

Forthcoming papers to appear in The Journal of Steroid Biochemistry

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Naftolin F. and Brawer J. R.: Hormones as growth promoting factors
Discussion by: Arai, Grumbach, Naftolin, Posner

Maternal–Fetal–Placental relationship

- Pons M., Nicolas J. C., Boussioux A. M., Descomps B. and Crastes de Paulet A.: Some new developments in the knowledge of human placental estradiol 17 β dehydrogenase
Discussion by: Crastes de Paulet, Osawa, Tamaoki, Westphal
- Schubert K. and Schade K.: Placental steroid hormones
Discussion by: Arai, Denton, Macnaughton, Schubert, Solomon
- Westphal U., Stroupe S. D., Kute T. and Cheng S. L.: Steroid interactions with progesterone-binding globulin
Discussion by: Challis, De Moor, Grumbach, Pasqualini, Posner, Westphal
- De Hertogh R. and Luyx A.: Unconjugated estriol in maternal plasma. Relationship with early fetal development measured by ultrasonic morphometry
- Cohen H. and Cohen M.: DHAS Half-life in pregnancy, its prognostic value in high risk pregnancies
- Salvadori B., Benassi L., Merialdi A., Coppola F., Pini L. and Cacciatore A.: Feto-neonatal hormoneology in premature delivery
- Posner B. I., Guyda H. J. and Omori Y.: Insulin, insulin-like activity and the human placenta
Discussion by: Naftolin, Posner, Postenvinhenvis
- Lerner L. J. and Carminati P.: Effect of day of pregnancy and pregnancy terminating agents on prostaglandin synthesis and metabolism and histamine metabolism in the rat utero-placental fetal complex and lung
- Blank M. S., Chan J. S. D. and Friesen H. G.: Placental lactogens, new developments
Discussion by: Friesen, Grumbach, Naftolin, Posner, Thorburn
- Martal J. and Djiane J.: Mammatrophic and growth promoting activities of a placental hormone in sheep
Discussion by: Friesen, Martal, Thorburn, Solomon, Lerner, Crastes De Paulet
- General discussion by: Arai, Benassi, Cohen, Crastes de Paulet, De Moor, Grumbach, Macnaughton, McEwen, Naftolin, Pasqualini, Solomon, Tamaoki, Thorburn, Westphal

Fetal Tissues

- Congote L. F.: Regulation of fetal liver erythropoiesis
Discussion by: Congote, Friesen, Naftolin, Tamaoki
- Gustafsson J. Å., Eneroth P., Pousette Å., Skett P., Sonnenschein C., Stenberg Å. and Åhlen A.: Programming and differentiation of rat liver enzymes
Discussion by: De Moor, Dorner, Gustafsson, Naftolin
- Pasqualini J. R., Sumida C., Gelly C. and Nguyen B. L.: A general view of the quantitative evaluation of cytosol and nuclear steroid hormone receptors in the fetal compartment of guinea pig
Discussion by: McEwen, Naftolin, Pasqualini, Sonnenschein
- Solomon S. and Lee D. K. H.: Binding of glucocorticoids in fetal tissues
Discussion by: Farrell, McEwen, Pasqualini, Solomon
- Farrell P. M. Fetal lung development and the influence of glucocorticoids on pulmonary surfactant
- Challis J. R. G., Jones C. T., Robinson J. S. and Thorburn G. D.: Development of fetal pituitary–adrenal function
Discussion by: Challis, Naftolin, Silman, Swaab, Tabei
- Jaffe R. B., Seron-Ferre M., Huhtaniemi I. and Korenbrot C.: Regulation of the primate fetal adrenal gland and testis *in vitro* and *in vivo*
Discussion by: Challis, Jaffe, Naftolin, Oakey, Solomon

- Hutaniemi I.: Studies on steroidogenesis and its regulation in human fetal adrenal and testis
Discussion by: De Hertogh, Grenier, Gustafsson, Huhtaniemi, Osawa, Pasqualini, Tamaoki
- Macnaughton M. C., Taylor, McNally E. M. and Coutts J. R. T.: The effect of synthetic ACTH on the metabolism of [^{14}C]-progesterone by the previable human fetus
Discussion by: Macnaughton, Pasqualini, Swaab
- Oakey R. E., Cawood M. L., Isherwood D. M., Heyes R. F. and Shahwan M. M.: Corticosteroid biosynthesis by the human fetal adrenal: Evidence from measurements *in vivo* and *in vitro*
Discussion by: Jaffe, Oakey, Solomon
- Chaudhuri S. and Pasqualini J. R.: *In vitro* transformation of [^3H]-deoxycorticosterone to [^3H]- 3β , 5α -tetrahydro-deoxycorticosterone and to [^3H]- 3α , 5β -tetrahydro-deoxycorticosterone in the fetal liver of guinea pig during fetal evolution
- Funkhouser J. D. and Hughes E. R.: Glucocorticoids and fetal lung development
Discussion by: Hughes, Solomon
- Aderjan R., Rauh W., Vecsei P., Lorenz U. and Rüttgers H.: Determination of cortisol, tetrahydrocortisol, tetrahydrocortisone, corticosterone, and aldosterone in human amniotic fluid
General discussion by: Gustafsson, Farrell, Hughes, Naftolin, Posner, Tabei, Thorburn

Fetal Neuroendocrinology

- Dörner G.: Hormones, brain differentiation and fundamental processes of life
Discussion by: Dörner, Karla
- Hagen C. and McNeilly A. S.: The gonadotrophins and their subunits in foetal pituitary glands and circulation
Discussion by: Friesen, Hagen, Jaffe, Posner, Thorburn
- Swaab D. F., van Leeuwen F. W., Dogteram J. and Honnebier W. J.: The fetal hypothalamus and pituitary during growth and differentiation
Discussion by: Friesen, Grumbach, Jaffe, Macnaughton, Posner, Swaab
- Silman R. E., Chard T., Lowry P. J., Mullen P. E., Smith I. and Young I. M.: Human fetal corticotrophin and related pituitary peptides
Discussion by: Grumbach, Silman
- Kennaway D. J., Matthews C. D., Seamark R. F., Phillipou G. and Schilthuis M.: On the presence of melatonin in pineal glands and plasma of foetal sheep
Discussion by: Grumbach, Matthews
- Bugnon C., Bloch B. and Fellmann D.: Cyto-immunological study of the ontogenesis of the gonadotropic hypothalamo-pituitary axis in the human fetus
Discussion by: Bloch, Hagen, Kalra, Swaab
General discussion by: Bloch, Dörner, Jaffe, Naftolin, Silman

Sex Differentiation

- De Moor P., Van Baelan H., Verhoeven G., Boeckx W., Adam-Heylen M. and Vandoren G.: Role of the hypothalamo-hypophyseal axis in neonatal androgenisation and its postpubertal expression
Discussion by: De Moor, Friesen, Naftolin, Posner, Skett, Westphal
- Ohno S.: The Y-linked *H-Y* antigen locus and the X-linked *Tfm* locus as major regulatory genes of the mammalian sex determining mechanism
Discussion by: De Moor, Dorner, Grumbach, McEwen, Naftolin, Ohno
- McEwen B. S., Lieberburg I., Maclusky N. and Plapinger L.: Do estrogen receptors play a role in the sexual differentiation of the rat brain?
Discussion by: De Moor, Grumbach, McEwen, Naftolin, Pasqualini, Solomon
- Guichard A., Scheib D., Haffen K. and Cedard L.: Radioimmunoassay of steroid hormones produced by embryonic chick gonads during organ culture
Discussion by: Groenendyk, Guichard
- Stenberg Å., Eneroth P., Gustafsson J. Å. and Skett P.: *In vitro* techniques for studies on pituitary regulation of rat liver enzymes
Discussion by: Friesen, Gustafsson, Posner, Stenberg, Solomon
- Takagi S., Yoshida T., Tsubata K., Ozaki H., Fujii T. K., Nomura Y. and Sawada M.: The sex differences in fetal gonadotropins and androgens
- Slaughter M., Wilen R., Ryan K. H. and Naftolin F.: The effects of low dose diethylstilbestrol administration in neonatal female rats