

1. Record Nr.	UNINA9910814618903321
Autore	Slesinger Paul A.
Titolo	Structure to function of G protein-gated inwardly rectifying (GIRK) channels // Paul A. Slesinger, Kevin Wickman
Pubbl/distr/stampa	Amsterdam, [Netherlands] : , : Academic Press, , 2015 ©2015
ISBN	0-12-802458-5 0-12-802631-6
Edizione	[First edition.]
Descrizione fisica	1 online resource (0 p.)
Collana	International Review of Neurobiology, , 0074-7742
Disciplina	572.643
Soggetti	G proteins Potassium channels
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Unifying mechanism of controlling Kir3 channel activity by G proteins and phosphoinositides -- The roles of G[beta gamma] and G[alpha] in gating and regulation of GIRK channels - RGS redundancy and implications in GPCR-GIRK signaling -- Structural insights into GIRK channel function -- Localization and targeting of GIRK channels in mammalian central neurons -- GIRK channel plasticity and implications for drug addiction --- GIRK channels: a potential link between learning and addiction -- Behavioral and genetic evidence for GIRK channels in the CNS: role in physiology, pathophysiology, and drug addiction.