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| Nota di contenuto | Neuropharmacology of insects; Contents; Introduction; Chemical signalling in the insect nervous system; Acetylcholine receptors of identified insect neurons; Discussion; Properties of dopamine receptors at a neuroglandular synapse; Discussion; Properties of modulatory octopamine receptors in the locust; Discussion; Properties of postsynaptic channels activated by glutamate and GABA in locust muscle fibres; Discussion; Neurosecretory peptides and biogenic amines; Discussion; Isolation of receptors from the central nervous system Pharmacological characteristics of a putative nicotinic acetylcholine receptor from <i>Musca domestica</i> Discussion; Binding of acetylcholine receptor/channel probes to housefly head membranes; Discussion; Subcellular fractionation of invertebrate nervous tissue; Properties of |

synaptosomes from the central nervous system of insects; Discussion; Binding and uptake of glutamate and -aminobutyric acid in membrane fractions from locust muscle; Discussion; Genetic approaches to insect neurochemistry

Identification of a *Drosophila melanogaster* mutant that affects the saxitoxin receptor of the voltage-sensitive sodium channel Discussion; Genetic and immunological studies of the nervous system of *Drosophila melanogaster*; Discussion; Activation of ion channels in locust muscle by amino acids; Discussion; Receptor mechanisms mediating the action of 5-hydroxytryptamine; Discussion; Solitary wasp venoms and toxins as tools for the study of neuromuscular transmission in insects; Discussion; Insecticides as probes for the study of ionic channels in nerve membranes; Discussion; Review of the symposium; Index of contributors; Subject index
