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Sommario/riassunto

Evidence generated by a number of genetic studies indicates that growth is regulated by a number of genes and that interference with their expression can have catastrophic effects on the well being of the whole organism. With the realization that multiple regulatory pathways exist, work is now focusing on identification of those signals that control the activity of the cells in the epiphyseal growth plate. A group of individuals included dental and orthopaedic researchers examining the regulation of craniofacial growth and mineralization. The molecular biologists are probing skeletal morphoge