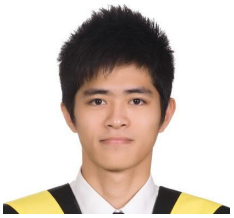
Curriculum Vitae



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Research area & interest: Environmental DNA; Environmental biology; Environmental toxicology; Environmental health; Food safety; Environmental risk assessment; Soil and water pollution; Bioremediation.

Education: Ph.D. (2016.9 – 2022.1); M.S. (2014.9 – 2016.6); B.E. (2009.9 – 2014.1) BSE, NTU Taiwan.

Professional Experience: 1. Post-doctoral researcher (2022.12 – present): SKLMP, CityU HK.

2. Post-doctoral researcher (2022.6 – 2022.12): IFSH, NTU Taiwan.

Peer-reviewed publication (selected):

1. **CM How**, CW Huang*, 2023. Dietary transfer of zinc oxide nanoparticles induces locomotive defects associated with GABAergic motor neuron damage in *Caenorhabditis elegans*. *Nanomaterials*, 13, 289.

2. **CM How**[1], **YH Kuo**[1], ML Huang, VHC Liao*, 2023. Assessing the ecological risk and ecotoxicity of the microbially mediated restoration of heavy metal-contaminated river sediment. *Sci Total Environ*, 858, 159732.

3. **CM How**, VHC Liao*, 2022. Chronic exposure to environmentally relevant levels of di(2-ethylhexyl) phthalate (DEHP) disrupts lipid metabolism associated with SBP-1/SREBP and ER stress in *C. elegans*. *Environ Pollut*, 307, 119579.

4. **CM How**, TA Lin, VHC Liao*, 2021. Early-life chronic di(2-ethylhexyl)phthalate exposure worsens age-related long-term associative memory decline associated with insulin/IGF-1 signaling and CRH-1/CREB in *Caenorhabditis elegans*. *J Hazard Mater*, 417, 126044.

5. **CM How**, PL Yen, CC Wei, SW Li, VHC Liao*, 2019. Early life exposure to di(2-ethylhexyl)phthalate causes age-related declines associated with insulin/IGF-1-like signaling pathway and SKN-1 in *Caenorhabditis elegans*. *Environ Pollut*, 251, 871-878.

6. **CM How**, SW Li, VHC Liao*, 2018. Chronic exposure to triadimenol at environmentally relevant concentration adversely affects aging biomarkers in *Caenorhabditis elegans* associated with insulin/IGF-1 signaling pathway. *Sci Total Environ*, 640-641, 485-492.

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