



National Institute of  
Environmental Health Sciences  
Superfund Research Program

Virtual Event



## Virtual Technology Fair: Heavy Metals Detection and Treatment for Water

Wednesday, August 27, 2025  
1:00 – 2:30 p.m. EDT

The NIEHS Superfund Research Program Virtual Technology Fair features Small Business Innovative Research grant recipients developing innovative solutions for heavy metals in water. Speakers will give a “pitch,” showcasing their work to create significant value and drive positive change within the industry. If you are a potential end-user, customer, or other stakeholder interested in accelerating technology transfer of these promising approaches, please come prepared with questions!

### Presentations by:

#### ChemFinity Technologies Inc.

##### **Remediation of Acid Mine Drainage Water Using Selective Metal-Harvesting Membranes**

Speaker: Adam Uliana, Ph.D.

Grant Number: R43ES037224

#### Microvi Biotechnologies Inc.

##### **Intensified, High-Rate Reductive Immobilization of Hexavalent Chromium**

Speakers: Ameen Razavi and Fatemeh Shirazi, Ph.D.

Grant Number: R44ES031495

#### OndaVia Inc.

##### **Automated, In-Line Hexavalent Chromium Analyzer**

Speaker: Mark Peterman, Ph.D.

Grant Number: R44ES035679

#### Picoyune

##### **Plasmonic Sensor and Field Monitor for Mercury**

Speaker: Jay James, Ph.D.

Grant Number: R44ES032383

### Moderators:

**Heather Henry, Ph.D.**, National Institute of Environmental Health Sciences (NIEHS),  
and **Jean Balent**, Environmental Protection Agency (EPA)



For more information  
and to register now for **FREE**,  
please visit <https://bit.ly/4ftl9wP>.

This Virtual Technology Fair is an EPA and NIEHS collaboration broadcast via [Clu-In.org](https://clu-in.org).

**Individuals with disabilities** who need accommodation to participate in this event should contact Jean Balent at 571-329-1385 or [balent.jean@epa.gov](mailto:balent.jean@epa.gov). TTY users should contact the Federal TTY Relay Service at 800-877-8339. Requests should be made at least 5 business days in advance of the event.