

SYBEL workshop: FAIR in systems biology

Workshop themes (based on SYBEL, the Implementation Study of the Systems Biology Community in ELIXIR):

M1.1 Joint workshop on FAIRness of systems biology models and ontologies for systems biology

M2.2 Workshop on datasets for FAIRly curated GEMs and single cell approaches

M3.1 Training events around different modelling methods, webinars on topics in WP2.

[ZOOM Link Wednesday](#)

[ZOOM Link Thursday](#)

[Notes document: please add notes as you wish](#)

Wednesday, September 27th 2023	
<i>Times in CEST (local time)</i>	Presentation title and speaker
10.00 - 10.15	Introduction to the workshop John Hancock/Anze Zupanic
10:15 - 10:45	Towards FAIR Boolean Network Models David Safranek
10:45 - 11:15	Coffee break
11:15 - 11:45	Integration of omics data with genome-scale metabolic models Miha Moškon
11:45 - 12:10	Omics databases in genome-scale metabolic models Tadeja Režen
12.10 - 12.30	Stress Knowledge Map: Reusability of a Knowledge Graph Carissa Bleker
12:30 - 13:00	standard-GEM: standardization of open-source genome-scale metabolic models, and an example case: Human-GEM Hao Wang
13:00 - 14:00	Lunch (provided)
14:00 - 15:10	Training and ontologies
	14.00-14.20 - The EDAM ontology Hervé Ménager (EDAM)
	14.20-14.40 - bio.tools - making it easier to find, understand, and cite software tools in the life sciences Veit Schwämmle
	14.40-15.00 - ELIXIR Training activities and opportunities for collaboration Alexia Cardona (Training Platform)
	15.00-15.10 Discussion on talks Barbara Szomolay, Cristina Furlan, Brane Leskošek

15:10 - 16:00	Generation and analysis of context-specific genome-scale metabolic models derived from single-cell RNA-Seq data Johan Gustafsson
16:00 - 16:30	Coffee break
16:30 - 17:20	Working with GEMs in the cloud with COBREXAJ Miroslav Kratochvil
17:20 - 17:50	BioSimulations and BioSimulators Ion Morau, Eran Agmon, Lucian Smith
17.50 - 18.20	SED-ML and model credibility Herbert Sauro
18.20 - 19.00	DISCUSSION of day 1
20:00 (approx)	Joint Dinner (covered individually by each attendee)

Thursday, September 28th 2023

<i>Times in CEST (local time)</i>	Presentation title and speaker
09:00-09:15	<u>Introduction including "X FAIRnesses for systems biology"</u> John Hancock <u>[Notes document]</u> <u>[Initial survey on Slido]</u> Slido.com code = 2621694
09:15-10:00	<u>How BioModels and OmicsODI support FAIRness in Systems Biology</u> Rahuman Sheriff
10:00-10:25	<u>The FAIRness of FAIRDOME for Systems Biology</u> Katy Wolstencroft
10.25 - 10:50	<u>The FAIR Cookbook: the essential resource for and by FAIR doers</u> Vassilios Ioannidis
10:50 - 11.20	Coffee Break
11.20-11:45	<u>Fairness issues in metabolic model reconstruction</u> Maria Klapa
11.45-12:10	<u>The role of FAIRDOMEHub in building the COVID-19 Disease Map</u> Marek Ostaszewski
12:10-12:35	<u>FAIR assessment of computational biology models and COMBINE archives</u> Irina Balaur
12:35-13:20	<u>[Final survey on Slido]</u> Final DISCUSSION Next steps
13:20 - 14:20	Lunch
14:20 - 15.30	Drafting session for meeting report for those still available <u>Drafting doc for report</u>