Correlation Analysis between mtDNA G10398A Polymorphism and Susceptibility of Patients with Type 2 Diabetes Mellitus in Northwest China

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Introduction: The present work aimed to investigate the association between G10398A polymorphism in mtDNA with type 2 diabetes mellitus (T2DM) susceptibility among Chinese northwestern population. ...

Advances and Perspectives in Genetics of Congenital Thyroid Disorders Associated with Thyroglobulin Gene Mutations

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Dyshormonogenesis due to thyroglobulin (TG) gene mutations is a rare cause of congenital hypothyroidism with an estimated incidence of approximately 1 in 100,000 newborns. The TG gene is organized in 48 exons, spanning over 270 kb on human chromosome 8q24. ...

Environmental Toxicants and Infant Mortality in the USA
Despite enjoying a high standard of living, the United States ranks 46th among nations reporting infant survival rates to the World Health Organization. Among factors that increase infant mortality are environmental toxicants.

Current Knowledge on Psychic Stress in Surgical Procedures

The incidence of stress among individuals submitted to major surgery is relevant. Although it has been noted that some patients go through the perioperative period without presenting stress, surgical patients have a high probability of presenting one of the four phases of stress. Recognizing the stress phase that affects the patient permits the medical team to act in ...

Morphofunctional and Metabolic Alterations after Orchiectomy

Objective: To verify alterations in lipid profile, blood glucose and pressure, and morphological aspects of the adrenal gland in animals with hypogonadism secondary to total bilateral epididymectomy and orchiectomy. Methods: Young and adult male Wistar rats were distributed into the following groups: Group 1 - control, animals submitted only to scrotal incision and s ...