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Feasibity of use of bilirubin a biomarkers and therapeutic use in DKD

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Histori Bilirubin (B) was belie to be nonfnal Heme catabolism waste produciat sign of Ldis or in max delete scen neurotoxic mol. As in mammals EUiatresou 4 conv biliverdin (nontoxic subs) lib easi-Bpresum not mere b/d pro-Grad wi ti mild hyperB mani by Gilberts Syndrpts Hev amts of SB in upper quartile of curr accephysio SBrang con prot aga mod civili. Dis (DM, CVD, MetS,) ba on OS-mod of prot eval init iat anti Oprop ROSforag-the obs B as sig mod of bio fn inHB bes wor as horm ir targR-min esc of SB sig in dec OS ba dis res tryescB ag these met dis.

DKD-20-40%ptsT1D, T2D, Ea diag esse4prog-ESRD

EndoB was keyas BM, 4prog, rec st pt wi tot norBQ mi be ab to delprog Beasy,cheap,rou inv in man centr>st reqd4 B astar 4 avoid of CKD.

Btetrapyrrolic compd sup famiat EP of heme catabolism-gen in spl RES

In H ad gen of 4.4±0.7 mg/kg bo wt of B/d tp-Sen RBC's-mai sou of heme grp,Hev not only sourc des80% from Hb/SRBC's,other shar among myoglo, Cyto-c iat other haemopr like cyto-CYP450-In toto 15-20%pr ofavaisubs fr the pr.

B meta i)gen ii)HUiii)conjiv)Excr to bile duc be to int(fig1)-Jaund mi gen if ab ofsti)init wi biliv =>B by enz HMOX1into Bv lib CO,Fe2+H2Oiat curr oxidaNADN(red for).This enz=indn open of Hring,freeFeiat tetrapyr ring.

Fb Bred=Bv by cytosoBreduct (BLVRA) in+ of nadph.

Biography

Kulvinder Kochar Kaur is the scientific director of Dr. Kulvinder Kaur Centre for Human Reproduction, Jalandhar, Punjab, India. Where she manages the complicated cases of infertility. She graduated from LHMC Delhi in 1980 topping in medicine in all 3 medical colleges thereby getting the DR Devi Chand Gold medal from the late PM Smt. Indira Gandhi and also topped in all the MBBS subjects prior to that eg anatomy, pathology, biochemetc making her basics sound and later she managed the endocrine clinic in PGI Chandigarh during her MD days .Following that she reported the 40th world case hydrometrocolpos working in Saudi Arabia and has been working in the field of neuroendocrinology of obesity. GnRH control along with role of kisspeptins, prokineticins in human reproduction, AIDS and Cancer-during this period she managed to successfully treat the first case of non-gestational chorio carcinoma of uterine body in a young girl medically thereby preserving her fertility-the first case in world literature of its kind.

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