

1. Record Nr.	UNINA9910220047703321
Autore	Miguel A. Andrade-Navarro
Titolo	Protein Interaction Networks in Health and Disease
Pubbl/distr/stampa	Frontiers Media SA, 2016
Descrizione fisica	1 online resource (89 p.)
Collana	Frontiers Research Topics
Soggetti	Genetics (non-medical)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	<p>The identification and mapping of protein-protein interactions (PPIs) is a major goal in systems biology. Experimental data are currently produced in large scale using a variety of high-throughput assays in yeast or mammalian systems. Analysis of these data using computational tools leads to the construction of large protein interaction networks, which help researchers identify novel protein functions. However, our current view of protein interaction networks is still limited and there is an active field of research trying to further develop this concept to include important processes: the topology of interactions and their changes in real time, the effects of competition for binding to the same protein region, PPI variation due to alternative splicing or post-translational modifications, etc. In particular, a clinically relevant topic for development of the concept of protein interactions networks is the consideration of mutant isoforms, which may be responsible for a pathological condition. Mutations in proteins may result in loss of normal interactions and appearance of novel abnormal interactions that may affect a protein's function and biological cycle. This Research Topic presents novel findings and recent achievements in the field of protein interaction networks with a focus on disease. Authors describe methods for the identification and quantification of PPIs, the annotation and analysis of networks, considering PPIs and protein complexes formed by mutant proteins associated with pathological conditions or genetic diseases.</p>

2. Record Nr.	UNINA9910345150703321
Titolo	Southeast Asian Affairs 2009 / / edited by Daljit Singh
Pubbl/distr/stampa	Singapore : , : Institute of Southeast Asian Studies, , 2009
ISBN	9789812309464 9812309462 9789812309471 9812309470
Edizione	[1st ed.]
Descrizione fisica	1 online resource (xvii, 417 pages) : digital, PDF file(s)
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Soggetti	Southeast Asia Politics and government 1945- Southeast Asia Economic policy Southeast Asia Economic conditions
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from publisher's bibliographic system (viewed on 24 Nov 2015).
Nota di contenuto	Frontmatter -- Contents -- Foreword / Kesavapany, K. -- Introduction / Singh, Daljit -- The Region -- SOUTHEAST ASIA IN 2008 / Dalpino, Catharin -- ASEAN ECONOMIES / Rillo, Aladdin D. -- MANAGING ARMED CONFLICT IN SOUTHEAST ASIA / Vatikiotis, Michael -- MARITIME SECURITY IN SOUTHEAST ASIA / Storey, Ian -- Brunei Darussalam -- BRUNEI DARUSSALAM / Roberts, Christopher / Onn, Lee Poh -- Cambodia -- CAMBODIA / Thayer, Carlyle A. -- Indonesia -- INDONESIA IN 2008 / Mietzner, Marcus -- LEGACIES OF HISTORY, PRESENT CHALLENGES, AND THE FUTURE / Wanandi, Jusuf -- Laos -- LAOS / Stuart-Fox, Martin -- Malaysia -- MALAYSIA / Saravanamuttu, Johan -- Myanmar -- MYANMAR in 2008 / Than, Tin Maung Maung -- THE WAR ON DRUGS / Sarno, Paul -- Philippines -- PHILIPPINES IN 2008 / Milo, Melanie S. -- PHILIPPINE ECONOMIC DEVELOPMENT / Bird, Kelly / Hill, Hal -- Singapore -- SINGAPORE IN 2008 / Chong, Terence -- THE SINGAPORE OF MY DREAMS / Koh, Tommy -- Thailand -- THAILAND IN 2008 / Ockey, James -- THAILAND'S CRISIS OVERLOAD / Warr, Peter -- Timor-Leste -- EAST TIMOR IN 2008 / Kingsbury, Damien -- Vietnam -- VIETNAM IN 2008 / Dosch, Joern -- VIETNAM'S ECONOMIC CRISIS / Viet, Vu Quang

Sommario/riassunto

Southeast Asian Affairs 2009 provides an informed and readable analysis of events and developments in the region in 2008. In the regional section of the volume, the first two articles give the political and economic overview of Southeast Asia, the third discusses the use of mediation as a means for conflict resolution, while the fourth examines regional cooperation in maritime security arena. Eleven country reviews as well as well as six special theme articles follow, covering political, economic, security and social developments in the various countries and their implications for the region.
