

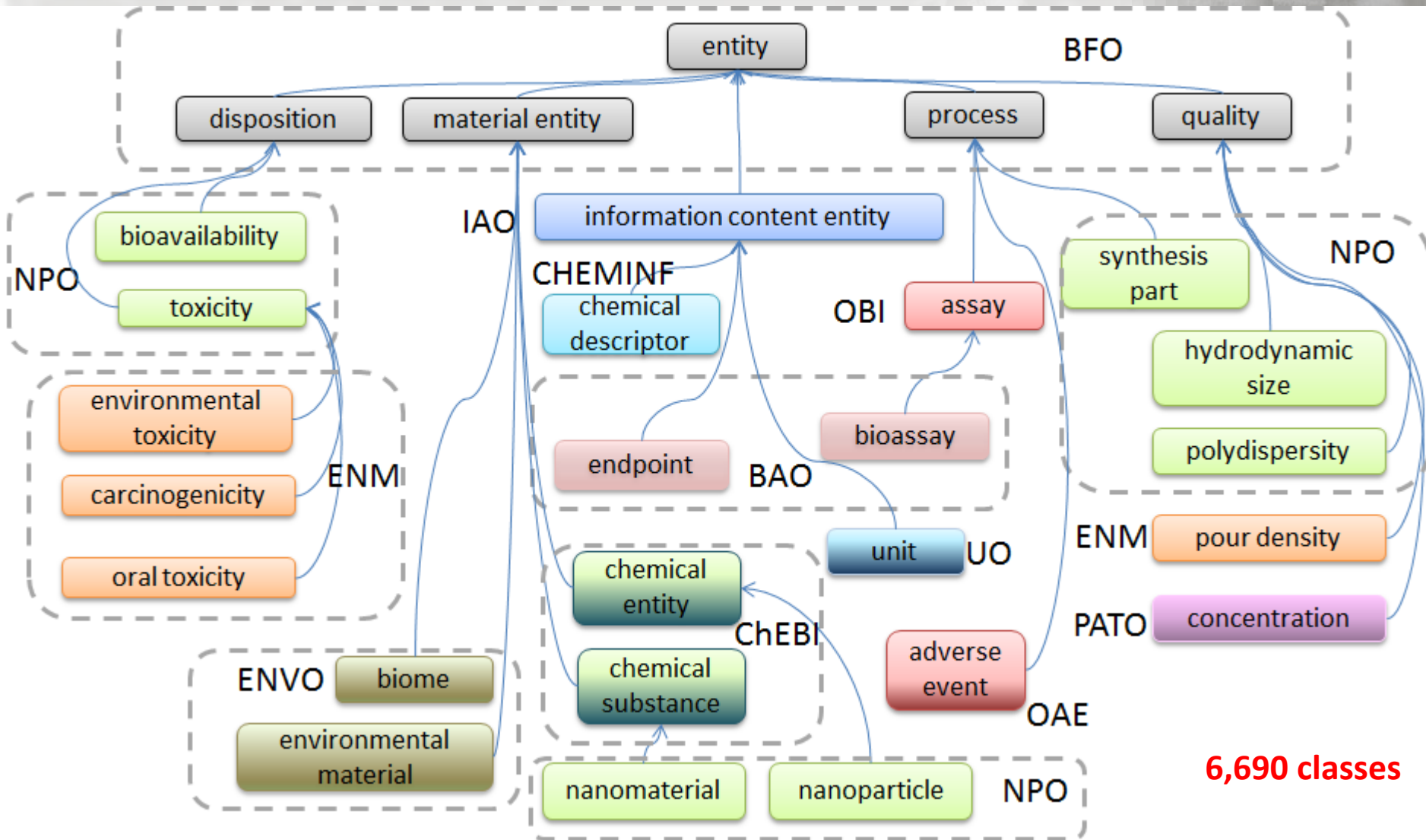
Data, Ontology and Harmonisation Needs for Nano Safety Cluster & Projects - Summary

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Project Coordinator



Ontology assembled from multiple sources



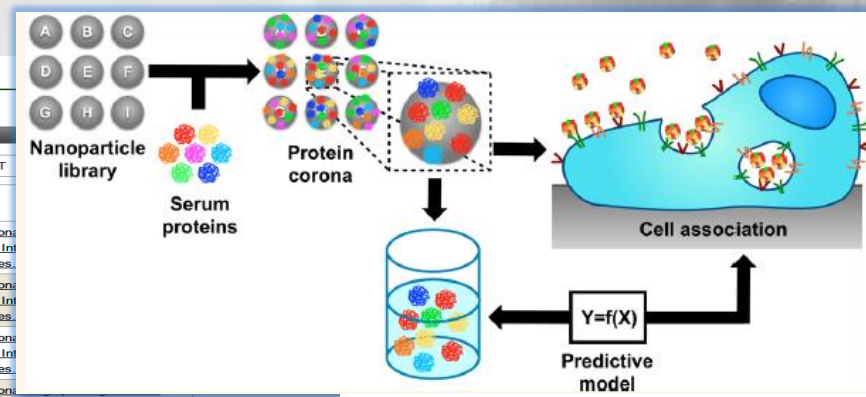
Prototype database (NM components)

ENM eNanoMapper Search Nanomaterials OpenTox Demo Help

Search substances by identifiers

Showing from 1 to 100 in pages of 100 substances

Substance Name	Substance UUID	Substance Type	Public name	Reference substance UUID
- 11 - G15.DDT@BDHDA	FCSV-2a85f394...	nanoparticle	G15.DDT@BDHDA	FCSV-2a85f394...
- 12 - G15.DDT@CTAB	FCSV-d1731b11-2...	nanoparticle	G15.DDT@CTAB	FCSV-d1731b11-2...
- 13 - G15.DDT@DOTAP	FCSV-3b96ad7a-b...	nanoparticle	G15.DDT@DOTAP	FCSV-3b96ad7a-b...
- 14 - G15.DDT@ODA	FCSV-fb5e6048-8...	nanoparticle	G15.DDT@ODA	FCSV-fb5e6048-8...



Protein Corona Data set
DOI:10.1021/nn406018q

Composition name: FCSV-fb5e6048-8ee1-351d-915b-d1669681357e
Composition UUID: FCSV-fb5e6048-8ee1-351d-915b-d1669681357e
Purity of IUC Substance:

Type	Name	EC No.	CAS No.	Typical concentration	Concentration ranges	Structure
Coating	Dodecane-1-Thiol, Wnahlzmsdqwp-Uhfffaocsa-N, Inch=1s/C 12h26s/C 1-2-3-4-5-6-7-8-9-10-11-12-13/H13h, 2-12h2, 1h3, 1-Dodecanethiol			0 % (w/w)	0 % (w/w) 0 % (w/w)	Also contained
Coating	Octadecan-1-Amine, Reyjpsvyrzge-Uhfffaocsa-N, Inch=1s/C 18h39n/C 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19/H2-19h2, 1h3, Stearylamine, 1-Octadecanamine, Octadecylamine			0 % (w/w)	0 % (w/w) 0 % (w/w)	Also contained
Core	[Au]			0 % (w/w)	0 % (w/w) 0 % (w/w)	Au

- 15 - G15.DDT@SA	FCSV-cd7105f2-f...	nanoparticle	G15.DDT@SA	FCSV-cd7105f2-f...	Protein Corona Fingerprinting Predicts the Cellular Interaction of Gold and Silver Nanoparticles.csv	Classification = Anionic
- 16 - G15.DDT@SDS	FCSV-9505d90b-f...	nanoparticle	G15.DDT@SDS	FCSV-9505d90b-f...	Protein Corona Fingerprinting Predicts the Cellular Interaction of Gold and Silver Nanoparticles.csv	Classification = Anionic
- 68 - G30.DDT@BDHDA	FCSV-50aee86c-a...	nanoparticle	G30.DDT@BDHDA	FCSV-50aee86c-a...	Protein Corona Fingerprinting Predicts the Cellular Interaction of Gold and Silver Nanoparticles.csv	Classification = Cationic
- 69 - G30.DDT@CTAB	FCSV-c4e9df58-f...	nanoparticle	G30.DDT@CTAB	FCSV-c4e9df58-f...	Protein Corona Fingerprinting Predicts the Cellular Interaction of Gold and Silver Nanoparticles.csv	Classification = Cationic



Actions

- Numerous NSC Project Interaction, Development and Testing, Workshop Activities identified, and to be pursued in 2016
- New Sustainability Working Group to be formed (chaired by Barry Hardy (Douglas Connect) and Peter Ritchie (IOM) and involving representatives from each project. Group will identify practices, model and structure for supporting sustainability for NSC resources.
- Model taking into account cluster, project and user needs, growth, services, collaboration, business model to be formulated.
- Communications with NSC Coordination Function to be pursued
- Establish Services and Support Structure for start of 2017
- Medium term Infrastructure development to be developed
- Operationalise Business Ecosystem Model, Services and Support

