

Network Biology SIG Program — Friday, July 10th

8:30	8:45	Introduction and Welcome
8:45	9:30	KEYNOTE: Ron Shamir – Tel Aviv University – <i>Do networks help in making sense of the omics data deluge?</i>
9:30	9:55	Maria Sorokina – A novel metabolic network representation for the discovery of conserved modules of chemical transformations
9:55	10:20	Fazle Faisal – Exploring the structure and function of temporal networks with dynamic graphlets: implications for aging
10:20	10:45	Morning Coffee Break and Poster Setup
10:45	11:30	KEYNOTE: Henning Hermjakob – EBI – Open community standards in proteomics and systems biology
11:30	11:55	Barry Demchak – Cytoscape Cyberinfrastructure: leveraging microservices to the cloud and beyond
11:55	12:10	Flash Journal Club
12:10	12:30	Lightning Round - one poster, one slide, one minute
12:30	2:00	Lunch and Poster Viewing
2:00	2:45	KEYNOTE: Florian Markowetz – University of Cambridge – Functional analysis of genetic interaction networks
2:45	3:10	Juliane Perner – Functional and co-evolutionary analysis of chromatin and cytosine modification networks in mouse embryonic stem cells
3:10	3:35	Junwen Wang – Prediction of determining factors and underlying gene regulatory network for cell fate conversion
3:35	4:10	Afternoon Coffee Break and Poster Viewing
4:10	4:35	Georg Summer – Neo4j as a useful addition to the network biology toolkit
4:35	5:00	Inna Kuperstein – Data visualization and modeling using Atlas of Cancer Signaling Network predicts clinical outcome
5:00	5:45	KEYNOTE: Brenda Andrews – University of Toronto – Global Mapping of Genetic Networks in Yeast
5:45	6:00	Poster Prizes Awarded and Community Subnetworks
