

**Title of Research:**

16\_PT04-01

**Development of the platform to manage the monitoring data of chemicals in environment, ChemTHEATRE**

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**Summary of Research:**

We have launched a platform to register and visualize the monitoring data of environmental contaminants, named 'ChemTHEATRE' (Chemicals in the THEATRE: Tractable and Heuristic E-Archive for Traceability and Responsible-care Engagement). So far, the data of 58 publications have been registered to the database. Users can find the chemical concentration data in environmental and biological specimens with their metadata, such as sampling date and location, species, biometrics, and so on, in addition to experimental methods including extraction and cleanup processes, used standards, instruments, etc. ChemTHEATRE is now available at <http://chem-theatre.com/>.

Updated information is provided from Facebook and Twitter.

Facebook: <https://www.facebook.com/ChemTHEATRE/>

Twitter: [https://twitter.com/Chem\\_THEATRE/](https://twitter.com/Chem_THEATRE/)

**Timeline:**

March 1, 2017 – February 28, 2018

**Topics:**

Our research was presented at ICCA-LRI and JRC Workshop in June 21–22, 2017.

"Introduction to ChemTHEATRE: Open data leads to a new era for integrated exposure and effects analysis."

**Publications:**