

Nucleic Acid Metabolism of Placenta and Fetus



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Fetal cell-free nucleic acids in the maternal circulation: new clinical STUDY DESIGN: Time-dated pregnant sheep with singleton or twin fetuses at a Nucleic Acid Hybridization Phosphorus Radioisotopes Placenta/metabolism* DNA Probes Endothelial Growth Factors Lymphokines Phosphorus **Chestnuts Obstetric Anesthesia: Principles and Practice E-Book - Google Books Result Images for Nucleic Acid Metabolism of Placenta and Fetus** Neutrophils are usually absent from the amniotic fluid of a healthy fetus, and their (a protein released from injured astrocytes) and cell-free fetal nucleic acids may the placenta appears to alter its metabolism to diminish its consumption of **Nucleic Acid Metabolism of Placenta and Fetus - Karger Publishers** naturally directed years ago in studying placental DNA and RNA metabolism. A feeling retardation and pregnancy toxemias, and the large boggy placenta, **Fetal metabolism and fetal growth - Reproduction** found that the human placenta and its protein content increased until term, but with the stage of pregnancy, while the protein/DNA ratio showed the most marked might also be useful in the prenatal diagnosis of inborn errors of metabolism **Regulation of Ovarian and Testicular Function - Google Books Result Perinatal Physiology - Google Books Result** Obstet Gynecol Annu. 19776:11-22. Nucleic acid metabolism of placenta and fetus. Hayashi TT. The preceding resume of placental nucleic acid metabolism **Hormones and the Fetus: Volume 1: Production, Concentration and - Google Books Result** Folate (vitamin B9) is an essential nutrient that is required for DNA replication .. with folate metabolism and the transport of reduced folate across the placenta. **Effects of protein deficiency, pair-feeding, or diet supplementation on** The effects of feeding, throughout gestation, a diet deficient in protein, Pair-feeding caused a less severe reduction in maternal, uterine, placental, and fetal weights. Fetus/metabolism* Litter Size Nucleic Acids/metabolism Organ Size **Placental transport and metabolism of amino acids. - NCBI** Amino acid interconversions in the fetal-placental unit: the animal model and human with differences

between amino acids and in relation to metabolic state. **Effect of placental fatty acid metabolism and regulation by** - NCBI Volume 1: Production, Concentration and Metabolism During Pregnancy F. A. (1971) Metabolic characterization of protein hormones of the human placenta. **Clinical Environmental Health and Toxic Exposures - Google Books Result** Amino acid metabolism in the human fetus at term: leucine, valine, and methionine respectively), was transported at net rate from the fetus to the placenta. **Measurement of Changes in the Constituents of Nucleic Acids - Karger** fetal tissue growth Placental growth and development Maternal tissue growth metabolic rate (BMR), energy needs, and protein sparing Fetal skeleton and **Amino acid interconversions in the fetal-placental unit: the animal** Although a great deal is known about the metabolism of fetal tissues (Roux . The synthesis of lipids by the placenta of (a) guinea-pigs and (b) rabbits. Slices of **Amino acid metabolism in the human fetus at term: leucine, valine** Because of the complexity of the transport processes and placental metabolism, it is difficult to predict the effect of altered maternal protein intake on fetal amino **Nucleic acid metabolism of placenta and fetus. - NCBI** In considering the primary role of the placenta in the delivery of amino acids to the fetus for metabolism, it is important to consider the multiplicity of factors that **Transport and metabolism of amino acids in placenta. - NCBI** Effect of dietary protein composition on placental protein, nucleic acid, free alpha The fetal weight and placental weight, total placental protein, RNA and free alpha Amines/metabolism* Animals Arginase/metabolism Caseins DNA/ **Protein and Amino Acids - Nutrition During Pregnancy - NCBI - NIH** growth factor gene expression in ovine placenta and fetal membranes. Pregnancy RNA, Messenger/metabolism RNA-Directed DNA Polymerase Sheep **Metabolic interrelationships of placenta and fetus. - NCBI - NIH** Cellfree placental protein synthesis has also been studied, using free and Changes in protein metabolism during pregnancy Protein metabolism increases **Placenta: A Neglected Experimental Animal - Google Books Result** The placenta has certain biomolecules (proteins, carbohydrates, lipids, Like the placenta, fetal tissue also accumulates chemical residues because of its (1) maternal toxicity, (2) placental transfer, and (3) placental-fetal metabolism. **Nucleic acid metabolism of placenta and fetus. - NCBI** Bibliographic Details. Nucleic Acid Metabolism of Placenta and Fetus Editor(s): Hayashi T.T. (Pittsburgh, Pa.) 100 p., 10 fig., 10 tab., soft cover, 1977 **Folic Acid Supplementation and Pregnancy: More Than Just Neural** Placental fatty acid metabolism can play a critical role in guiding pregnancy and fetal Peroxisome proliferator-activated nuclear receptors (PPARs) have been **Cell-free nucleic acids as potential markers for preeclampsia. - NCBI** Obstet Gynecol Annu. 19776:11-22. Nucleic acid metabolism of placenta and fetus. Hayashi TT. The preceding resume of placental nucleic acid metabolism **Effect of dietary protein composition on placental protein, nucleic** Maternal-placental-fetal pharmacokinetic relationships. and GFR 6, maternal-fetal blood pH differences 7, possible placental metabolism 8, undeveloped fetal blood Nucleic acid integrity or function can be adversely affected by toxins. **Vascular endothelial growth factor gene expression in - NCBI - NIH** Placental-fetal metabolic relationships are complex and dynamic. For amino acids, unique placental transport and metabolic processes determine the quality **Essential fatty acid transfer and fetal development. - NCBI** These fatty acids are transferred across the placenta, and are accumulated in the Infant, Premature Lipid Metabolism Maternal-Fetal Exchange Placenta/ **Reproductive and Developmental Toxicology - Google Books Result** Data are discussed with reference to the measured delivery rates of amino acids into the fetal circulation and the contribution of placental metabolism to this rate **Expression of SQ10 (a preprorelaxin-like gene) in the pregnant** A summary of the proposed functions of placental lactogen in the pregnant roles in the regulation of protein and nucleic acid metabolism, these studies further The protein is believed to have a role in tracheal epithelial cell differentiation and Placenta/metabolism* Polymerase Chain Reaction Pregnancy Protein