

Workshop and Hackathon

Molecular pathways for rare disease (FAIR) data analysis

26. - 29.11.2019 in Maastricht – The Netherlands

Preliminary Program

Day 1 Tuesday 26.11.19

Focus of the day : Introduction and exploring WP/PV - making of pathways

09:00 – 13:00	Participants registration	
13:00 – 14:00	Introduction and welcome (Chris Evelo)	Introduction to WikiPathways-PathVisio, network and RDF applications
14:00 – 15:00	Introduction to aims and goals of the workshop	Pathway making and curation, how to work with data on pathways (Chris), how to prepare FAIR data for data analysis - FAIRification tool (Marco), how to add external resources (Lydie), AOP (Alberto), ERNs (?)
15:00 - 15:30	<i>Coffee break</i>	
15:30 – 17:00	How to make pathways	Introduction lecture and hands on (UM team)
17:00	End of day 1	

Day 2 Wednesday 27.11.19

Focus of the day: Combining data and pathways and making the results FAIR

09:00 – 12:00	2 parallel sessions FAIR pathways - WP12/13 FAIRification of resources (WP, PV) (WP12/13 members)	
	1. ERNs - making ERN inspired pathways (UM team + ERN members)	2. AOPs - making AOP/tox inspired pathways (UM team + AOP/tox people)
12:00 – 13:00	Synthesis discussion - presentation of the results of the break out groups	
13:00 – 14:00	<i>Lunch break</i>	
14:00 – 15:00	Data from resources	Introduction and exploring neXtProt model (Lydie)
15:00 – 16:30	2 parallel sessions - FAIR data formats	
	1. What data formats do we have from ERNs? What do we need to be able to work with it?	2. What data formats come from Toxicology? What do we need to be able to work with it?
16:30 – 17.30	Synthesis discussion - presentation of the results of the break out groups	
17:30	End of day 2	

Day 3 Thursday 28.11.19

Focus of the day: Next steps - identification of tasks and preparation of hackathon, hackathon

09:00 – 12:30	Recall: results of the break out session about data and needs to make it FAIRly applicable - 2 parallel break out groups	
	1. Results from day 2 - preparation of hackathon day 3: How to make results FAIR: Evaluate, present, check different common methods in separate groups (we have: Bioschemas, Pathway RDF, Pathway ontology, Nanopubs for references, BridgeDb for ID mapping build in, with explicit resource based IDs, and Applets for integration into other approaches)	2. Possibility for data analysis - BYOD session (especially for ERN people and other data owners)
12:30 – 13:00	<i>Lunch break</i>	
14:00 – 17:30	Discussion and start of hackathon, identification of next steps, goals for hackathon	
17:30	End of day 3	

Day 4 Friday 29.11.19

Focus of the day: Hackathon – working on the identified next steps

09:00 – 12:30	Hackathon
12:30 – 13:00	<i>Lunch break</i>
13:00 – open end	Some more hackathon
17:30 or earlier	End of day 4