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Altri autori (Persone)	BaginskiSimon J
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Lipids and cell function / Anna Karenina Azevedo-Martins ... [et al.] -- Immune response modulation by targeted complexes based on streptavidin / Zsuzsanna Szekeres, Melinda Herbath, and Jozsef Prechl -- Electrochemical and optical biosensors based on strept(avidin)-biotin affinity / Xinran Cheng and Kagan Kerman -- Cardiac (patho) physiological actions of the classical mu-, delta-, and kappa-opioid receptor system / Craig S. Bolte, Garrett J. Gross, and Jo El J. Schultz -- Angiotensin converting enzyme inhibitors : a class of potent antihypertensive agents / Sharad Kumar Panday, Jagdish Prasad, and Manohar Bhushan Pathak -- Superprotein families based phylogenomic analysis of archaeal domain / P. Chellapandi, C. Karthigeyen, and S. Sivaramakrishnan -- Aptamers : the new biorecognition element for proteomic biosensing / Monica Mir -- Effect on heavy oils by bacteria / Ruixia Hao, Guanyu Wang, and Anhuai Lu -- Effect of forest environments on human urinary adrenaline / Qing Li and Tomoyuki Kawada -- Microarray-based assay for screening kinase inhibitors by biotinylated gold nanoparticle probes / Tao Li and Zhenxin Wang.
Sommario/riassunto	This book provides a study of biochemistry research trends across a broad spectrum of applications. Topics discussed include the biochemical, physiological and therapeutic aspects of some components of the large class of lipids; streptavidin-biotin binding and immunomodulatory constructs; cardiac opioid peptides and classical opioid receptor systems; angiotensin converting enzyme inhibitors; phylogenomic analyses of the superprotein families of different metabolic systems; aptamers as the new biorecognition element for

proteomic biosensing; the interactions of microorganisms with heavy oils; and, urinary adrenaline measurement in a forest environment setting.