavonoid, Modulates UVB Radiation-Induced DNA Damage and Photoaging by Modulating NER Repair and MMPs Expression in Mouse Embryonic Fibroblast Cells</b>	<b>191</b>
<i>R.N. Das, A. Balupillai, E. David, M. Santhoshkumar, &amp; S. Muruhan</i>	
<b>ISSUE 3</b>	
<b>Safety Concerns of Organic Ultraviolet Filters: Special Focus on Endocrine-Disrupting Properties</b>	<b>201</b>
<i>D. Oral, A. Yirun, &amp; P. Erkekoglu</i>	
<b>Effect of Betulin on Inflammatory Biomarkers and Oxidative Status of Ova-Induced Murine Asthma</b>	<b>213</b>
<i>L. Wang &amp; D. Zhong</i>	
<b>Effects of Boldine on Antioxidants and Allied Inflammatory Markers in Mouse Models of Asthma</b>	<b>225</b>
<i>W. Li, V.P. Veeraraghavan, &amp; W. Ma</i>	
<b>Protective Effect of D-Carvone against Dextran Sulfate Sodium Induced Ulcerative Colitis in Balb/c Mice and LPS Induced RAW Cells via the Inhibition of COX-2 and TNF-α</b>	<b>235</b>
<i>X. Zhu, G. Wang, S. Wu, &amp; C. Li</i>	
<b>Malvidin Abrogates Oxidative Stress and Inflammatory Mediators to Inhibit Solid and Ascitic Tumor Development in Mice</b>	<b>247</b>
<i>K.M. Sakthivel, K. Kokilavani, C. Kathirvelan, &amp; D. Brindha</i>	
<b>Cross Talk between Mitochondria and Other Targets in Alzheimer's Disease</b>	<b>261</b>
<i>R. Khatoon, M. Pahuja, &amp; S. Parvez</i>	
<b>Cystathionine β Synthase/Hydrogen Sulfide Signaling in Multiple Myeloma Regulates Cell Proliferation and Apoptosis</b>	<b>281</b>
<i>M. Zhang, J. Li, B. Huang, L. Kuang, F. Xiao, &amp; D. Zheng</i>	
<b>ISSUE 4</b>	
<b>Tomentosin Inhibits Lipopolysaccharide-Induced Acute Lung Injury and Inflammatory Response by Suppression of the NF-κB Pathway in a Mouse Model of Sepsis</b>	<b>291</b>
<i>H. Zhu, Y. Wang, J. Sun, C. Fan, &amp; J. Wan</i>	
<b>Vernolide-A and Vernodaline: Sesquiterpene Lactones with Cytotoxicity against Cancer</b>	<b>299</b>
<i>N.H. Nguyen, M.T. Nguyen, P.J. Little, A.T. Do, P.T. Tran, X.N. Vo, &amp; B.H. Do</i>	
<b>FAPP2 Accelerates the Proliferation and Invasion of Hepatocellular Carcinoma Cells via Wnt/β-Catenin Signaling</b>	<b>309</b>
<i>L. Kong &amp; L. Dong</i>	
<b>Biochemical Pathways Regulated by Algae to Mitigate Global Carbon Emissions: A Review</b>	<b>317</b>
<i>A. Jaiswal, V. Babu, B. Baishya, &amp; P. Jaiswal</i>	
<b>Role of Tilianin against Acute Lung Injury in <i>In Vitro</i> LPS-Induced Alveolar Macrophage Cells and an <i>In Vivo</i> C57BL/6 Mice Model</b>	<b>335</b>
<i>Y. Zhang &amp; Z. Fu</i>	
<b>Kirenol Exhibits the Protective Role against N-Methyl-N-Nitrosourea-Induced Gastric Cancer in Rats via Modulating the Oxidative Stress and Inflammatory Markers</b>	<b>345</b>
<i>W. Liu, Y. Li, &amp; C. Li</i>	
<b>Anti-Inflammatory Effect of Mangiferin on an Experimental Model of Allergic Rhinitis through the Inhibition of NF-κB Signaling Pathways</b>	<b>357</b>

<i>Y. Wang, C. Cui, &amp; H. Sun</i>	
<b>Deciphering the Role of Human Gastrointestinal Microbiota in the Pathogenesis of Vaginal Infection and Cervical Cancer</b>	<b>365</b>
<i>J. Wang, Z. Yang, &amp; W. Li</i>	
<b>Diosmin Regulates Oxidative Stress and Inflammatory Marker Levels in N-Methyl-N-Nitrosourea-Induced Gastric Carcinogenesis in Rats</b>	<b>375</b>
<i>Y. Zhao, J. Zhang, &amp; W. Liu</i>	
<b>Index, Volume 39, 2020</b>	<b>385</b>

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

## **AUTHOR INDEX VOLUME 39, 2020**

### **Page Range of Issues**

**Issue 1: 1–99; Issue 2: 101–199; Issue 3: 201–290; Issue 4: 291–384**

Akram, M., 1	Jothi, E.A., 13	Sun, H., 357
Andrabi, S.S., 1	Kathirvelan, C., 247	Sun, J., 291
Babu, V., 317	Khatoon, R., 261	Tabassum, H., 1
Baishya, B., 317	Kokilavani, K., 247	Tambuwala, M.M., 125
Bakshi, H.A., 125	Kong, L., 309	Tran, P.T., 299
Balupillai, A., 191	Kou, J., 125	Upadhyay, B., 23
Bhardwaj, N., 1	Kuang, L., 281	Veeraraghavan, V.P., 61, 113, 225
Bhattacharya, S., 149	Lang, J., 39	Vishnoi, S., 1
Bolla, S.R., 113	Li, C., 235, 345	Vo, X.N., 299
Brindha, D., 247	Li, G., 89	Wajid, S., 23, 51
Chellappan, D.K., 125	Li, J., 281	Wan, J., 61, 291
Chen, M., 39	Li, L., 77	Wang, G., 235
Chen, Y., 113	Li, W., 225, 365	Wang, J., 365
Cheng, H., 101	Li, Y., 113, 345	Wang, L., 213
Chew, L., 179	Ling, P., 77	Wang, Q., 137
Collet, T., 125	Little, P.J., 299	Wang, R., 179
Cui, C., 357	Liu, W., 345, 375	Wang, Y., 291, 357
Das, R.M., 191	Liu, Z., 179	Wu, S., 235
David, E., 191	Lv, P., 13	Xiao, F., 281
Do, A.T., 299	Ma, T., 89	Xiao, Z., 13
Do, B.H., 299	Ma, W., 225	Xin, T.Y., 125
Dong, L., 309	Madan, R., 1	Xu, C., 113
Du, L., 61	Malhotra, A., 101	Yang, J., 13, 39, 179
Dua, K., 125	McCarron, P., 125	Yang, Z., 365
Dureja, H., 125	Mehta, M., 125	Yirun, A., 201
Dwivedi, S., 23	Mohan, S.K., 61	Yuan, Z., 89
Erkekoglu, P., 201	Mughees, M., 51	Zhang, C., 113
Fan, C., 291	Muruhan, S., 191	Zhang, H., 13
Fan, M., 39	Nguyen, M.T., 299	Zhang, J., 375
Feng, Y., 61	Nguyen, N.H., 299	Zhang, L., 137
Fu, Z., 335	Oral, D., 201	Zhang, M., 113, 281
Gao, X., 89	Ouyang, Y., 77	Zhang, X., 89
Gao, Z., 89	Pahuja, M., 261	Zhang, Y., 89, 335
Gong, G., 113	Parvez, S., 1, 261	Zhao, Y., 375
Guo, S., 61	Patil, K., 159	Zheng, D., 281
Gupta, G., 125, 159	Rajput, H., 159	Zheng, K., 137
Hatware, K.V., 159	Sakthivel, K.M., 247	Zheng, Y., 137
Huang, B., 281	Santhoshkumar, M., 191	Zhong, D., 213
Huang, M., 137	Satija, S., 125	Zhu, H., 291
Jain, S.K., 23	Shao, X., 179	Zhu, X., 235
Jaiswal, A., 317	Shao, Y., 179	
Jaiswal, P., 317	Sharma, S., 159	

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

**SUBJECT INDEX VOLUME 39, 2020**

	<b>Page Range of Issues</b>
<b>Issue 1: 1–99; Issue 2: 101–199; Issue 3: 201–290; Issue 4: 291–384</b>	
7,12-dimethylbenz[a]anthracene, 13	FAPP2, 309
acute lung injury, 291, 335	flavonoid, 61
antibiofilm strategies, 125	gas chromatography-mass spectrometry, 51
anticancer, 299	gastric cancer, 77, 345, 375
anti-inflammatory, 159	global warming, 317
antioxidant, 149, 159	glutamate receptors, 1
anti-oxidants, 89	greenhouse gas, 317
AP-1 signaling, 13	HCC, 179
apoptosis, 77, 113, 137, 179, 191	heavy metals, 149
atherosclerosis, 61	<i>Helicobacter pylori</i> , 77
bacterial infections, 125	hepatic marker enzymes, 13
bacterial vaginosis, 365	hepatocellular carcinoma, 113, 309
benzo(a)pyrene, 137	high fat diet, 61
biochemical pathways, 317	human papillomavirus, 365
biochemical profile, 23	<i>I. turpethum</i> , 51
biofuel, 317	immunomodulation, 137
biomarker, 39	immunotherapy, 357
breast cancer, 51	inflammation, 23, 61, 77, 89, 291, 335, 345, 357
carbon dioxide, 317	ischemia, 159
cell proliferation, 13, 137	kirenol, 345
CEP55, 101	lactobacillus, 365
cervical cancers, 365	lipopolysaccharide, 291
c-fos, 1	long non-coding RNA, 39
CFSE, 51	mangiferin, 357
CO <sub>2</sub> biofixation, 317	medicinal plants, 125
colon cancer, 39	microalgae, 317
colorectal cancer, 101	microbiota, 365
coronary disease, 159	miR-195-5p, 101
DAPI, 51	naringin, 191
diabetes, 23, 89	natural leads, 159
diabetic complication, 89	natural products, 89
diethylnitrosamine, 113	NEAT1, 101
diosmin, 375	NF-κB signaling pathway, 179
drug resistance, 125	NF-κBp65, 357
EGb761, 179	
eriocitrin, 61, 137	
	N-methyl-N-nitrosourea, 345, 375
	nobiletin, 13, 77
	nucleotide excision repair, 191
	open field, 1
	ovalbumin, 357
	oxidative stress, 345, 375
	photoaging, 191
	phycocyanin, 149
	probiotics, 365
	prognosis, 39
	proliferation, 179
	pulmonary inflammation, 335
	quorum sensing inhibition, 125
	reactive oxygen species, 335
	rhinitis, 357
	ROS, 113
	schizophrenia, 1
	sepsis, 291
	sequestration, 317
	sesquiterpene lactones, 299
	signaling pathway, 309
	smoker, 23
	Spirulina, 149
	STAT3, 357
	TCGA database, 39
	tilianin, 335
	tobacco, 23
	tomentosin, 291
	vaginal infection, 365
	vernodaline, 299
	vernolide-A, 299
	Vernonia amygdalina, 299
	vicenin-2, 113
	Wnt/β-catenin, 309

