

Break The **MOLD**

Notes

Abbott, S. "Mycotoxins and Indoor Molds." *Indoor Environment Connections*, 2002; 3(4).

Accardi, R., H. Gruffat, C. Sirand, et al. "The mycotoxin aflatoxin B1 stimulates Epstein-Barr virus-induced B-cell transformation in in vitro and in vivo experimental models." *Carcinogenesis*, 2015 November; 36(11): 1440-51. doi: 10.1093/carcin/bgv142.

Akinrinmade, F. J., A. S. Akinrinde, and A. Amid. "Changes in serum cytokine levels, hepatic and intestinal morphology in aflatoxin B1-induced injury: modulatory roles of melatonin and flavonoid-rich fractions from *Chromola odorata*." *Mycotoxin Research*, 2016 May; 32(2): 53-60. doi: 10.1007/s12550-016-0239-9.

Al-Anati, L., E. Essid, R. Reinehr, and E. Petzinger. "Silibinin protects OTA-mediated TNF-alpha release from perfused rat livers and isolated rat Kupffer cells." *Molecular Nutrition & Food Research*, 2009 April; 53(4): 460-6. doi: 10.1002/mnfr.200800110.

Al-Harbi, N. O., A. Nadeem, M. M. Al-Harbi, et al. "Oxidative airway inflammation leads to systemic and vascular oxidative stress in a murine model of allergic asthma." *International Immunopharmacology*, 2015 May; 26(1): 237-45. doi: 10.1016/j.intimp.2015.03.032.

Andersen, B., J. C. Frisvad, I. Søndergaard, et al. "Associations between fungal species and water-damaged building materials." *Applied and Environmental Microbiology*, 2011 June; 77(12): 4180-8. doi: 10.1128/AEM.02513-10.

Angeli, J. P., G. R. Barcelos, J. M. Serpeloni, et al. "Evaluation of the genotoxic and anti-genotoxic activities of silybin in human hepatoma cells (HepG2)." *Mutagenesis*, 2010 May; 25(3): 223-9. doi: 10.1093/mutage/geb064.

Araújo, A. A., M. G. de Melo, T. K. Rabelo, et al. "Review of the biological properties and toxicity of usnic acid." *Natural Product Research*, 2015; 29(23): 2167-80. doi: 10.1080/14786419.2015.1007455.

Batista, E. M., J. G. Doria, T. H. Ferreira-Vieira, et al. "Orchestrated activation of mGluR5 and CB1 promotes neuroprotection." *Molecular Brain*, 2016 August 20; 9(1): 80. doi: 10.1186/s13041-016-0259-6.

Baxi, S. N., J. M. Portnoy, D. Larenas-Linnemann, and W. Phipatanakul. "Exposure and Health Effects of Fungi on Humans." *The Journal of Allergy and Clinical Immunology: In Practice*, 2016 May-June; 4(3): 396-404. doi: 10.1016/j.jaip.2016.01.008.

Behr, J., B. Degenkolb, T. Beinert, et al. "Pulmonary glutathione levels in acute episodes of Farmer's lung." *American Journal of Respiratory and Critical Care Medicine*, 2000 June; 161(6): 1968-71.

Behrens, M., S. Hüwel, H. J. Galla, and H. U. Humpf. "Blood-Brain Barrier Effects of the *Fusarium* Mycotoxins Deoxynivalenol, 3 Acetyldeoxynivalenol, and Moniliformin and Their Transfer to the Brain." *PLoS One*, 2015 November 23; 10(11): e0143640. doi: 10.1371/journal.pone.0143640.

Ben Salem, I., A. Prola, M. Boussabbeh, et al. "Crocic acid and Quercetin protect HCT116 and HEK293 cells from Zearalenone-induced apoptosis by reducing endoplasmic reticulum stress." *Cell Stress and Chaperones*, 2015 November; 20(6): 927-38. doi: 10.1007/s12192-015-0613-0.

Bharti, V., N. Vasudeva, and S. Kumar. "Anti-oxidant studies and anti-microbial effect of *Origanum vulgare* Linn in combination with standard antibiotics." *Ayu*, 2014 January-March; 35(1): 71-8. doi: 10.4103/0974-8520.141944.

Bloom, E., L. F. Grimsley, C. Pehrson, et al. "Molds and mycotoxins in dust from water-damaged homes in New Orleans after hurricane Katrina." *Indoor Air*, 2009; 19: 153-8. doi: 10.1111/j.1600-0668.2008.00574.x.

- Bloom, E., E. Nyman, A. Must, et al. "Molds and mycotoxins in indoor environments—a survey in water-damaged buildings." *Journal of Occupational and Environmental Hygiene*, 2009 November; 6(11): 671-8. doi: 10.1080/15459620903252053.
- Boeira, S. P., C. B. Filho, L. Del'Fabbro, et al. "Lycopene treatment prevents hematological, reproductive and histopathological damage induced by acute zearalenone administration in male Swiss mice." *Experimental and Toxicologic Pathology*, 2014 July; 66(4): 179-85. doi: 10.1016/j.etp.2014.01.002.
- Borok, Z., R. Buhl, G. J. Grimes, et al. "Effect of glutathione aerosol on oxidant-antioxidant imbalance in idiopathic pulmonary fibrosis." *Lancet*, 1991 July 27; 338(8761): 215-6.
- Brewer, J. H., D. Hooper, and S. Muralidhar. "Intranasal antifungal therapy in patients with chronic illness associated with mold and mycotoxins: an observational analysis." *Global Journal of Medical Research*, 2015; 15(1): 28-33.
- Brewer, J. H., J. D. Thrasher, and D. Hooper. "Chronic illness associated with mold and mycotoxins: Is naso-sinus fungal biofilm a culprit?" *Toxins*, 2013 December 24; 6(1): 66-80. doi: 10.3390/toxins6010066.
- Brewer, J.H., J. D. Thrasher, D. C. Straus, et al. "Detection of mycotoxins in patients with chronic fatigue syndrome." *Toxins*, 2013 April 11; 5(4): 605-17. doi: 10.3390/toxins5040605.
- Brook, I. "Microbiology of chronic rhinosinusitis." *European Journal of Clinical Microbiology & Infectious Diseases*, 2016 July; 35(7): 1059-68. doi: 10.1007/s10096-016-2640-x.
- Cantorna, M., L. Snyder, Y. Lin, and Y. Linlin. "Vitamin D and 1,25(OH)₂D Regulation of T cells." *Nutrients*, 2015 April; 7(4): 3011-3021. doi: 10.3390/nu7043011.
- Cardoso, N., C. Alviano, A. Blank, et al. "Synergism Effect of the Essential Oil from *Ocimum basilicum* var. Maria Bonita and Its Major Components with Fluconazole and Its Influence on Ergosterol Biosynthesis." *Evidence-Based Complementary and Alternative Medicine*, 2016 May 5: 5647182. doi: 10.1155/2016/5647182.
- Chen, J., C. Wang, W. Lan, et al. "Gliotoxin Inhibits Proliferation and Induces Apoptosis in Colorectal Cancer Cells." *Marine Drugs*, 2015 October 2; 13(10):6259-73. doi: 10.3390/md13106259.
- Chen, K. H., T. Gao, J. F. Pan, et al. "[Docosahexaenoic acid inhibits aflatoxin B1-induced migration and invasion in hepatocellular carcinoma cells in vitro.]" *Nan Fang Yi Ke Da Xue Xue Bao*, 2016 June 20; 36(7): 952-6.
- Chung, Y. C., W. H. Shin, J. Y. Baek, et al. "CB2 receptor activation prevents glial-derived neurotoxic mediator production, BBB leakage and peripheral immune cell infiltration and rescues dopamine neurons in the MPTP model of Parkinson's disease." *Experimental & Molecular Medicine*, 2016 January 22; 48(1): e205. doi: 10.1038/emm.2015.100.
- Colombo, M., A. Sangiovanni. "[Hepatocellular carcinoma]." *Recenti Progressi in Medicina*, 2016 July; 107(7): 386-94. doi: 10.1701/2318.24934.
- Crinnion, W. Clean, Green & Lean. Hoboken, NJ: John Wiley & Sons Inc; 2010.
- Curtis, L., A. Lieberman, M. Stark, et al. "Adverse Health Effects of Indoor Molds." *Journal of Nutritional & Environmental Medicine*, 2004 September; 14(3): 261-74. doi: 10.1080/13590840400010318.
- de Carvalho, M. P., H. Weich, and W. R. Abraham. "Macrocyclic trichothecenes as antifungal and anticancer compounds." *Current Medicinal Chemistry*, 2016; 23(1): 23-35.
- Devinsky, O., M. R. Cilio, H. Cross, et al. "Cannabidiol: pharmacology and potential therapeutic role in epilepsy and other neuropsychiatric disorders." *Epilepsia*, 2014 June; 55(6): 791-802. doi: 10.1111/epi.12631.
- Du, K., C. Wang, P. Liu, et al. "Effects of Dietary Mycotoxins on Gut Microbiome." *Protein & Peptide Letters*, 2017 May 10; 24(5): 397-405. doi: 10.2174/0929866524666170223095207.

- El-Bahr, S. M. "Effect of curcumin on hepatic antioxidant enzymes activities and gene expressions in rats intoxicated with aflatoxin B1." *Phytotherapy Research*, 2015 January; 29(1): 134-40. doi: 10.1002/ptr.5239.
- El-Bialy, B. E., E. E. Abdeen, N. B. El-Borai, and E. M. El-Diasty. "Experimental Studies on Some Immunotoxicological Aspects of Aflatoxins Containing Diet and Protective Effect of Bee Pollen Dietary Supplement." *Pakistan Journal of Biological Sciences*, 2016 January; 19(1): 26-35.
- El-Kamary, S. S., M. D. Shardell, M. Abdel-Hamid, et al. "A randomized controlled trial to assess the safety and efficacy of silymarin on symptoms, signs and biomarkers of acute hepatitis." *Phytomedicine*, 2009 May; 16(5): 391-400. doi: 10.1016/j.phymed.2009.02.002.
- El-Soud, N. H., M. Deabes, L. A. El-Kassem, and M. Khalil. "Chemical Composition and Antifungal Activity of *Ocimum basilicum* L. Essential Oil." *Open Access Macedonian Journal of Medical Sciences*, 2015 September 15; 3(3): 374-9. doi: 10.3889/oamjms.2015.082.
- Fernández-Blanco, C., G. Font, and M. J. Ruiz. "Role of quercetin on Caco-2 cells against cytotoxic effects of alternariol and alternariol monomethyl ether." *Food and Chemical Toxicology*, 2016 March; 89: 60-6. doi: 10.1016/j.fct.2016.01.011.
- Fog Nielsen, K. "Mycotoxin production by indoor molds." *Fungal Genetics and Biology*, 2003 July; 39(2): 103-17.
- Friedman, M. "Overview of antibacterial, antitoxin, antiviral, and antifungal activities of tea flavonoids and teas." *Molecular Nutrition & Food Research*, 2007 January; 51(1): 116-34.
- Funk, R. H., and T. K. Monsees. "Effects of electromagnetic fields on cells: physiological and therapeutical approaches and molecular mechanisms of interaction. A review." *Cells Tissues Organs*, 2006; 182(2): 59-78. doi: 10.1159/000093061.
- Gao, S. S., X. Y. Chen, R. Z. Zhu, et al. "Sulforaphane induces glutathione S-transferase isozymes which detoxify aflatoxin B(1)-8,9-epoxide in AML 12 cells." *BioFactors*, 2010 Jul-Aug; 36(4): 289-96. doi: 10.1002/biof.98.
- Gedalia, A., T. A. Khan, A. K. Shetty, et al. "Childhood sarcoidosis: Louisiana experience." *Clinical Rheumatology*, 2016 July; 35(7): 1879-84. doi: 10.1007/s10067-015-2870-9.
- Gholami-Ahangaran, M., N. Rangsz, and S. Azizi. "Evaluation of turmeric (*Curcuma longa*) effect on biochemical and pathological parameters of liver and kidney in chicken aflatoxicosis." *Pharmaceutical Biology*, 2016; 54(5): 780-7. doi: 10.3109/13880209.2015.1080731.
- González, R, I. Ballester, R. López-Posadas, et al. "Effects of flavonoids and other polyphenols on inflammation." *Critical Reviews in Food Science and Nutrition*, 2011 April; 51(4): 331-62. doi: 10.1080/10408390903584094.
- Gots, R. E., N. J. Layton, and S. W. Pirages. "Indoor Health: Background Levels of Fungi." *AIHA Journal*, 2003; 64(4): 427-38. doi: 10.1080/15428110308984836.
- Grant, R., and J. Guest. "Role of Omega-3 PUFAs in Neurobiological Health." *Advances in Neurobiology*, 2016; 12: 247-74. doi: 10.1007/978-3-319-28383-8_13.
- Guibas, G. V., E. Spandou, S. Meditskou, et al. "N-acetylcysteine exerts therapeutic action in a rat model of allergic rhinitis." *International Forum of Allergy & Rhinology*, 2013 July; 3(7): 543-9. doi: 10.1002/alr.21145.
- Guilford, F.T., and J. Hope. "Deficient glutathione in the pathophysiology of mycotoxin-related illness." *Toxins*, 2014 February 10; 6(2): 608-23. doi: 10.3390/toxins6020608.
- Harms, H., B. Orlikova, S. Ji, et al. "Epipolythiodiketopiperazines from the Marine Derived Fungus *Dichotomomyces cejpui* with NF- κ B Inhibitory Potential." *Marine Drugs*, 2015 August 6; 13(8):4949-66. doi: 10.3390/md13084949.
- Hashmi, M., A. Khan, M. Hanif, et al. "Traditional Uses, Phytochemistry, and Pharmacology of *Olea europaea* (Olive)." *Evidence-Based Complementary and Alternative Medicine*, 2015; 2015: 541581. doi: 10.1155/2015/541591.

Hawke, R. L., S. J. Schrieber, T. A. Soule, et al. "Silymarin ascending multiple oral dosing phase I study in noncirrhotic patients with chronic hepatitis C." *The Journal of Clinical Pharmacology*, 2010 April; 50(4): 434-49. doi: 10.1177/0091270009347475.

Herter, I., G. Geginat, H. Hof, and C. Kupfahl. "Modulation of innate and antigen-specific immune functions directed against *Listeria monocytogenes* by fungal toxins in vitro." *Mycotoxin Research*, 2014 May; 30(2): 79-87. doi: 10.1007/s12550-014-0191-5.

Hooper, D. G., V. E. Bolton, F. T. Guilford, and D. C. Straus. "Mycotoxin detection in human samples from patients exposed to environmental molds." *International Journal of Molecular Sciences*, 2009 April 1; 10(4): 1465-75. doi: 10.3390/ijms10041465.

Hope, J. "A review of the mechanism of injury and treatment approaches for illness resulting from exposure to water-damage buildings, mold, and mycotoxins." *ScientificWorldJournal*, 2013 April 18; 2013: 767482. doi: 10.1155/2013/767482.

Hope, J. H., and B. E. Hope. "A review of the diagnosis and treatment of Ochratoxin A inhalation exposure associated with human illness and kidney disease including focal segmental glomerulosclerosis." *Journal of Environmental and Public Health*, 2012; 2012: 835059. doi: 10.1155/2012/835059.

Hubmann, R., M. Hilgarth, S. Schnabl, et al. "Gliotoxin is a potent NOTCH2 transactivation inhibitor and efficiently induces apoptosis in chronic lymphocytic leukaemia (CLL) cells." *British Journal of Haematology*, 2013 March; 160(5): 618-29. doi: 10.1111/bjh.12183.

Hudson, J., M. Kuo, and S. Vimalanathan. "The antimicrobial properties of cedar leaf (*Thuja plicata*) oil; a safe and efficient decontamination agent for buildings." *International Journal of Environmental Research and Public Health*, 2011 December; 8(12): 4477-87. doi: 10.3390/ijerph8124477.

Iossifova, Y. Y., J. M. Cox-Ganser, J. H. Park, et al. "Lack of respiratory improvement following remediation of a water-damaged office building." *American Journal of Industrial Medicine*, 2011 April; 54(4): 269-77. doi: 10.1002/ajim.20910.

Iram, W., T. Anjum, M. Iqbal, et al. "Structural analysis and biological toxicity of Aflatoxins B1 and B2 degradation products following detoxification by *Ocimum basilicum* and *Cassia fistula* aqueous extracts." *Frontiers in Microbiology*, 2016 July 14; 7: 1105. doi: 10.3389/fmicb.2016.01105.

Jarolim, K., G. Del Favero, G. Pahlke, et al. "Activation of the Nrf2-ARE pathway by the *Alternaria alternata* mycotoxins altertoxin I and II." *Archives of Toxicology*, 2016 May 13. doi:10.1007/s00204-016-1726-7.

Jia, Q., H. R. Zhou, M. Bennink, and J. J. Pestka. "Docosahexaenoic acid attenuates mycotoxin-induced immunoglobulin in a nephropathy, interleukin-6 transcription, and mitogen-activated protein kinase phosphorylation in mice." *The Journal of Nutrition*, 2004 December; 134(12): 3343-9.

Jones, G. L., C. G. Lane, E. E. Daniel, and P. M. O'Byrne. "Release of epithelium-derived relaxing factor after ozone inhalation in dogs." *Journal of Applied Physiology*, 1988 September; 65(3): 1238-43.

Karaman, M., H. Ozen, M. Tuzcu, et al. "Pathological, biochemical and haematological investigations on the protective effect of alpha-lipoic acid in experimental aflatoxin toxicosis in chicks." *British Poultry Science*, 2010 February; 51(1): 132-41. doi: 10.1080/00071660903401839.

Kaya, I., N. Yigit, and M. Benli. "Antimicrobial Activity of Various Extracts of *Ocimum Basilicum* L. and Observation of the Inhibition Effect on Bacterial Cells by Use of Scanning Electron Microscopy." *African Journal of Traditional, Complementary and Alternative Medicines*, 2008 June 18; 5(4): 363-369.

Khatoun, A., M. Zargham Khan, A. Khan, et al. "Amelioration of Ochratoxin A-incuded immunotoxic effects by silymarin and Vitamin E in White Leghorn cockerels." *Journal of Immunotoxicology*, 2013 January-March; 10(1): 25-31. doi: 10.3109/1547691X.2012.686533.

- Knudsen, P. B., B. Hanna, S. Ohl, et al. "Chaetoglobosin A preferentially induces apoptosis in chronic lymphocytic leukemia cells by targeting the cytoskeleton." *Leukemia*, 2014 June; 28(6): 1289-98. doi: 10.1038/leu.2013.360.
- Kostek, H., J. Szponar, M. Tchorz, et al. "[Silibinin and its hepatoprotective action from the perspective of a toxicologist.]" *Przegl Lek*, 2012; 69(8): 541-3.
- Kószegi, T., and M. Poór. "Ochratoxin A: Molecular Interactions, Mechanisms of Toxicity and Prevention at the Molecular Level." *Toxins*, 2016 April 15; 8(4): 111. doi: 10.3390/toxins8040111.
- Kumari, I., M. Ahmed, and Y. Akhter. "Multifaceted impact of trichothecene metabolites on plant-microbe interactions and human health." *Applied Microbiology and Biotechnology*, 2016 July; 100(13): 5759-71. doi: 10.1007/s00253-016-7599-0.
- Kupfahl, C., G. Geginat, and H. Hof. "Gliotoxin-mediated suppression of innate and adaptive immune functions directed against *Listeria monocytogenes*." *Medical Mycology*, 2006 November; 44(7): 591-9.
- Kupski, L., M. Freitas, D. Ribeiro, et al. "Ochratoxin A activates neutrophils and kills these cells through necrosis, an effect eliminated through its conversion into ochratoxin α ." *Toxicology*, 2016 August 10; 368-369: 91-102. doi: 10.1016/j.tox.2016.09.001.
- Lai, F. N., J. Y. Ma, J. C. Liu, et al. "The influence of N-acetyl-l-cysteine on damage of porcine oocyte exposed to zearalenone in vitro." *Toxicology and Applied Pharmacology*, 2015 December 1; 289(2): 341-8. doi: 10.1016/j.taap.2015.09.010.
- Li, B., Y. Gao, G.O. Rankin, et al. "Chaetoglobosin K induces apoptosis and G2 cell cycle arrest through p53-dependent pathway in cisplatin-resistant ovarian cancer cells." *Cancer Letters*, 2015 January 28; 356(2 Pt B): 418-33. doi: 10.1016/j.canlet.2014.09.023.
- Li, Y., Q. G. Ma, L. H. Zhao, et al. "Effects of lipoic acid on immune function, the antioxidant defense system, and inflammation-related genes expression of broiler chickens fed aflatoxin contaminated diets." *International Journal of Molecular Sciences*, 2014 April 2; 15(4): 5649-62. doi: 10.3390/ijms15045649.
- Liang, N., F. Wang., X. Peng., et al. "Effect of Sodium Selenite on Pathological Changes and Renal Functions in Broilers Fed a Diet Containing Aflatoxin B₁." *International Journal of Environmental Research and Public Health*, 2015 September 9; 12(9): 11196-208. doi: 10.3390/ijerph120911196.
- Liu, L. T., G. J. Zheng, W. G. Zhang, et al. "[Clinical study on treatment of carotid atherosclerosis with extraction of polygon cuspidate rhizome et radix and crataegi fructus: a randomized controlled trial.]" *Zhonggou Zhong Yao Za Zhi*, 2014 March; 39(6): 1115-9.
- Lou, H., B. Li, Z. Li, et al. "Chaetoglobosin K inhibits tumor angiogenesis through down regulation of vascular epithelial growth factor-binding hypoxia-inducible factor 1 α ." *Anticancer Drugs*, 2013 August; 24(7): 715-24. doi: 10.1097/CAD.0b013e3283627a0b.
- Ma, Q., Y. Li, Y. Fan, et al. "Molecular Mechanisms of Lipoic Acid Protection against Aflatoxin B₁-Induced Liver Oxidative Damage and Inflammatory Responses in Broilers." *Toxins*, 2015 December 14; 7(12): 5435-47. doi: 10.3390/toxins7124879.
- Malir, F., V. Ostry, A. Pfohl-Leszkowicz, et al. "Ochratoxin A: 50 Years of Research." *Toxins*, 2016 July 4; 8(7). pii: E191. doi: 10.3390/toxins8070191.
- Marchese, A., I. E. Orhan, M. Daglia, et al. "Antibacterial and antifungal activities of thymol: A brief review of the literature." *Food Chemistry*, 2016 November 1; 210: 402-14. doi: 10.1016/j.foodchem.2016.04.111.
- Maresca, M., R. Mahfoud, N. Garmy, and J. Fantini. "The mycotoxin deoxynivalenol affects nutrient absorption in human intestinal epithelial cells." *The Journal of Nutrition*, 2002 September; 132(9): 2723-31.

- Mary, V. S., A. Valdehita, J. M Navas, et al. "Effects of aflatoxin B₁, fumonisin B₁ and their mixture on the aryl hydrocarbon receptor and cytochrome P450 1A induction." *Food and Chemical Toxicology*, 2015 January; 75: 104-11. doi: 10.1016/j.fct.2014.10.030.
- Masoko, P., and D. M. Makgapeetja. "Antibacterial, antifungal and antioxidant activity of *Olea africana* against pathogenic yeast and nosocomial pathogens." *BMC Complementary Alternative Medicine*, 2015 November 17; 15: 409. doi: 10.1186/s12906-015-0941-8.
- Matters, G. L., J. F. Harms, C. McGovern, et al. "The opioid antagonist naltrexone improves murine inflammatory bowel disease." *Journal of Immunotoxicology*, 2008 April; 5(2): 179-87. doi: 10.1080/15476910802131469.
- Mayurasakorn, K., Z. V. Niatsets kaya, S. A. Sosunov, et al. "DHA but Not EPA Emulsions Preserve Neurological and Mitochondrial Function after Brain Hypoxia-Ischemia in Neonatal Mice." *PLoS One*, 2016 August 11; 11(8): e0160870. doi: 10.1371/journal.pone.0160870.
- Meki, A. R., S. K. Abdel-Ghaffar, and I. El-Gibaly. "Aflatoxin B₁ induces apoptosis in rat liver: protective effect of melatonin." *Neuro Endocrinology Letters*, 2001 December; 22(6): 417-26.
- Meki, A. R., and A. A. Hussein. "Melatonin reduces oxidative stress induced by ochratoxin A in rat liver and kidney." *Comparative Biochemistry and Physiology Part C: Toxicology & Pharmacology*, 2001 November; 130(3): 305-13.
- Mikaali, P., S. Maadirad, M. Moloudizargari, et al. "Therapeutic Uses and Pharmacological Properties of Garlic, Shallot, and Their Biologically Active Compounds." *Iranian Journal of Basic Medical Sciences*, 2013 October; 16(10): 1031-1048.
- Mitropoulou, G., E. Fitsiou, E. Stavropoulou, et al. "Composition, antimicrobial, antioxidant, and anti proliferative activity of *Origanum dictamnus* (dittany) essential oil." *Microbial Ecology in Health and Disease*, 2015; 26: 10.3402/mehd.v26.26543. Published online 2015 May 6. doi: 10.3402/mehd.v26.26543.
- Mohammadpour, H., E. Moghimipour, I. Rasooli, et al. "Chemical Composition and Antifungal Activity of *Cuminum cyminum* L. Essential Oil From Alborz Mountain Against *Aspergillus* species." *Jundishapur Journal of Natural Pharmaceutical Products*, 2012 Spring; 7(2): 50-5.
- Morimitsu, Y., Y. Nakagawa, K. Hayashi, et al. "A sulforaphane analogue that potently activates the Nrf2-dependent detoxification pathway." *Journal of Biological Chemistry*, 2002 February 1; 277(5): 3456-63. doi: 10.1074/jbc.M110244200.
- Muminov, A. I., and N. Zh. Khushvakova. "[Ozone therapy in patients with chronic purulent frontal sinusitis]." *Vestn Otorinolaringol*, 2002; (6): 46.
- Nagata, K., K. I. Hirai, J. Koyama, et al. "Antimicrobial Activity of Novel Furanonaphthoquinone Analogs." *Antimicrobial Agents and Chemotherapy*, 1998 March; 42(3): 700-2.
- Ninković, J., and S. Roy. "Role of the mu opioid receptor in opioid modulation of immune function." *Amino Acids*, 2013 July; 45(1): 9-24. doi: 10.1007/s00726-011-1163-0.
- Nithyanand, P., R. M. Beema Shafreen, S. Muthamil, and S. Karutha Pandian. "Usnic acid, a lichen secondary metabolite inhibits Group A *Streptococcus* biofilms." *Antonie Van Leeuwenhoek*, 2015 January; 107(1): 263-72. doi: 10.1007/s10482-014-0324-z.
- Nithyanand, P., R. M. Beema Shafreen, S. Muthamil, and S. Karutha Pandian. "Usnic acid inhibits biofilm formation and virulent morphological traits of *Candida albicans*." *Microbiological Research*, 2015 October; 179: 20-8. doi: 10.1016/j.micres.2015.06.009.
- Ohtsubo, K., M. Saito, S. Sekita, et al. "Acute toxic effects of chaetoglobosin A, a new cytochalasan compound produced by *Chaetomium globosum*, on mice and rats." *Japanese Journal of Experimental Medicine*, 1978 April; 48(2): 105-10.

- Pahlke, G., C. Tiessen, K. Domnanich, et al. "Impact of *Alternaria* toxins on CYP1A1 expression in different human tumor cells and relevance for genotoxicity." *Toxicology Letters*, 2016 January 5; 240(1): 93-104. doi: 10.1016/j.toxlet.2015.10.003.
- Paraschiv, B., A. C. Sellier, C. Diaconu, and R. Bernard. "Sarcoidosis and Aspergillosis: case presentation." *Pneumologia*, 2015 Jul-Sep; 64(3): 50-4.
- Patel, K. R., C. Andreadi, R. G. Britton, et al. "Sulfate metabolites provide an intracellular pool for resveratrol generation and induce autophagy with senescence." *Science Translational Medicine*, 2013 October 2; 5(205): 205ra133. doi: 10.1126/scitranslmed.3005870.
- Patwardhan, J., and P. Bhatt. "Flavonoids Derived from *Abelmoschus esculentus* Attenuates UV-B Induced Cell Damage in Human Dermal Fibroblasts Through Nrf2-ARE Pathway." *Pharmacognosy Magazine*, 2016 May; 12(Suppl 2): S129-38. doi: 10.4103/0973-1296.182175.
- Pereira, E. M., T. de B. Machado, I. C. R. Leal, et al. "Tabebuia avellanedae naphthoquinones: activity against methicillin-resistant staphylococcal strains, cytotoxic activity and in vivo dermal irritability analysis." *Annals of Clinical Microbiology and Antimicrobials*, 2006; 5: 5. doi: 10.1186/1476-0711-5-5.
- Periasamy, R., I. G. Kalal, R. Krishnaswamy, and V. Viswanadha. "Quercetin protects human peripheral blood mononuclear cells from OTA-induced oxidative stress, genotoxicity, and inflammation." *Environmental Toxicology*, 2016 July; 31(7): 855-65. doi: 10.1002/tox.22096.
- Petrov, G. M., B. P. Kudriavtsev, and I. I. Akulich. "[The efficacy of using ozone preparations in the combined treatment of paranasal sinusitis]." *Voen Med Zh*, 1996 December; 317(12): 26-8, 80.
- Pitkäranta, M., T. Meklin, A. Hyvärinen, et al. "Molecular profiling of fungal communities in moisture damaged buildings before and after remediation—a comparison of culture-dependent and culture-independent methods." *BMC Microbiology*, 2011 October 21; 11: 235.
- Pizzorno, J. "Is Mold Toxicity Really a Problem for Our Patients? Part I-Respiratory Conditions." *Integrative Medicine: A Clinician's Journal (Encinitas)*, 2016 April; 15(2): 6-10.
- Poursky, J. "The treatment of pulmonary diseases and respiratory-related conditions with inhaled (nebulized or aerosolized) glutathione." *Evidence-based Complementary and Alternative Medicine*, 2008 March; 5(1): 27-35. doi: 10.1093/ecam/nem040.
- Raghubeer, S., S. Nagiah, A. Phulukdaree, and A. Chuturgoon. "The phytoalexin resveratrol ameliorates Ochratoxin A toxicity in human embryonic kidney (HEK293) cells." *Journal of Cellular Biochemistry*, 2015 December; 116(12): 2947-55. doi: 10.1002/jcb.25242.
- Ramyaa, P., R. Krishnaswamy, and V. V. Padma. "Quercetin modulates OTA-induced oxidative stress and redox signalling in HepG2 cells - up regulation of Nrf2 expression and down regulation of NF-κB and COX-2." *Biochimica et Biophysica Acta*, 2014 January; 1840(1): 681-92. doi: 10.1016/j.bbagen.2013.10.024.
- Rasooli, L., M. H. Fakoor, D. Yadegarinia, et al. "Antimycotoxigenic characteristics of *Rosmarinus officinalis* and *Trachyspermum copticum* L. essential oils." *International Journal of Food Microbiology*, 2008 February 29; 122(1-2): 135-9. doi: 10.1016/j.ijfoodmicro.2007.11.048.
- Reasor, M. J., G. K. Adams III, J. K. Brooks, and R. J. Rubin. "Enrichment of albumin in IgG in the airway secretions of dogs breathing ozone." *Journal of Environmental Science and Health, Part C*, 1979; 13(4): 335-46.
- Reeves, E.P., T. Murphy, P. Daly, and K. Kavanagh. "Amphotericin B enhances the synthesis and release of the immunosuppressive agent gliotoxin from the pulmonary pathogen *Aspergillus fumigatus*." *Journal of Medical Microbiology*, 2004 August; 53(Pt 8): 719-25. doi: 10.1099/jmm.0.45626-0.
- Rip, J., L. Chen, R. Hartman, et al. "Glutathione PEGylated liposomes: pharmacokinetics and delivery of cargo across the blood-brain barrier in rats." *Journal of Drug Targeting*, 2014 June; 22(5): 460-7. doi: 10.3109/1061186X.2014.888070.

- Rogawansamy, S., S. Gaskin, M. Taylor, and D. Pisaniello. "An Evaluation of Antifungal Agents for the Treatment of Fungal Contamination in Indoor Air Environments." *International Journal of Environmental Research and Public Health*, 2015 June; 12(6): 6319-6332. doi: 10.3390/ijerph120606319.
- Saad-Hussein, A., E. M. Shahy, W. Shaheen, et al. "Comparative Hepatotoxicity of Aflatoxin B1 among Workers Exposed to Different Organic Dust with Emphasis on Polymorphism Role of Glutathione S-Transferase Gene." *Open Access Macedonian Journal of Medical Sciences*, 2016 June 15; 4(2): 312-8. doi: 10.3889/oamjms.2016.051.
- Schäfer, G., and C. Kaschula. "The Immunomodulation and Anti-Inflammatory Effects of Garlic Organosulfur Compounds in Cancer Chemoprevention." *Anti-Cancer Agents Medicinal Chemistry*, 2014 February; 14(2): 233-240. doi: 10.2174/18715206113136660370.
- Scharf, D.M., P. Chankhamjon, K. Scherlach, et al. "Epidithiodiketopiperazine biosynthesis: a four-enzyme cascade converts glutathione conjugates into transannular disulfide bridges." *Angewandte Chemie International Edition English*, 2013 October 11; 52(42): 11092-5. doi: 10.1002/anie.201305059.
- Segvić Klarić, M., I. Kosalec, J. Mastelić, et al. "Antifungal activity of thyme (*Thymus vulgaris* L.) essential oil and thymol against moulds from damp dwellings." *Letters in Applied Microbiology*, 2007 January; 44(1): 36-42.
- Sen, B., and A. Asan. "Fungal flora in indoor and outdoor air of different residential houses in Tekirdag City (Turkey): seasonal distribution and relationship with climatic factors." *Environmental Monitoring and Assessment*, 2009 April; 151(1-4): 209-19. doi: 10.1007/s10661-008-0262-1.
- Sharifzadeh, A., and H. Shokri. "Antifungal activity of essential oils from Iranian plants against fluconazole-resistant and fluconazole-susceptible *Candida albicans*." *Avicenna Journal of Phytomedicine*, 2016 March-April; 6(2): 215-22.
- Shi, D., S. Liao, S. Guo, et al. "Protective effects of selenium on aflatoxin B1-induced mitochondrial permeability transition, DNA damage, and histological alterations in duckling liver." *Biological Trace Element Research*, 2015 February; 163(1-2): 162-8. doi: 10.1007/s12011-014-0189-z.
- Shimono, J., Y. Tsutsumi, and H. Ohigashi. "[Acute renal tubular damage caused by disseminated *Trichosporon* infection in primary myelofibrosis]. *Rinsho Ketsueki*, 2015 January; 56(1): 21-4. doi: 10.11406/rinketsu.56.21.
- Singhal, D., A. J. Psaltis, A. Foreman, and P. J. Wormald. "The impact of biofilms on outcomes after endoscopic sinus surgery." *American Journal of Rhinology and Allergy*, 2010 May-June; 24(3): 169-74. doi: 10.2500/ajra.2010.24.3462.
- Smith, J., D. Field, S. Bingaman, et al. "Safety and Tolerability of Low Dose Naltrexone Therapy in Children with Moderate to Severe Crohn's Disease: A Pilot Study." *Journal of Clinical Gastroenterology*, 2013 April; 47(4): 339-345. doi: 10.1097/MCG.0b013e3182702f2b.
- Soltan-Sharifi, M. S., M. Mojtahedzadeh, A. Najafi, et al. "Improvement by N-acetylcysteine of acute respiratory distress syndrome through increasing intracellular glutathione, and extracellular thiol molecules and anti-oxidant power: evidence for underlying toxicological mechanisms." *Human & Experimental Toxicology*, 2007 September; 26(9): 697-703.
- Souza, M. A., S. Johann, L. A. R. Lima, et al. "The antimicrobial activity of lapachol and its thiosemicarbazone and semicarbazone derivatives." *Memórias do Instituto Oswaldo Cruz*, 2013 May; 108(3): 342-351. doi: 10.1590/S0074-02762013000300013.
- Stanley, W. C., R. J. Khairallah, and E. R. Dabkowski. "Update on lipids and mitochondrial function: impact of dietary n-3 polyunsaturated fatty acids." *Current Opinion in Clinical Nutrition and Metabolic Care*, 2012 March; 15(2): 122-6. doi: 10.1097/MCO.0b013e32834fdaf7.
- Su, Z. Q., Z. Z. Mo, J. B. Liao, et al. "Usnic acid protects LPS-induced acute lung injury in mice through attenuating inflammatory responses and oxidative stress." *International Immunopharmacology*, 2014 October; 22(2): 371-8. doi: 10.1016/j.intimp.2014.06.043.

- Sun, Y., K. Takada, Y. Takemoto, et al. "Gliotoxin analogues from a marine-derived fungus, *Penicillium* sp., and their cytotoxic and histone methyltransferase inhibitory activities." *Journal of Natural Products*, 2012 January 27; 75(1): 111-4. doi: 10.1021/np200740e.
- Sung, S. A., G.J. Ko, J. Y. Kim, et al. "Desquamative interstitial pneumonia associated with concurrent cytomegalovirus and *Aspergillus* pneumonia in renal transplant recipient." *Nephrology Dialysis Transplantation*, 2005 March; 20(3): 635-8.
- Sutken, E., E. Aral, F. Ozdemir, et al. "Protective role of melatonin and coenzyme Q10 in ochratoxin A toxicity in rat liver and kidney." *International Journal of Toxicology*, 2007 Jan-Feb; 26(1): 81-7.
- Täubel, M., M. Sulyok, V. Vishwanath, et al. "Co-occurrence of toxic bacterial and fungal secondary metabolites in moisture-damaged indoor environments." *Indoor Air*, 2011 October; 21(5): 368-75. doi: 10.1111/j.1600-0668.2011.00721.x.
- Thrasher, J.D., and S. Crawley. "The biocontaminants and complexity of damp indoor spaces: more than what meets the eyes." *Toxicology and Industrial Health*, 2009 Oct-Nov; 25(9-10): 583-615. doi: 10.1177/0748233709348386.
- Tuli, H. S., S. S. Sandhu, and A. K. Sharma. "Pharmacological and therapeutic potential of *Cordyceps* with special reference to *Cordycepin*." *Biotech*, 2014 February; 4(1): 1-12. doi: 10.1007/s13205-013-0121-9.
- Tuuminen, T., and K. S. Rinne. "Severe Sequelae to Mold-Related Illness as Demonstrated in Two Finnish Cohorts." *Frontiers in Immunology*, 2017 April 3; 8: 382. doi: 10.3389/fimmu.2017.00382.
- Vojdani, A., A. W. Campbell, A. Kashanian, and E. Vojdani. "Antibodies against molds and mycotoxins following exposure to toxigenic fungi in water-damaged building." *Archives of Environmental Health*, 2003 June; 58(6): 324-36.
- Wagner, J. G., S. J. Van Dyken, J. R. Wierenga, et al. "Ozone exposure enhances endotoxin-induced mucous cell metaplasia in rat pulmonary airways." *Toxicological Sciences*, 2003 August; 74(2): 437-46.
- Wang, L., P. Qiu, X. F. Long, et al. "Comparative analysis of chemical constituents, antimicrobial and antioxidant activities of ethylacetate extracts of *Polygonum cuspidatum* and its endophytic actinomycete, *Streptomyces* sp. A0916." *Chinese Journal of Natural Medicines*, 2016 February; 14(2): 117-123. doi: 10.1016/S1875-5364(16)60004-3.
- Wei, R., and S. Christakos. "Mechanisms Underlying the Regulation of Innate and Adaptive Immunity by Vitamin D." *Nutrients*, 2015 October; 7(10): 8251-8260. doi: 10.3390/nu7105392.
- Yang, Q., L. Shi, K. Huang, and W. Xu. "Protective effect of N-acetylcysteine against DNA damage and S-phase arrest induced by ochratoxin A in human embryonic kidney cells (HEK-293)." *Food and Chemical Toxicology*, 2014 August; 70: 40-7. doi: 10.1016/j.fct.2014.04.039.
- Yin, S., Y. Zhang, R. Gao, et al. "The immunomodulatory effects induced by dietary Zearalenone in pregnant rats." *Immunopharmacology and Immunotoxicology*, 2014 June; 36(3): 187-94. doi: 10.3109/08923973.2014.909847.
- Yoshinari, T., A. Yaguchi, N. Takahashi-Ando, et al. "Spiroethers of German chamomile inhibit production of aflatoxin G and trichothecene mycotoxin by inhibiting cytochrome P450 monooxygenases involved in their biosynthesis." *FEMS Microbiology Letters*, 2008 July; 284(2): 184-90. doi: 10.1111/j.1574-6968.2008.01195.x.
- Zhang, N. Y., M. Qi, L. Zhao, et al. "Curcumin Prevents Aflatoxin B₁ Hepatotoxicity by Inhibition of Cytochrome P450 Isozymes in Chick Liver." *Toxins*, 2016 November 10; 8(11).
- Zhang, X., B. Sahlberg, G. Wieslander, et al. "Dampness and moulds in workplace buildings: associations with incidence and remission of sick building syndrome (SBS) and biomarkers of inflammation in a 10 year follow-up study." *Science of Total Environment*, 2012 July 15; 430: 75-81.