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| 1. Record Nr. | UNISA990000757910203316 |
| Autore | Italia : Camera dei deputati |
| Titolo | Comitati segreti sulla condotta della guerra : giugno-dicembre 1917 / Camera dei deputati, Segretariato generale |
| Pubbl/distr/stampa | [Roma] : Archivio storico [della Camera dei deputati], stampa 1967 |
| Descrizione fisica | IX, 249 p., [10] c. di tav. ; 24 cm |
| Disciplina | 940.3 |
| Lingua di pubblicazione | Italiano |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
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| 2. Record Nr. | UNINA9910261140303321 |
| Autore | Alex Dopico |
| Titolo | BK Channels: Integrators of Cellular Signals in Health and Disease |
| Pubbl/distr/stampa | Frontiers Media SA, 2017 |
| Descrizione fisica | 1 online resource (183 p.) |
| Collana | Frontiers Research Topics |
| Soggetti | Physiology |
| Lingua di pubblicazione | Inglese |
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| Sommario/riassunto | Maxi calcium-activated potassium channels (BK) are an amazing category of ion channels which are found in cellular plasma membranes as well as in membranes of intracellular organelles. The function of these channels is to repolarize any excited membrane by passing a potassium outward current, in response to depolarization and/or increase in local calcium levels. Thus, voltage and calcium ions are involved in gating the channel under physiological conditions. This dual |

activation makes them perfect sensors for many cellular events that require integration between intracellular calcium levels and electrical signals. A plethora of physiological and pathophysiological functions, such as membrane hyperpolarization, modulation of synaptic transmission, hormone secretion or mental deficiencies, vaso-regulation, epilepsies, heart diseases, myotonic dystrophies, hypertension etc, in almost all cells and tissues were reported for these channels. BK channels are main targets for important ligands like alcohol and gaseous neurotransmitters, such as NO, CO or H₂S, to name a few. In the last years, the molecular entities and mechanisms involved in modulation of BK channels have gained tremendous attention, as the key role of these channels in cellular processes became increasingly recognized. Indeed, accessory proteins such as α , β and γ subunits, all serve to modulate the channel gating characteristics. Moreover, channel subunit expression and function is further tuned by phosphorylation/ dephosphorylation processes, redox mechanisms and the lipid microenvironment of the BK channel protein complex. This e-book contains structural and functional aspects of BK channels, channel modulation by a variety of agents and cellular components, as well as the channel's relevance in health and disease.
