



Salivary glands : development, adaptations, and disease /

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Enfermedades

Monografía

Salivary glands are of utmost importance for several physiological functions ranging from the protection of teeth and surrounding soft tissues to the lubrication of the oral cavity, which is crucial for speech and perception of food taste. This publication highlights specific aspects of salivary gland development, investigating the mechanisms involved in embryonic development, the current research in stem cells, the ability of adult glands to regenerate and the signalling pathways involved in this process. Key stages of salivary gland development, moving from initiation to differentiation of the glands, are discussed, as well as unusual adaptations, ranging from making silk to making venom. The book finally provides new data on surgical techniques and diagnostic tools for clinicians involved in salivary gland disorders. Researchers and students with an interest in craniofacial sciences as well as clinicians dealing with salivary gland disorders will find this publication an excellent source of up-to-date information. (EDITOR)

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salivary gland development / Wells, K.L. ; Patel, N. -- Epithelial stem/progenitor cells in the embryonic mouse submandibular gland / Lombaert, I.M.A. ; Hoffman, M.P. -- Salivary gland regeneration / Carpenter, G.H. ; Cotroneo, E. -- Salivary gland disease / Thomas, B.L. ; Brown, J.E. ; McGurk, M.

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