

Data Standards for Minimum Information Collection for Antibody Therapy Experiments



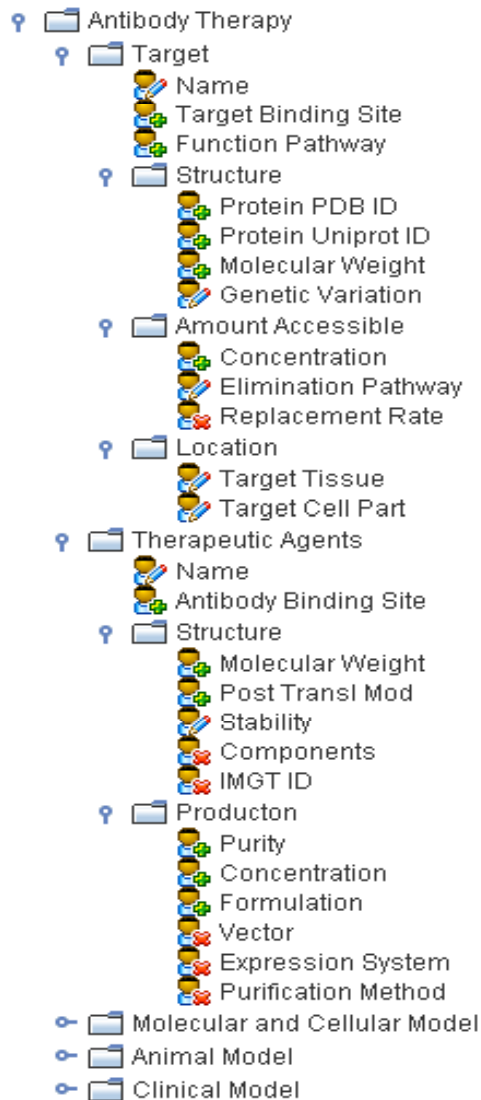
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- A core set of CDEs on antibody therapy experiments
 - Encourages integration of data
 - Enables comparison between experiments
- Researchers to propose own CDEs for recording novel methods and data types
 - Allows expansion of core CDE set

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Our CDEs consists of:

- CDEs from caDSR
- CDEs built using Protégé, using concepts from NCI Thesaurus
- CDEs with concepts not found
 - Specialised areas within antibody therapies
 - Development of new concepts, in collaboration with researchers of this field

Common Data Elements and Concepts

GIAATE Tree Branch	Reused from caDSR 	Newly defined using NCI Thesaurus concepts 	Concepts not yet defined in NCRI Thesaurus 
Target	6	5	1
Therapeutic	6	2	5
Molecular Model	8	5	0
Animal Model	14	6	6
Patient	13	6	8
Total	47	24	20

Findings

- Some of the CDEs required for GIAATE are reused from caDSR,
- a subset of the rest were created using concepts and relationships from the NCI Thesaurus
- The remaining CDEs required concepts not defined within the Thesaurus. Overwhelmingly, these concepts describe specialist areas within antibody therapy research.