

MD - BIO-CHEMISTRY

Title
(Plan of Thesis) 2011-2014

Evaluation of insulin resistance, metabolic syndrome and adiponectin receptor gene polymorphism in male factor infertility

To study serum cystatin C levels as marker of early nephropathy in metabolic syndrome

Evaluation of promoter hypermethylation of tumor suppressor genes (*RASSF1A*, *CDHI* & *BRCA1*) in serum DNA of breast cancer patients

Evaluation of stress, fertility hormones and seminal quality in male partner of infertile couples

Study of polymorphism of VEGF gene, serum VEGF and serum IL-18 level in diabetic nephropathy

Study of plasma levels of soluble CD40 ligand (s CD40L) and CD40 gene kozak sequence - 1(C/T) polymorphism in coronary artery disease

Association of p53, MDM2 and bax gene polymorphisms with epithelial ovarian cancer

Study of pro inflammatory markers and Interleukin-6 gene polymorphism in women with polycystic ovary syndrome.

The study of endothelial dysfunction and iNOS gene (C150T) polymorphism in metabolic syndrome

Study of Cholesteryl ester transfer protein gene (-629C/A) polymorphism in non-diabetic atherosclerosis

A study of proinflammatory cytokines and adiponectin on insulin resistance via Nuclear Factor -KB pathway in patients with angiographically proven ischaemic heart disease

Tumor necrosis factor alpha gene polymorphism in rheumatoid arthritis and its association with oxidative stress and lipid profile: A pilot study

A case control study on oxidative stress, genetic polymorphism and expression of antioxidant genes in intra uterine growth restriction

A study to correlate the activity of adam 33 gene protein with oxidative stress in asthma