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Nota di contenuto	Preface -- Protein interactions and diseases. Session introduction / Maricel Kann ... [et al.]. Graph kernels for disease outcome prediction from protein-protein interaction networks / Karsten M. Borgwardt ... [et al.]. Chalkboard: ontology-based pathway modeling and qualitative inference of disease mechanisms / Daniel L. Cook, Jesse C. Wiley, and John H. Gennari. Mining gene-disease relationships from biomedical literature weighting protein-protein interactions and connectivity measures / Graciela Gonzalez ... [et al.]. Predicting structure and dynamics of loosely-ordered protein complexes: influenza hemagglutinin fusion peptide / Peter M. Kasson and Vijay S. Pande. Protein interactions and disease phenotypes in the ABC transporter superfamily / Libusha Kelly, Rachel Karchin, and Andrej Sali. LTHREADER: prediction of Ligand-receptor interactions using localized threading / Vinay Pulim, Jadwiga Bienkowska, and Bonnie Berger. Discovery of protein interaction networks shared by diseases / Lee Sam ... [et al.]. An iterative algorithm for metabolic network-based drug target identification / Padmavati Sridhar, Tamer Kahveci, and Sanjay Ranka. Transcriptional interactions during smallpox infection and

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knowledge / Henry C. M. Leung, Francis Y. L. Chin, and Bethany M. Y. Chan. Ab initio prediction of transcription factor binding sites / L. Angela Liu and Joel S. Bader. Comparative pathway annotation with protein-DNA interaction and operon information via graph tree decomposition / Jizhen Zhao, Dongsheng Che, and Liming Cai.
