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Altri autori (Persone)	ElliottKatherine CollinsGeralyn M
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Nota di contenuto	Development of the autonomic nervous system; Contents; Current approaches to development of the autonomic nervous system: clues to clinical problems; Discussion; Plasticity in the development of the peripheral nervous system; Discussion; Development of enteric neurons from non-recognizable precursor cells; Discussion; Autonomic regulation of cardiovascular function in neonates; Discussion; Developmental influences on vascular structure and function; Discussion; Growth and development of sympathetic neurons in tissue culture Adrenergic-cholinergic dual function in cultured sympathetic neurons of the ratDISCUSSION OF THE TWO PRECEDING PAPERS; In vitro responses of sympathetic neurons to nerve growth factor and other macromolecular agents; Discussion; Transmitter phenotypic expression in the embryo; Discussion; Interactions between developing autonomic neurons and their target tissues; Discussion; Factors regulating growth of catecholamine-containing nerves, as revealed by transplantation and ex-plantation studies; Discussion; Regulation of synaptic connections in the rabbit ciliary ganglion; Discussion

Pregnancy induces degenerative and regenerative changes in the autonomic innervation of the female reproductive tractDiscussion; GENERAL DISCUSSION; Cholinergic synapse development in chick sympathetic ganglia; Effect of substratum on neurite outgrowth in vitro; The link between laboratory work and clinical practice; The autonomic nervous system and perinatal metabolism; Discussion; Fetal cardiovascular reactions during labour and asphyxia modified by adrenergic receptor agonists and antagonists; Discussion Myenteric plexus of the hind-gut: developmental abnormalities in humans and experimental studiesDiscussion; FINAL GENERAL DISCUSSION; Hirschsprung's disease: embryological aspects and basic mechanisms; Nerve growth factor and other trophic factors in conditioned media (with some immunological considerations); Chairman's concluding remarks; Index of contributors; Subject index

Sommario/riassunto

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