

# WEBINAR INVITATION

## ***IMPACT: Innovative monitoring to prioritise contaminants of emerging concern for Ireland***

DATE: 10<sup>th</sup> May, 2022

TIME: 9.00am - 1pm (GMT)

### **Session 1**

9.00 – 9.30 Prof Damia Barcelo Culleres, Catalan Institute for Water Research, Girona, Spain

*Mass spectrometry in wastewater-based epidemiology for the determination of small & large molecules as biomarkers of exposure. Needs for COVID-19 testing with environmental proteomics.*

9.30 – 9.45 Dr Helena Rapp Wright, Environmental Research Group, Imperial College London, UK

*Novel detection and risk assessment of contaminants of emerging concern in a range of aquatic matrices in Ireland*

9.45 – 10.00 Imogen Hands, DCU Water Institute, School of Chemical Sciences, DCU, Ireland

*Occurrence of chemicals of emerging concern in Irish waters, with a focus on pesticide contaminants*

## **Session 2**

10.30 - 10.45 **Prof Fiona Regan**, DCU Water Institute, School of Chemical Sciences, DCU, Ireland

*Chemicals in our Water: Analytical Challenges to Assess Risk*

10.45 - 11.00 **Dr. Marcin Penk**, School of Natural Sciences, Trinity College Dublin, Ireland

*Acute toxicity of the insecticide cypermethrin to three common European mayfly and stonefly nymph*

11.00 - 11.45 **Simon O'Toole**, Environmental Monitoring and Surveillance, EPA, Ireland

*The National Aquatic Environmental Chemistry Group - an improved strategic approach to the monitoring and management of hazardous chemicals in the aquatic environment*

## **Session 3**

12.15 - 12.30 **Dr. Leon Barron**, Environmental Research Group, School of Public Health, Faculty of Medicine, Imperial College London, UK

*Rapid and lower cost approaches for monitoring the risks of emerging contaminants at scale*

12.30 - 1.00 Roundtable discussion *"Future directions for CEC analysis"*

Panelists: Prof Damia Barcelo, Prof Fiona Regan, Dr Marcin Penk, Simon O'Toole, Dr Leon Barron

ALL WELCOME

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