

HABs, BEACH CLOSURES and HEALTH ADVISORIES, FEBRUARY 2017



[Oregon](#) : South Umpqua River - Permanent Advisory

RECENTLY PUBLISHED ARTICLES

[Eutrophication and Warming Boost Cyanobacterial Biomass and Microcystins](#)

Lürling M, van Oosterhout F, Faassen E. *Toxins*. 2017; 9(2):64.

[Occurrence and State Approaches for Addressing Cyanotoxins in US Drinking Water](#)

Tarrah, H., Plummer, S., and Roberson, A. Journal of American Water Works Association. February 2017. No. 109:2. Pages 40-47.

[Spatial and temporal variation in microcystins occurrence in wadeable streams in the southeastern USA](#)

Keith A. Loftin, Jimmy M. Clark, Celeste A. Journey, Dana W. Kolpin, Peter C. Van Metre, and Paul M. Brad Environmental Toxicology and Chemistry. February, 2016; Pages 1–7.

[Pulmonary and hepatic injury after sub-chronic exposure to sublethal doses of microcystin-LR](#)

Giovanna Marcella Cavalcante Carvalho, Vinicius Rosa Oliveira, Natália Vasconcelos Casquilho, Andressa Cristine Pereira Araujo, Raquel Moraes Soares, Sandra Maria F.O. Azevedo, Karla Maria Pereira Pires, Samuel Santos Valença, Walter Araujo Zin, *Toxicon*, Volume 112, 15 March 2016, Pages 51-58.

[Engineering *Escherichia coli* to bind to cyanobacteria](#)

Zijian Zhang, Liuyi Meng, Congjian Ni, Lanqiu Yao, Fengyu Zhang, Yuji Jin, Xuelang Mu, Shiyu Zhu, Xiaoyu Lu, Shiyu Liu, Congyu Yu, Chenggong Wang, Pu Zheng, Jie Wu, Li Kang, Haoqian M. Zhang, Qi Ouyang. *Journal of Bioscience and Bioengineering*, Volume 123, Issue 3, March 2017, Pages 347-352.

[Characteristics of water obtained by dewatering cyanobacteria-containing sludge formed during drinking water treatment, including C-, N-disinfection byproduct formation](#)

Hangzhou Xu, Haiyan Pei, Yan Jin, Hongdi Xiao, Chunxia Ma, Jiongming Sun, Hongmin Li. *Water Research*, Volume 111, 15 March 2017, Pages 382-392.

[Carotenoid glycosides from cyanobacteria are teratogenic in the zebrafish \(*Danio rerio*\) embryo model](#)

Asha Jaja-Chimedza, Kristel Sanchez, Miroslav Gantar, Patrick Gibbs, Michael Schmale, John P. Berry. *Chemosphere*, Volume 174, May 2017, Pages 478-489.

[Advanced oxidation processes to remove cyanotoxins in water](#)

Saad Y. Jasim, Jayaprakash Saththasivam, *Desalination*, Volume 406, 16 March 2017, Pages 83-87.

Useful Resources

- ✓ [Great Lakes HABs Collaboratory](#)
- ✓ [9th Biennial State of Lake Michigan/ 15th Annual Great Lakes Beach Association Joint Conference Slides](#)
- ✓ [Climate Change Indicators in the US Report](#)
- ✓ [NCCOS Phytoplankton Monitoring Network](#)
- ✓ [EPA Tools and Resources Webinar: HABs](#)

Toxins Journal Topical Collection

["Freshwater HABs and Health in a Changing World"](#)

Manuscripts on cyanobacterial exposure assessment; health outcomes; outbreak investigations; wild and domestic animal poisonings; toxicology of cyanobacterial toxins in animals and humans, production of toxins in the environment, absorption, distribution, and elimination of toxins in animals and humans, and the control of toxins in the built and natural environment, are invited. Go to www.mdpi.com and register to login and to submit a manuscript.



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