



GREEKC MEETING 23-24 October, 2017 - Lisbon:

Report

Design of an interoperable Gene Regulation Knowledge Commons

Day 1 - 23/10/2017:

Main Event: Link Consulting AS		
Session 1: Management Committee meeting		
9:00 – 11:00	Review of current activities, future plans Mandate of Core Group Additional WG Co-leaders The website The Ljubljana meeting (brief scaffold needed) Any other business (based on agenda announcement)	Martin Kuiper (MK)
11:00 - 11:15	Coffee break	
Session 2: Workshop Kick-off		
11:15 – 12:00	Actions initiated at the Malta meeting and how they set the stage for the Lisbon workshop	Martin Kuiper (MK)
	GRO follow-up	Jesualdo Fernandez Breis (JT) Stefan Schulz (SS)
	NTNU's DbTF curations; TF-TG representations in current resources	Astrid Lægrid (AL)
	Text mining	Fabio Rinaldi (FR)
	CausalTAB	Sandra Orchard (SO)
	Expectations for this workshop	Martin Kuiper (MK)



Session 3: Needs of Users of the Gene Regulation Knowledge Commons: computational biologists, tool builders, systems modellers		
12:00 – 12:45	Challenges in building a TF - TG regulatory network	Luz Garcia Alonso (LGA)
	From modelling by reading to modelling by accessing databases	Claudine Chaouiya (CC)
12:45 – 14:15	Lunch	
14:15 – 15:00	DNA centric annotation - what do we need, for what	Colin Logie (CL)
	ENSEMBL annotations today and tomorrow	Toby Hunt (TH)
Session 4: Defining concepts essential to Gene Regulation		
15:00 – 16:00	Survey of the Gene Regulation component and relation space	Jacques van Helden (JVH)
	Sequence motifs: tilting bricks of the yellow brick road to gene regulation knowledge	Ivan Kulakovskiy (IK)
	GRO Deconstruction: Filling gaps in GRKC coverage by “living” ontologies	Stefan Schulz (SS)
16:00 - 16:30	Coffee Break	
19:30 - 20:30	Social event: walking tour of the center	
20:30	Dinner	

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Day 2 - 24/10/2017:

Main Event: Link Consulting AS		
Session 1: Vision of Producers of the KC: curators, database managers, ontologists, text miners		
09:00 - 12:45	Perspectives of GO for covering the GRKC needs	Ruth Lovering (RL)
	Perspectives of PSICQUIC for sharing the GRKC	Noemi Del Toro (NT)
	Curating contextual knowledge : what are the limits	Steven Vercruyse (SV)
	Noctua/GO-CAM (Gene Ontology Causal Activity Model)	Astrid Lægrid (AL)
11:00 - 11:15	Coffee Break	
12:45 - 14:15	Lunch	
14:15 - 16:30	Break-out discussions, Action points	
	What are the essentials and what are nice-to-haves for GRKC?	Astrid Lægrid (AL)
	What needs to be in place to accommodate the GRKC?	Stefan Schulz (SS) Jesualdo Tomás Fernández Breis (JT)
	To what extent are databases and tools interoperable, and how can interoperability be warranted given the future development of the GRKC?	Sandra Orchard (SO)
15:30 - 15:45	Coffee Break	
16:30 - 17:30	Wrap up	

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Workshop report

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