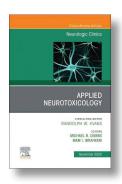
News at a Glance

December 2020

Recent Publications

Hahn EJ, Wilmhoff C, Rayens MK, Conley NB, Morris E, Larck A, Allen T, Pinney **SM**. High school students as citizen scientists to decrease radon exposure. IJERPH [International Journal of Environmental Research and Public Health]. Special issue: Community-based approaches for reducing health inequities. Online 2020 Dec. https://www.mdpi.com/1660-4601/17/24/9178

Venkatraman S, **Meller J,** Hongeng S, Tohtong R, Chutipongtanate S. Transcriptional Regulation of Cancer Immune Checkpoints: Emerging Strategies for Immunotherapy. Vaccines (Basel). 2020 Dec 4;8(4):E735. doi: 10.3390/vaccines8040735. PMID: 33291616.



Book Chapter: Martin KV, Edmondson D, Cecil KM, Bezi C, Vance ML, McBride D, Haynes EN. Manganese exposure and neurologic outcomes in adult populations. In: Applied Neurotoxicology; Vol 38-4. Randolph W. Evans, Consulting Editor. Michael R. Dobbs, Mam Ibraheem, Eds. Philadephia, PA: Elsevier, 2020 Nov. ISSN 0733-8619, ISBN 13-978-0-323-71291-0

Zhu T, **Zhang X**, Chen X, Brown AP, Weirauch MT, Guilbert TW, Khurana Hershey GK, Biagini JM, Ji H. Nasal DNA

methylation differentiates severe from nonsevere asthma in African American children. Allergy. 2020 Nov 11. PMID: 33175399.

Sun C, Limbach PA, Addepalli B. Characterization of UVA-induced alter-ations to transfer RNA sequences. Biomolecules. 2020 Nov 8;10(11):E1527. doi: 10.3390/biom10111527. PMID: 33171700. Co-author Balasubrahmanyan Addepalli, PhD, in the UC Department of Chemistry, received a 2019 New to EHS Pilot award from the CEG for his study, "UVR-induced tRNA modifications in melanoma: Role in tumor progression and metastasis?"

Romano ME, Gallagher LG, Eliot MN, Calafat AM, Chen A, Yolton K, Lanphear B, Braun JM. Per- and polyfluoroalkyl substance mixtures and gestational weight gain among mothers in the Health Outcomes and Measures of the Environment study. Int J Hyg Environ Health. 2020 Nov 9;231:113660. doi: 10.1016/j.ijheh.2020.113660. PMID: 33181449.

Braun JM, Eliot M, Papandonatos GD, Buckley JP, Cecil KM, Kalkwarf HJ, Chen A, Eaton CB, Kelsey K, Lanphear BP, Yolton K. Gestational perfluoroalkyl substance exposure and body mass index trajectories over the first 12 years of life. Int J Obes (Lond). 2020 Nov 18. doi: 10.1038/s41366-020-

00717-x. Online ahead of print. PMID: 33208860.



VonHandorf A, Zablon HA, Biesiada J, Zhang X, Medvedovic M, Puga A. Hexavalent chromium promotes differential binding of CTCF to its cognate sites in euchromatin. Epigenetics. 2020 Dec 15. doi: 10. 1080/15592294.2020.1864168 Online ahead of print. PMID: 3331964.

CEG

Center for Environmental Genetics



Funded by NIEHS award P30 ES006096

http://med.uc.edu/eh/centers/ceg

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Research Funding Opportunities

The CEG is now accepting proposals for its 2021–2022 Pilot Projects Program. Application deadline: Monday February 22, 2021. To download a copy of the RFA and instructions in PDF format, click here. To obtain the RFA and instructions in Word format click here. Please provide all requested documentation and signatures.

ITS Core Matching Funds Program

Attention CEG Members! Our Integrative Technologies Support (ITS) Core welcomes your input on facilities cores and services, and equipment you would like to see made available in the future. Please participate in our client\user survey by clicking here. Also, CEG members are eligible for ITS Core subsidies (matching funds) for use of certain cores and services, including **Bioinformatics** (PIs with currently funded CEG Pilot awards may receive pro bono Bioinformatics support for the funded project). See more information on the ITS Web page, here.