

Peer Reviewed Journal Papers (Reverse date order)

- Shoemaker, R.C., Johnson, K., Lysander, J., Berry, Y., Dooley, M., Ryan, J. & McMahon, S. (2018). Diagnostic process for chronic inflammatory response syndrome (CIRS): A consensus statement report of the consensus committee of surviving mold. *Internal medicine review*, (6)5 May 2018. [Full text](#).
- Shoemaker, R.C., Heyman, A., Mancina, A. & Ryan, J.C. (2017). Inflammation Induced Chronic Fatiguing Illnesses: A steady march towards understanding mechanisms and identifying new biomarkers and therapies. *Internal medicine review*, (3)10. doi: [10.18103/imr.v3i10.585](https://doi.org/10.18103/imr.v3i10.585) | [Full text](#)
- McMahon, S, Kundomal, K. & Yangalasetty, S. (2017). Pediatrics Norms for Visual Contrast Sensitivity Using an APT VCS Tester. *Medical research archives*, 5(5) May 2017. doi: [10.18103/mra.v5i5.1295](https://doi.org/10.18103/mra.v5i5.1295) | [Full text](#).
- McMahon, S. (2017). An Evaluation of Alternate Means to Diagnose Chronic Inflammatory Response Syndrome and Determine Prevalence. *Medical research archives*, 5(3), March 2017. doi: [10.18103/mra.v5i3.1125](https://doi.org/10.18103/mra.v5i3.1125) | [Full text](#)
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- McMahon, S.W., Shoemaker, R.C. & Ryan, J.C. (2016). Reduction in forebrain parenchymal and cortical grey matter swelling across treatment groups in patients with inflammatory illness acquired following exposure to water-damaged buildings. *Journal of neuroscience and clinical research*, 2016, 1(1). doi: [10.4172/jnscr.1000102](https://doi.org/10.4172/jnscr.1000102) | [Full text](#)
- Bredesen D.E. (2016). Inhalational Alzheimer's disease: an unrecognized - and treatable - epidemic. *Aging*, 8(2), 304-13. doi: [10.18632/aging.100896](https://doi.org/10.18632/aging.100896) | PMID [26870879](https://pubmed.ncbi.nlm.nih.gov/26870879/)

- Ryan, J.C., Wu, Q., & Shoemaker, R.C. (2015). Transcriptomic signatures in whole blood of patients who acquire a chronic inflammatory response syndrome (CIRS) following an exposure to the marine toxin ciguatoxin. *BMC med genomics*, 2015, (8)15. doi: [10.1186/s12920-015-0089-x](https://doi.org/10.1186/s12920-015-0089-x) | PMID [25889530](https://pubmed.ncbi.nlm.nih.gov/25889530/)
- Shoemaker, R.C., House, D.E., & Ryan, J.C. (2014). Structural brain abnormalities in patients with inflammatory illness acquired following exposure to water-damaged buildings: A volumetric MRI study using NeuroQuant. *Neurotoxicology and teratology*, 45, 18-26. doi: [10.1016/j.ntt.2014.06.004](https://doi.org/10.1016/j.ntt.2014.06.004) | PMID [24946038](https://pubmed.ncbi.nlm.nih.gov/24946038/) | [Full text](#)
- Shoemaker, R.C., House, D.E., & Ryan, J.C. (2013). Vasoactive intestinal polypeptide (VIP) corrects chronic inflammatory response syndrome (CIRS) acquired following exposure to water-damaged buildings. *Health*, 5(3) 2013, 396-401. doi: [10.4236/health.2013.53053](https://doi.org/10.4236/health.2013.53053)
- Shoemaker, R.C., House, D.E., & Ryan, J.C. (2010). Defining the neurotoxin derived illness chronic ciguatera using markers of chronic systemic inflammatory disturbances: a case/control study. *Neurotoxicology and teratology*, 32(6), 633-9. doi: [10.1016/j.ntt.2010.05.007](https://doi.org/10.1016/j.ntt.2010.05.007) | PMID [20685390](https://pubmed.ncbi.nlm.nih.gov/20685390/) | [Full text](#)
- Shoemaker, R.C., Giclas, P, Crowder, C, House, D.E., & Glovsky, M. (2008). Complement split products C3a and C4a are early markers of acute lyme disease in tick bite patients in the United States. *International archives of allergy and immunology*, 146(3), 255-61. doi: [10.1159/000116362](https://doi.org/10.1159/000116362) | PMID [18270493](https://pubmed.ncbi.nlm.nih.gov/18270493/) | [Full text](#)
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- Shoemaker, R., McMahon, S., Ryan, J., Ackerley, M., DiTulio, M., Berndtson, B., Heyman, A. & Jaffe, R. (2015). Correlation of volumetric brain imaging with Western blot testing for Lyme Disease. Poster session. *NorVect conference, 2015*. [Summary](#)
- Shoemaker, R.C. & Maizel, M. (2008). Innate immunity, MR spectroscopy, HLA DR, TGF beta-1, VIP and capillary hypoperfusion define acute and chronic human illness acquired following exposure to water-damaged buildings. *International healthy buildings*. [Full text](#)
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Books and Newsletters

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- Shoemaker, R.C. & Maziel, M.S. (2009). Exposure to interior environments of water-damaged buildings causes a CFS-like illness in pediatric patients: a case/control study. *Bulletin of the IACFS/ME* 2009, 17(2). [Full text](#)
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Patents

- Shoemaker, R., & Ryan, J. (2014). US Patent No. 20,140,046,143 A. Washington, DC: U.S. Patent and Trademark Office. [Google patents](#)
- Shoemaker, R., & Hudnell, H. (2003). Us Patent No. 20,030,219,400 A1. Washington, DC: U.S. Patent and Trademark Office. [Google patents](#)

Complete Works

- Visit [Surviving Mold](#) for the complete library of scientific papers authored or co-authored by Dr. Ritchie Shoemaker.

General (Thrasher, Hope et al)

- Campbell, A.W., Thrasher, J.D., Gray, M.R. & Vojandi, A. (2004). Mold and Mycotoxins: Effects on the Neurological and Immune Systems in Humans. *Advances in applied microbiology*, 55, 375-406. PMID [15350803](#), [Full text](#)
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- Hope, J. (2013). A Review of the mechanism of injury and treatment approaches for illness resulting from exposure to water damaged buildings, mold, and mycotoxins. *The scientific world journal*, 2013. [Full text](#)
- Hooper, D., Bolton, V., Guilford, F. & Straus, D. (2009). Mycotoxin detection in human samples from patients exposed to environmental molds. *International journal of molecular sciences*, 10(4), 1465–75. doi: [10.3390/ijms10041465](#) PMID [19468319](#)
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Brewer

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Allergy

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Lyme (HLA DR4/4-3-53)

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Allergy

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Biomarkers

C3aC4aLeptinMARCoNSMSHMMP-9NeuroQuantTGF-b1VCSVEGFVIP

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