

Interactome Networks (UK)

Session 1 ORFeome

WEDNESDAY 8/31/2005, 3:00 PM

<u>#</u>	<u>Iname</u>	<u>Title</u>	<u>Talk Length</u>
1	Temple	Mammalian gene collection—Setting the goals and the status of current programs	25
	Dunham	No title	15
2	Lamesch	Towards improving the quality and coverage of ORFeome resources	15
3	Celniker	Functional genomics in <i>Drosophila</i>	25

Session 2 TRANSCRIPTIONAL NETWORKS

WEDNESDAY 8/31/2005, 5:00 PM

<u>#</u>	<u>Iname</u>	<u>Title</u>	<u>Talk Length</u>
4	Walhout	A <i>C. elegans</i> transcription regulatory network of the digestive tract	15
5	Suzuki	Interactome analysis of mouse transcription factors	15
6	Maibaum	Interactions, gene networks and transcriptomic data analysis	15
7	Bertin	The <i>C. elegans</i> localizome project—A beginning	15

Session 3 POSTER SESSION / WINE & CHEESE

WEDNESDAY 8/31/2005, 6:30 PM

<u>#</u>	<u>Iname</u>	<u>Title</u>	<u>Talk Length</u>
8	Bjorklund	Expansion of protein domain repeats in the evolution of higher eukaryotes	
9	Boxem	Toward a domain interaction map of <i>C. elegans</i> early embryogenesis	
10	Li	An investigation on the dynamic features of protein interaction networks	
11	Rual	A proteome scale map of the human interactome network	
12	Synowsky	In-depth characterization of the intact exosome complex by mass spectrometry	
13	Underwood	Protein-protein interaction map of the <i>Y. pestis</i> type-III secretion system by bacterial two-hybrid screening	

Session 4 BINARY MAPS

THURSDAY 9/1/2005, 9:00 AM

<u>#</u>	<u>Iname</u>	<u>Title</u>	<u>Talk Length</u>
	Frommer	No title	15
14	Wrana	Proteomic mapping of dynamic protein-protein interactions in mammalian cells	25
15	Rual	A proteome scale map of the human interactome network	15

16	Wright	A high-throughput method for identifying novel extracellular protein:protein	25
17	Sanderson	Systematic analysis of protein-protein interactions provides novel insights into fundamental biological processes and mechanisms of disease pathology	15
18	Tavernier	The MAPPIT Toolbox—Novel strategies to analyze molecular interactions in intact	15
22	Greenblatt	Protein complexes and functional pathways in <i>S. cerevisiae</i>	25

Session 5 CO-COMPLEX MEMBERSHIP MAPS

THURSDAY 9/1/2005, 2:00 PM

<u>#</u>	<u>Iname</u>	<u>Title</u>	<u>Talk Length</u>
19	Gavin	Global interaction networks probed by mass spectrometry	25
20	Ihara	Recursively generated interaction network from literature	15
21	Stoevesandt	Mapping of protein complexes in cellular signal transduction using peptide microarrays and fluorescence cross correlation spectroscopy	15
23	Maliga	Identification and biochemical characterization of centrosomal sub-complexes in <i>C. elegans</i>	15
24	Temple	Comparative analyses of components of the interactome identified in oxidative	15

Session 6 INTERACTOME MODELING-FUNCTIONAL INTEGRATION

FRIDAY 9/2/2005, 9:00 AM

<u>#</u>	<u>Iname</u>	<u>Title</u>	<u>Talk Length</u>
25	Vidal	Interactome networks	25
26	Birney	Reactome—A highly accurate and detailed mammalian pathway database	25
27	Fraser	RNAi screens to examine genetic interactions in <i>C. elegans</i> development	15
28	Carter	Disentangling information flow in the Ras-cAMP signaling network	15
29	Marcotte	Towards the human protein interaction network	25
30	Brun	A study of the <i>Drosophila</i> signaling pathways through the bioinformatic analysis of interaction networks	15
31	Stagljar	Large-scale analysis of yeast and human integral membrane protein interactions using the membrane yeast two-hybrid approach	25

Session 7 DOMAIN MAPPING

FRIDAY 9/2/2005, 2:00 PM

<u>#</u>	<u>Iname</u>	<u>Title</u>	<u>Talk Length</u>
32	Russell	Predicting molecular details for protein interaction networks	25

33	van den Heuvel	Structural and functional analysis of heterogeneous protein assemblies by native mass spectrometry	15
34	Neduva	Systematic discovery of new recognition motifs mediating protein interaction networks	15
35	Milstein	Forward and reverse yeast two-hybrid analysis of the <i>C. elegans</i> apoptotic	15

Session 8 DISEASE RELATED NETWORKS

FRIDAY 9/2/2005, 4:00 PM

<u>#</u>	<u>Iname</u>	<u>Title</u>	<u>Talk Length</u>
36	Lamb	Derivation of casual relationships in segregating populations to identify the genes and networks that are the key drivers of complex diseases	15
37	Stelzl	Y2H protein interaction networks link disease proteins to cellular pathways	15
38	Xiao	A network-based analysis of systematic inflammation in humans	15
39	Zhong	Inferring the <i>C. elegans</i> genetic interaction network by cross-species data	15

Session 9 INTERACTOME MODELING-INFORMATICS I

SATURDAY 9/3/2005, 9:00 AM

<u>#</u>	<u>Iname</u>	<u>Title</u>	<u>Talk Length</u>
40	Ideker	Complex biological queries on the protein interaction network	25
41	Castiglione	Dynamic simulation of protein interaction networks	15
	Bader	Title only: A protein interaction map of human disease	25
42	Roth	Trial by trees—An integrative graphical model for probabilistic gene function	15
43	Holm	Algorithms for protein interaction networks	25
44	Stuempflen	CABiNet—A comprehensive network analysis and integration system	15
45	Hogue	New opportunities in molecular interaction research	25

Session 10 INTERACTOME MODELING-INFORMATICS II

SATURDAY 9/3/2005, 2:00 PM

<u>#</u>	<u>Iname</u>	<u>Title</u>	<u>Talk Length</u>
46	Pandey	Analysis of the human interactome	25
47	Kuchinsky	Literature-based <i>de novo</i> network construction and visualization	15
48	Hermjakob	Proteomics Standards Initiative—From data standardization to database integration	25

Session 11 NETWORKS AND EVOLUTION

SATURDAY 9/3/2005, 3:45 PM

<u>#</u>	<u>Iname</u>	<u>Title</u>	<u>Talk Length</u>
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49	Teichmann	Evolution of protein interactions in networks and complexes	25
50	Kaczanowski	Evolutionary history of the eukaryotic interactome	15
51	Oltvai	Functional organization of cellular networks	25
52	Ekman	Evolutionary history of multi-domain proteins	15