Joseph H. Vineis
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INTERESTS
I am broadly interested in the interaction between microbial communities and their

Microbial Cultivation
Ecological Models
Molecular Ecology and Evolution
TEACHING
Assistant and Invited Speaker, Environmental Microbiology: Princeton University,
2023.
Presentation: Salt Marsh Biogeochemistry
Lead organizer and speaker

11. Joseph H Vineis, Diana Ringus, Hilary G Morrison, Tom Delmont, Sushila
Dalal, Laura H Raffals, A. Murat Eren, Eugene B. Chang, Mitchell L Sogin.
Patient-Specific Bacteroides Genome Variants in Pouchitis. 2016, mBio
7(6):e01713-16. doi:10.1128/mBio.01713-16.
12. Poynton, H.C. et al.. The Toxicogenome of Hyalella azteca: a model for
sediment ecotoxicology and evolutionary toxicology. 2018, Environmental
Science & Technology, p.acs.est.8b00837.
http://pubs.acs.org/doi/10.1021/acs.est.8b00837
13. Ashley N. Bulseco, Joseph H. Vineis, Anna E. Murphy, Amanda C. Spivak, Anne
E. Giblin, Jane Tucker, Jennifer L. Bowen. Metagenomics coupled with
biogeochemical rates measurements provide evidence that nitrate addition
stimulates respiration in salt marsh sediments. 2019, Limnology and
Oceanography, https://doi.org/10.1002/lno.11326
14. Anna E. Murphy, Ashley N. Bulseco, Ross Ackerman, Joseph H. Vineis, Jennifer
L. Bowen. Sulphide addition favours respiratory ammonification (DNRA)
over complete denitrification and alters the active microbial community in
salt marsh sediments. 2020, Environmental Micro7() G
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