Freshwater cyanotoxins: Emerging exposure pathways & Impacts on human and ecosystem health

This seminar will start with the spatial distribution of cyanobacterial blooms in the US lakes and examining whether it is a potential risk factor of non-alcoholic liver diseases. The second part will introduce the health outcomes resulting from acute microcystin ingestion, focusing on liver health using a mouse model. In terms of microcystin exposures, direct exposure to water and consumption of seafood are well-documented.