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Nota di contenuto	mGlu5 Signalling: A Target for Addiction Therapeutics? -- Supraspinal Metabotropic Glutamate Receptors: An Endogenous Substrate for Alleviating Chronic Pain and Related Affective Disorders -- Metabotropic Glutamate Receptors and Parkinson's Disease: Basic and Preclinical Neuroscience -- Metabotropic Glutamate 2 (mGlu2) Receptors and Schizophrenia Treatment -- mGlu5: A Metabotropic Glutamate Receptor at the Hub of Hippocampal Information Processing, Persistent Synaptic Plasticity and Long-Term Memory -- Neuroprotective Properties of Glutamate Metabotropic Glutamate Receptors in Parkinson’s Disease and Other Brain Disorders -- Structure, Dynamics and Modulation of Metabotropic Glutamate Receptors -- Metabotropic Glutamate Receptor Function in Thalamocortical Circuitry -- Metabotropic Glutamate Receptors in Cancer -- mGlu5 Receptors in Parkinson’s Disease and MPTP-Lesioned Monkeys: Behaviour and Brain Molecular Correlates -- Is There a Future for PAMs of Group I mGluR in Absence Epilepsy? -- Regulation of Hippocampal mGluR-Dependent Long-Term Depression by GluA2-Dependent Cofilin-Mediated Actin Remodeling -- Metabotropic Glutamate Receptors in Amygdala Functions.
Sommario/riassunto	Metabotropic glutamate receptors (mGluRs) are members of the group C family of G-protein-coupled receptors. Eight different mGlu subtypes have been identified and classified into three groups based on amino

acid sequence similarity, agonist pharmacology, and the signal transduction pathways to which they couple. They perform a variety of functions in the central and peripheral nervous systems, being involved in learning, memory, anxiety, and the perception of pain. They are found in pre- and postsynaptic neurons in synapses of the hippocampus, cerebellum, and cerebral cortex, as well as other parts of the brain and peripheral tissues. This volume comprises the latest contributions of experts in the field on the role of mGlu receptor in health and disease, following the 8th International meeting on these receptors.