INTOXICOM Workshop #4: Training Materials for Toxicology

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Published May 12, 2025

Citation

Willighagen, E. (2025, May 12). INTOXICOM Workshop #4: Training Materials for Toxicology. *Chem-bla-ics*. https://doi.org/10.59350/t01ew-fed58

Keywords

Enanomapper, Nanocommons, Elixir

Copyright

chem-bla-ics

INTOXICOM is an ELIXIR Toxicoloy Community (doi:10.12688/f1000research.74502.2) implementation study, organizing five workshops, each one with a different topic. The first three workshops were in Utrecht (doi:10.37044/osf.io/un2rw), Basel, and Uppsala. The fourth workshop has the theme *training material* and will be held in Birmingham (thanks Iseult!). And one aspect of that is to make existing training material from toxicology projects indexed and therefore more FAIR.

Last week we had a telcon, and I promised to make an overview of some open educational resources that I have (co-)developed over the years. It started during the eNanoMapper project, where our Project Technical Adviser was Dr. Cedric Notredame. He commented on us using Word documents for training materials, and that was for me a cue to start using GitHub Pages instead. We later reused this for NanoCommons, and by then GitHub Pages had become common and the foundation for other online material for toxicology projects.

Here follows an overview of tutorials I contributed to. Some are already registered with TeSS, but I am sure I will learn a lot of new tricks, and particularly about the learning paths.

Hope to see you there! Register here.

eNanoMapper
- Browsing the eNanoMapper ontology with BioPortal, AberOWL and Protégé
- Entering and analysing nano safety data
- Adding ontology terms
- How to use the Pathway module of ArrayAnalysis.org for pathway analysis of microarray data
- How to make a pathway

By other eNanoMapper partners:

- Omics descriptors calculation (by Georgia Tsiliki and Haralambos Sarimveis)

NanoCommons
- Adding nanomaterial data
- Ten simple actions to make NSC Research Output more Findable

By group members:

- Adding new term to the eNanoMapper ontology (by Laurent Winckers)
- NanoCommons User Guidance Handbook (by Thomas Exner, with contributions by many)

FAIRplus

I add this one as well, as this below recipes were developed for the eTox use case.

- InChI and SMILES identifiers for chemical structures

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- Creating InChIKeys for IUPAC names

VHP4Safety

- Information about chemicals

Many more are listed on the VHP4Safety Docs website.