

## ROC Meeting in Cambridge - Agenda

### Monday, January 5, 2009

#### *Morning - Scope and Orthogonality*

8:00 am to 8:45 am - Breakfast in Dining Hall

9:00 am - Introductions of Participants

9:15 am - Neocles Leontis - Overview of Aims and Proposed Scope of RNAO (RNA Ontology)

9:30 am - Colin Batchelor - Progress on RNAO.owl so far

10:15 am - Jane Richardson - Backbone Conformational States

10:45 am - Coffee Break

11:00 am - Orthogonality, Interfacing, and Inter-operability of RNAO with related Ontologies

- Thomas Bittner - Underlying Ontologies for Biomedical work - The Relation Ontology (RO) and Basic Formal Ontology (BFO)
- Karen Eilbeck - Sequence ontology (SO) and Gene Ontology (GO)
- Kirill Degtyarenko - Chemical Entities of Biological Interest (ChEBI) Ontology

12:00 pm - Discussion

12:30 pm - Lunch

#### *Afternoon - Interoperability and Reasoning*

2:00 pm - Presentations and Discussion

- Colin Batchelor - Reasoning in RNAO.owl
- Chris Mungall - Reasoners, OWL and ontology languages and their capabilities

3:00 pm - Discussion

3:30 pm - Coffee Break

4:00 pm - Open Discussion (participants can suggest topics!)

### Tuesday, January 6, 2009

#### *Morning - Using RNA data - Ontologies and Sequence Alignments*

9:00 am - Using RNA data

- Alex Bateman - Rfam
- Jennifer Daub - Rfam
- Rob Knight - Use case: 16S Sequence Alignments and Phylogenies

- Alain Laederach - 3D to 2D transformations

10:45 am - Coffee Break

11:00 am - Discussion and Brainstorming on Use Cases

12:30 pm - Lunch

*Afternoon – Conformational States and Discussion*

2:00 pm - Ontological status of conformational states

3:30 pm - Coffee Break

4:00 pm - Discussion and Closing Remarks