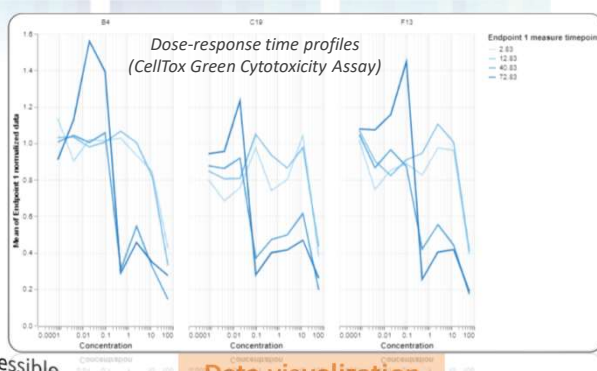
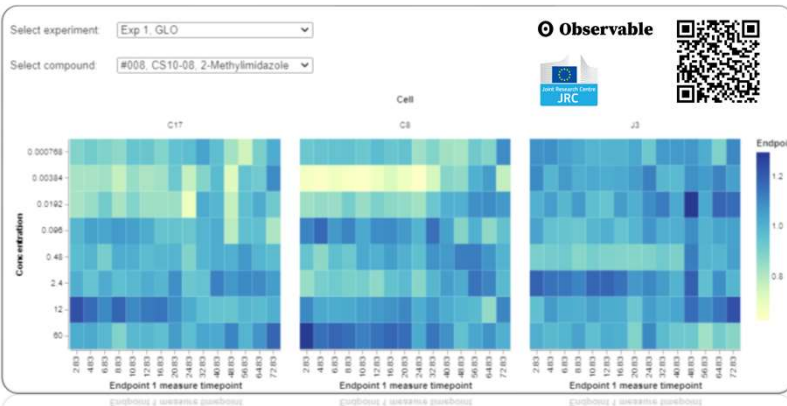


## Databasing and data sustainability: the EU-ToxRisk approach for data reuse (WP2)

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### Summary

BioStudies, an EMBL-EBI data repository, is used for organizing EU-ToxRisk experimental data submissions and access. More complex data access and analysis is supported by the extended EU-ToxRisk Knowledge Infrastructure including the ToxDataExplorer application and supporting harmonised data warehouse based on EdelweissData technology developed by Edelweiss Connect.



Data sets

| name   | version | Accession Number | Modified Name  |
|--|---------|------------------|--|
| CS14_SU1a_Neuro_SH_Diff_3D_nACHR_ag_ExpAcute_processed     | 1       | S10000007        | CS14_SU1a_Neuro_SH_Diff_3D_nACHR_ag_ExpAcute_processed     |
| CS14_SU2a_Neuro_SH_Diff_3D_nACHR_ag+PNU_ExpAcute_processed | 1       | S10000008        | CS14_SU2a_Neuro_SH_Diff_3D_nACHR_ag+PNU_ExpAcute_processed |

Data access interface (ToxDataExplorer)

Data access interface

Data submission and validation

| Study | Method name                    | Dataset type | Project part | Toxicity domain | Title  | Organism | Organ                     | Cell type | Cell name | Treatment modality | Information domain | Exposure time | Test endpoint 1                   | Endpoint 1 analytical measure | Compound             | Compound              | Compound             | Compound          |
|-------|--------------------------------|--------------|--------------|-----------------|--|----------|---------------------------|-----------|-----------|--------------------|--------------------|---------------|-----------------------------------|-------------------------------|----------------------|-----------------------|----------------------|-------------------|
|       | qHTS live cell viability assay | Raw          | CSY          | RDT             | EUTOXRISK JRC qHTS_384_3T3_live_cel_GLO_exp3 | mouse    | embryo derived fibroblast | cell line | Balb 3T3  | single dose        | cytotoxicity       | 2 h - 72 h    | Cell viability/metabolic activity | luminescence                  | Butyltin trichloride | Dibutyltin dichloride | Tributyltin chloride | 4-Methylimidazole |

Data collection template

