



INTEREST GROUP OMICs

Mission

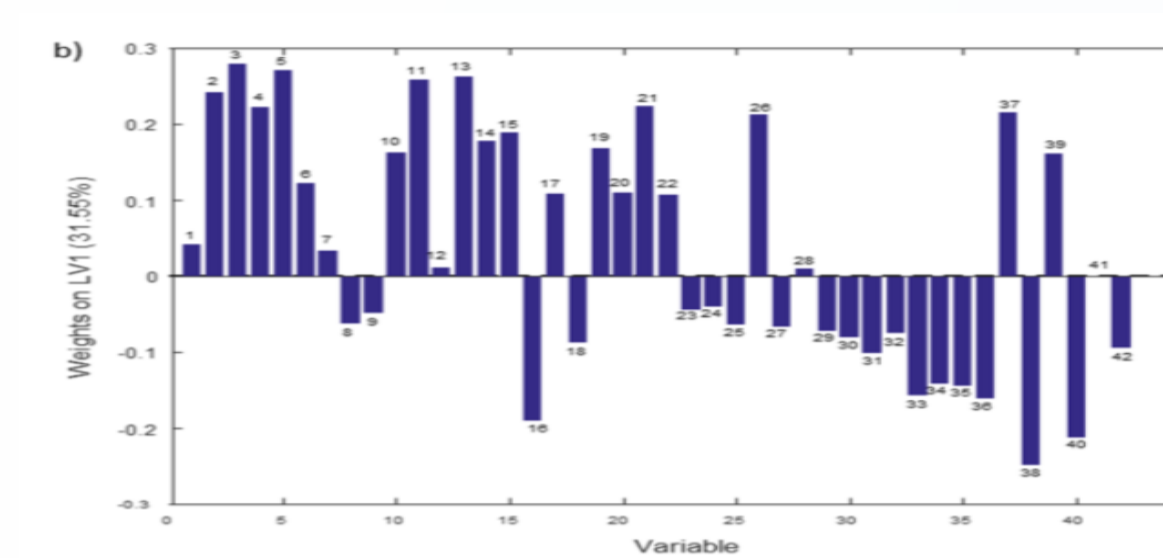
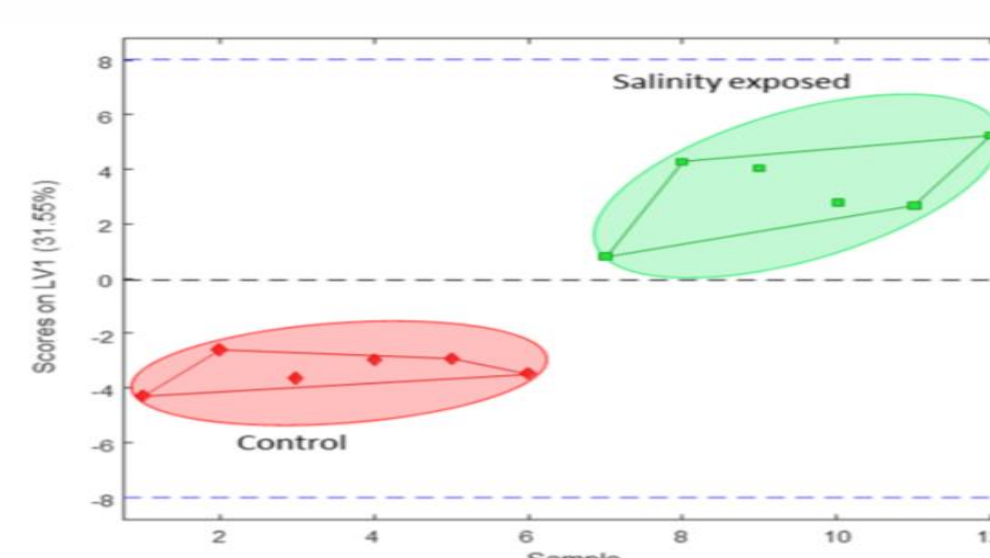
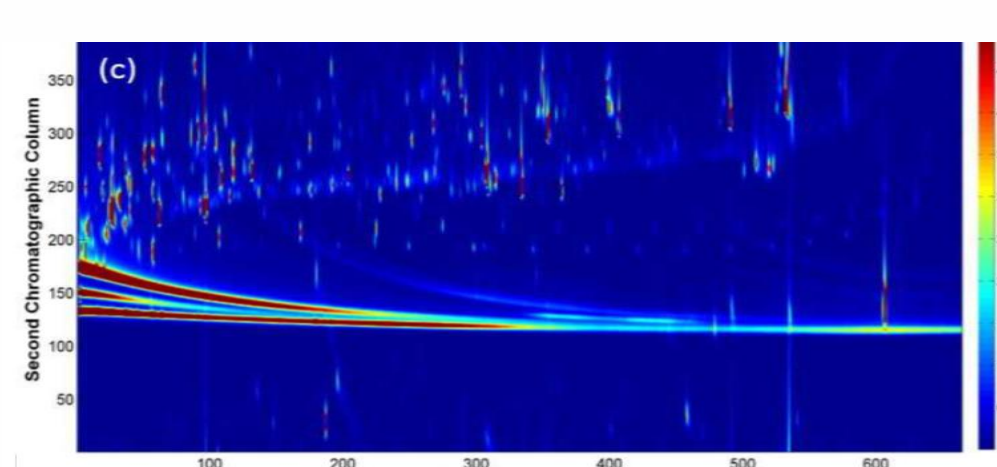
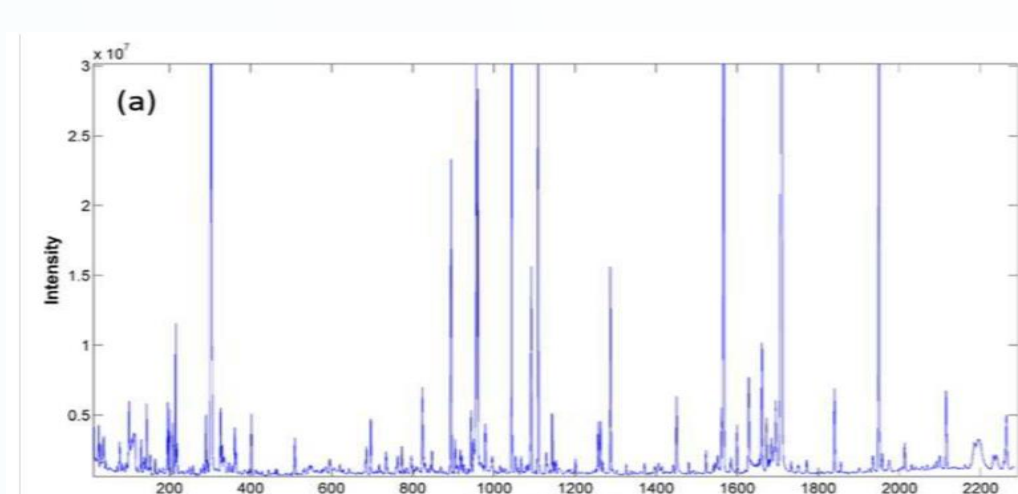
Developed to provide a forum for discussion and to raise awareness of the opportunities and challenges for OMICs disciplines (e.g., genomics, transcriptomics, proteomics, metabolomics, etc.) in environmental sciences and toxicology.

Our group coordinates scientific efforts among diverse partners (e.g., Government, Academia, Industry, NGOs, etc.) and across geographic regions, in order to explore and further develop OMIC technologies as an important feature of regulations.

We seek to connect molecular-based endpoints and apical outcomes for the protection of human and ecological health throughout the world.

Current Projects

- Planning a Pellston workshop "Omics into Regulatory Science" (South Korea, date to be announced)
- Publishing scientific manuscripts targeting different audiences
- Putting together a list of experts and expertise within the SETAC Omics IG to help with Omics Analysis
- Developing bioinformatics pipelines of Omics analysis for beginners
- Developing case studies for bringing Omics into regulations and chemical risk assessment



Join Us!

Supported Sessions:

Monday, May 4 15:45-16:30 | Session Discussion
Epigenetic and Evolutionary Effects of Environmental Stressors on Environmental and Human Health

Thursday, May 7 13:00-13:45 | Session Discussion
Perspectives on Data Driven Biology: Applications and Safety Assessments

Business Meeting:

First fully only Business Meeting, Date to be announced

Agenda

- Presentation of new research initiatives
- Developing regulatory case studies
- List of expertise in Omics IG
- New opportunities